



















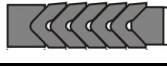










**Hydraulics &
Pneumatics**

柳州市诺安克密封件有限公司
LIUZHOU NUOANKE SEAL CO., LTD

SEALING TECHNOLOGIES









NUOANKE
INNOVATING TOGETHER












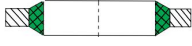
No.	Brand	Cross Section	Type	Material	Page
Piston & Rod Seals					
1	NUOANKE		UPH	NBR	12-15
	NOK			FKM	
2	NUOANKE		USH	NBR	16-17
	NOK			FKM	
3	NUOANKE		Y	NBR	18-19
				FKM	
4	NUOANKE		UPI	PU	20-24
	NOK				
5	NUOANKE		USI	PU	25-26
	NOK				
6	NUOANKE		YA	PU	27-28
7	NUOANKE		MYA (Pneumatic)	NBR	29
				FKM	
8	NUOANKE		601	PU	30-32
	Hallite				
9	NUOANKE		TSE	NBR FABRIC	33-35
	TECNOLAN				
10	NUOANKE		SEG	NBR FABRIC POM	36-38
	TECNOLAN				
11	NUOANKE		V	NBR FABRIC	39-40
Rod Seals					
1	NUOANKE		UN	PU	41-48
	DINGZING				
2	NUOANKE		U+S	PU NBR	49-50
3	NUOANKE		UTS	PU	51-52
4	NUOANKE		UHS	PU	53-54
5	NUOANKE		UNS	PU	55-56
6	NUOANKE		UNR	PU	57
7	NUOANKE		UHR	PU	58
8	NUOANKE		QYd (Pneumatic)	NBR	59-60
				FKM	
9	NUOANKE		IDU	PU NBR FKM	61-62
10	NUOANKE		VES	NBR FABRIC	63-66
11	TECNOLAN		TGO	NBR FABRIC	67-68

No.	Brand	Cross Section	Type	Material	Page
Rod Seals					
12	NUOANKE		B18	NBR FABRIC	69-70
13	NUOANKE		GSI	PTFE Bronze	71-72
14	NUOANKE		SPN	PTFE Bronze	73
15	NUOANKE		GSJ Step Seal	PTFE Bronze	74-75
16	NUOANKE		GSJ Step Seal	PU	76-77
17	NUOANKE		C1 (Hydraulic & Pneumatic)	NBR FKM	78-79
18	NUOANKE		EU (Pneumatic)	PU	80
19	NUOANKE		E8 (Pneumatic)	NBR	81
20	NUOANKE NOK		IDI	PU	82-85
21	NUOANKE NOK		ISI	PU	86-87
22	NUOANKE Hallite		605	PU	88-91
23	KASTAS		K33	PU	92-94
24	NUAONKE		BS	PU	95-96
25	NUAONKE		BA	PU	97-99
26	NUAONKE		BD	PU	100
27	NUAONKE TECNOLAN		PSE	NBR	101-103
28	NUAONKE		OER	PTFE Bronze	104-105
29	NUAONKE		RVA	PTFE	106-107
Piston Seals					
1	NUOANKE		UNP	PU	108
2	NUOANKE		UHP	PU	109
3	NUOAKNE		QYD (Pneumatic)	NBR FKM	110-111
4	NUOANKE		ODU	PU NBR FKM	112-113

No.	Brand	Cross Section	Type	Material	Page
Piston Seals					
5	NUOANKE		D56	NBR FABRIC	114-115
6	NUOANKE		SPGO Glyd ring	PTFE Bronze	116-118
7	NUOANKE		SPGO Glyd ring	PU	119-121
8	NUOANKE		GSD	PTFE Bronze	122-123
9	NUOANKE		SPG	PTFE Bronze	124-125
10	NUOANKE		SPGW	PTFE Bronze	126-127
11	NUOANKE		AQ	PTFE Bronze	128-129
12	NUOANKE		CQ	PTFE Bronze	130
13	NUAONKE		754	PU	131-132
	Hallite				
14	NUOANKE		TTO	PU	133-134
	TECNOLAN				
15	NUOANKE		OK	POM	135-136
16	NUOANKE		KR	PU	137-138
17	NUOANKE		Z8 (Pneumatic)	PU NBR FKM	139-140
18	NUOANKE		E4 (Pneumatic)	PU NBR FKM	141-142
19	NUOANKE		C2 (Hydraulic & Pneumatic)	NBR	143-144
				FKM	
20	NUOANKE		PAP (Pneumatic)	NBR	145
				FKM	
21	NUOANKE		AGP (Pneumatic)	NBR	146
				FKM	
22	NUOANKE		Z5 (Pneumatic)	NBR	147
				FKM	
23	NUOANKE		ZT (Pneumatic)	NBR	148
				FKM	
24	NUOANKE		COP (Pneumatic)	NBR	149
				FKM	
25	NUOANKE		PPD	NBR	150
				FKM	
26	NUOANKE		CSP	NBR	151
				FKM	

No.	Brand	Cross Section	Type	Material	Page
Piston Seals					
27	NUOANKE		RGU	NBR	152
				FKM	
29	NUOANKE		TDP (Pneumatic)	NBR	153
				FKM	
30	NUOANKE		PDP (Pneumatic)	NBR	154
				FKM	
31	NUOANKE		PPZ (Pneumatic)	NBR	155
				FKM	
32	NOK		ODI	PU	156-158
33	NOK		OSI	PU	159-160
34	NUOANKE		DAS/KDAS	NBR	161-162
35	NUOANKE		TPM	NBR	163-164
	TECNOLAN				
36	NUOANKE		PDE	NBR	165-166
	TECNOLAN				
37	NUOANKE		SM	NBR FABRIC	167-168
	TECNOLAN				
38	NUOANKE		TDE	NBR FABRIC	169-170
	TECNOLAN				
39	NUOANKE		65	NBR POM	171-172
	TECNOLAN				
40	NUOANKE		OEP	PTFE Bronze	173-174
41	NUOANKE		PVA	PTFE	175-176
Wiper Seals					
1	NUOANKE		DKB	NBR	177-178
	NOK				
2	NUOANKE		DKBI	PU	179-180
	NOK				
3	NUOANKE		GA	NBR	181-184
4	NUOANKE		DKI	PU	185-186
	NOK				
6	NUOANKE		DWI	PU	187
	NOK				
7	NUOANKE		DLI	PU	188-189
8	NUOANKE		VAY	NBR	190-191
9	NUOANKE		H32	PU	192-193

No.	Brand	Cross Section	Type	Material	Page
Wiper Seals					
10	NUAONKE		LBH	NBR	194-195
	NOK			FKM	
11	NUOANKE		DH/DHS	PU	196-197
	DINGZING				
12	NUOANKE		ZHM (Pneumatic)	NBR	198-199
				FKM	
13	NUOANKE		WA1	PU NBR FKM	200-201
14	NUOANKE		AL5	PTFE Bronze	202-203
15	NUOANKE		GPTA	PTFE Bronze	204-205
16	NUOANKE		H38	PU	206-208
17	NUOANKE		WP6	NBR	209-210
				FKM	
18	NUOANKE		W17	NBR	211-212
				FKM	
19	NUOANKE		PDR (Pneumatic)	NBR	213
				FKM	
20	NUOANKE		GHP	PU	214-215
	TECNOLAN				
21	NUOANKE		GHK	PU	216-217
	TECNOLAN				
22	NUOANKE		GPW	PU	218-219
	TECNOLAN				
23	NUOANKE		JA	NBR	220-221
				PU	
24	NUOANKE		J	PU	222-223
25	NUOANKE		A1	PU NBR FKM	224-225
26	NUOANKE		A5	PU	226-227
27	NUOANKE		A8	PU	228-229
28	NUOANKE		SCK	NBR	230-231
				FKM	
29	KASTAS		K05	PU	232-233
30	KASTAS		K06	PU	234-236
31	KASTAS		K09	PU	237-238

No.	Brand	Cross Section	Type	Material	Page
Wiper Seals					
32	KASTAS		K10	NBR	239-240
33	KASTAS		K30 (Pneumatic)	NBR STEEL	241
34	NUOANKE		EM	PU	242
35	NUOANKE		LBI	PU	243-244
	NOK				
36	NUOANKE		DSI	PU	245-246
	NOK				
37	Hallite		839	PU	247-248
Guide Seals					
1	NUOANKE		KZT	PTFE	258-259
2	NUOANKE		Wear Ring	POM	260-264
				PA	
				PTFE Bronze	
				Phenolic Fabric	
3	NUOANKE		Guide Tape	PTFE Bronze	265-266
				Phenolic Fabric	
Buffer Seals					
1	NUOANKE		PP (Pneumatic)	PU	249
2	NUOANKE		PBR (Pneumatic)	NBR	250
3	NUOANKE		HBY	PU	251
	NOK				
Base Seals					
1	NUOANKE		BRT (Back-up Ring)	PTFE	252-257
				POM	
2	NUOANKE		BS/A (Bonded Washer)	NBR	267-268

Different Brands Hydraulic Seals Cross Reference

Brand	NUOANKE	NOK	DINGZING	Simrit-Merkel	Trelleborg	Parker	SKF	KASTAS	Hallite	TECNOLAN
Original	China	Japan	Taiwan (China)	Germany	Germany	U.S.A	Sweden	Turkey	U.K	Italy
Piston & Rod Seal	UPH	UPH								
	USH	USH								
	Y									
	UPI	UPI						K21		
	USI	USI								
	YA									
	MYA (Pneumatic)									
	601								601	
	TSE							K36		TSE
	SEG							K37		TSE/Al
	V	V96H						K01	11	GT/7
Rod Seal	UN		UN					K22		TTI
	U+S									
	UTS									
	UHS									
	UNS									
	UNR									
	UHR									
	QYd (Pneumatic)									
	IDU									
	VES	V99F		ES/ESV					9	
	TGO								15	TGO
	B18								18	
	GSI					ON	S09-D			
	SPN	SPN								

Different Brands Hydraulic Seals Cross Reference

Cross Section	NUOANKE	NOK	DINGZING	Simrit-Merkel	Trelleborg	Parker	SKF	KASTAS	Hallite	TECNOLAN	
Rod Seal	GSJ	HBTS		OMS-MR	Step seal	OD	S09-E	K35	16	GIR	
	GSJ (PU)						S09-P			GIP	
	C1 (Pneumatic)					C1					
	EU (Pneumatic)							K51			
	E8 (Pneumatic)							K56			
	IDI	IDI									
	ISI	ISI									
	605								605		
	K33							K33			
	BS					BS					
	BA		D-6						513		
	BD					BD			631		
	PSE							K34		PSE	
	OER				M15	TGR	OR	R09-F	K702		O2
	RVA Spring Seal					RVA		S19-F	K701		
Piston Seal	UNP										
	UHP										
	QYD (Pneumatic)										
	ODU										
	D56										
	SPGO	SPGO		OMK-MR	Glydring	OE	K08-D	K17	54	GER	
	SPGO (PU)						K08-P	K15			
	GSD			OMK-E		OG	K08-E	K41			
	SPG	SPG							714		
	SPGW	SPGW		L27		CT		K19	735	PDH	
	AQ					CQ		K753			

Different Brands Hydraulic Seals Cross Reference

Cross Section	NUOANKE	NOK	DINGZING	Simrit-Merkel	Trelleborg	Parker	SKF	KASTAS	Hallite	TECNOLAN	
Piston Seal	CQ				AQ-Seal						
	H754								754		
	TTO									TTO	
	OK					OK				TUT	
	KR					KR				TTR	
	Z8 (Pneumatic)										
	E4 (Pneumatic)					E4					
	C2 (Pneumatic)					C2					
	PAP (Pneumatic)										
	AGP (Pneumatic)										
	Z5 (Pneumatic)										
	ZT (Pneumatic)										
	COP (Pneumatic)										
	PPD										
	CSP										
	RGU										
	PDP (Pneumatic)								K57		
	TDP (Pneumatic)								K25		
	PPZ (Pneumatic)								K54		
	ODI	ODI									
	OSI	OSI									
	DAS/ KDAS						ZW		K18	780	
	TPM										TPM
	PDE								K42		PDE
	SM								K16		
	TDE										TDE
OEP				M16	TGP	OQ	R10-F	K702			

Different Brands Hydraulic Seals Cross Reference

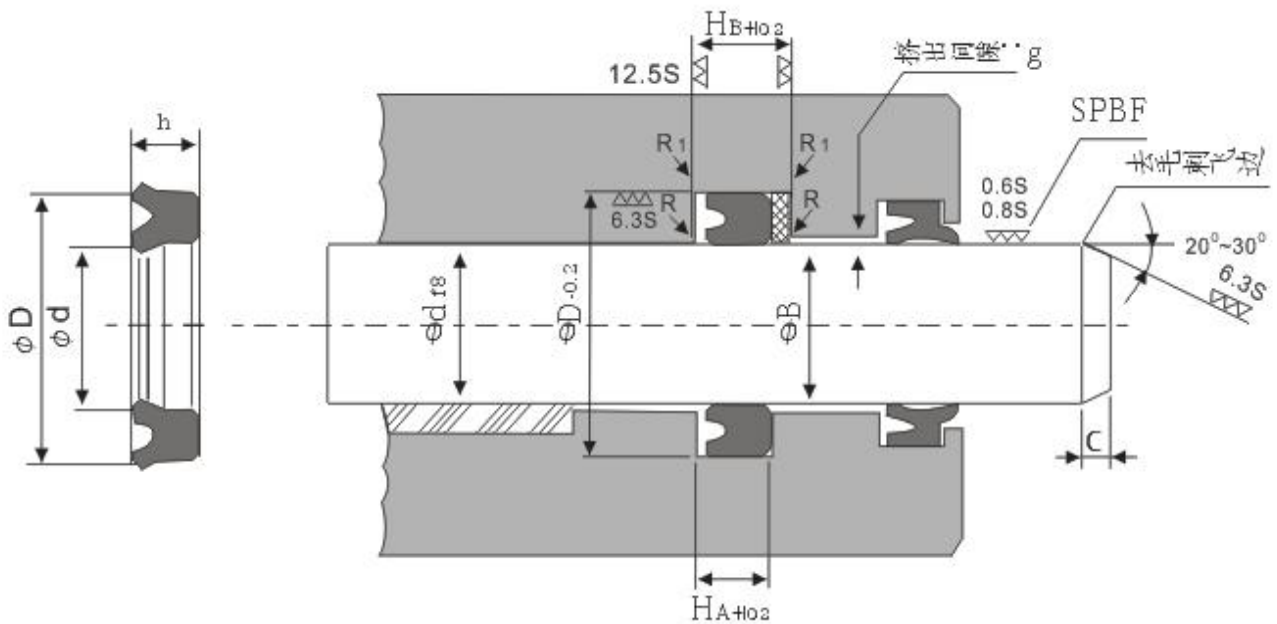
Cross Section	NUOANKE	NOK	DINGZING	Simrit-Merkel	Trelleborg	Parker	SKF	KASTAS	Hallite	TECNOLAN
Piston Seal	PVA Spring Seal				PVA		K19-F	K751		
	65							K20	65	
Wiper Seal	DKB	DKB								
	DKBI	DKBI	ME-1					K12	913	
	GA					AM			860	
	DKI	DKI								
	DWI	DWI	ME-2			AF			862	
	DLI	DLI								
	VAY	VAY								
	H32		DH-03							
	LBH	LBH								
	DH/DHS		DH					K27		
	ZHM (Pneumatic)							K52		
	WA1									
	AL5					AD	A27-F	K703	335	
	GPTA				PT1		A26-F			
	H38									
	WP6				P6					GHM
	W17				P8					
	PDR (Pneumatic)									
	GHP			DH-04						GHP
	GHK								831	GHK
GPW			DH-07						GPW	
JA										
J										
A1						A1		834		

Different Brands Hydraulic Seals Cross Reference

Cross Section	NUOANKE	NOK	DINGZING	Simrit-Merkel	Trelleborg	Parker	SKF	KASTAS	Hallite	TECNOLAN
Wiper Seal	A5		DH-05							
	A8									
	SCK									
	K05							K05		
	K06							K06		
	K09							K09		
	K10							K10		
	K30							K30		
	EM									
	LBI	LBI								
	DSI	DSI								
	839								839	
Buffer Seal	PP (Pneumatic)							K53		
	PBR (Pneumatic)									
	HBY	HBY	D-10				S02-S	K29		BUFFER
Base Seal	Back-up Ring	BRT					ST08	K81	117	
	BS/A								130	
Guide Seal	KZT	KZT								
	Wear Ring	WR				FK	F01	K73		AFI AFE
	Guide Tape	RYT				F3		KBT	506	TF



SEAL INFORMATION	
Material	NBR / FKM
Temperature range	-30~230°C
Max pressure	≤ 32 MPa
Max speed	≤ 0.5 m/s
Application	Both piston and rod.



Part No.	SIZE		
	d	D	h
UPH-5	5	12	5.5
UPH-6.3A	6.3	16.3	7.5
UPH-6.3	6.3	16.3	8
UPH-7.1A	7.1	17.1	7.5
UPH-7.1	7.1	17.1	8
UPH-8A	6	18	7.5
UPH-8	8	18	
UPH-9A	9	19	7.5
UPH-9	9	19	8
UPH-10B	10	16	4
UPH-10C	10	20	6
UPH-10A	10	20	7.5

Part No.	SIZE		
	d	D	h
UPH-10	10	20	8
UPH-11.2A	11.2	21.2	7.5
UPH-11.2	11.2	21.2	8
UPH-12A	12	18	6
UPH-12B	12	20	6
UPH-12	12	22	8
UPH-12.5A	12.5	22.5	7.5
UPH-12.5	12.5	22.5	8
UPH-14A	14	24	7.5
UPH-14	14	24	8
UPH-15B	15	25	6
UPH-15	15	25	8

Part No.	SIZE		
	d	D	h
UPH-15A	15	28	10
UPH-16C	16	20	4
UPH-16A	16	26	7.5
UPH-16	16	26	8
UPH-16B	16	32	10
UPH-18C	18	25	6.5
UPH-18	18	28	8
UPH-18A	18	31	10
UPH-18B	18	33	10
UPH-18.5	18.5	31.5	10
UPH-20	20	27	4
UPH-20	20	30	8

Part No.	SIZE		
	d	D	h
UPH-20B	20	33	10
UPH-20A	20	35	10
UPH-20C	20	40	10
UPH-21.5	21.5	31.5	8
UPH-22B	22	32	6.5
UPH-22	22	32	8
UPH-22A	22	35	10
UPH-22.4	22.4	32.4	8
UPH-22.4A	22.4	35.4	10
UPH-25D	25	35	7.3
UPH-25	25	35	8
UPH-25A	25	38	10
UPH-25B	25	40	10
UPH-25C	25	45	12
UPH-25.5	25.5	35.5	8
UPH-27	27	40	10
UPH-28C	28	38	8
UPH-28	28	43	10
UPH-28A	28	40	10
UPH-28B	28	41	10
UPH-30C	30	40	6.7
UPH-30B	30	40	8
UPH-30A	30	43	10
UPH-30	30	45	10
UPH-31.5A	31.5	44.5	10
UPH-31.5	31.5	46.5	10
UPH-32C	32	45	10
UPH-32B	32	46	10
UPH-32	32	47	10
UPH-32A	32	48	10
UPH-34	34	50	12
UPH-35	35	50	10
UPH-35A	35	50	12
UPH-35B	35	51	12
UPH-35.5	35.5	50.5	10
UPH-35.5A	35.5	51.5	12
UPH-38B	38	50	7
UPH-38A	38	52	10
UPH-38	38	53	10
UPH-40	40	55	10
UPH-40D	40	55	10.5
UPH-40B	40	56	10
UPH-40C	40	56	12
UPH-40A	40	60	12
UPH-41	41	56	10
UPH-42	42	51	7.5
UPH-45E	45	53	7
UPH-45D	45	53	10
UPH-45C	45	60	7.5
UPH-45	45	60	10
UPH-45A	45	60	12
UPH-45B	45	61	12
UPH-45F	45	63	10
UPH-45G	45	65	12
UPH-47	47	63	12
UPH-4AA	48	60	6
UPH-48	48	63	10
UPH-49	49	60	7.5

Part No.	SIZE		
	d	D	h
UPH-50E	50	55	10
UPH-50F	50	55	12
UPH-50D	50	63	8
UPH-50	50	65	10
UPH-50A	50	66	12
UPH-50C	50	70	10
UPH-50B	50	70	12
UPH-51	51	71	12
UPH-52	52	65	8
UPH-53A	53	69	12
UPH-53	53	73	12
UPH-55G	55	64	5
UPH-55E	55	65	10
UPH-55F	55	65	12
UPH-55D	55	70	9
UPH-55A	55	71	12
UPH-55	55	75	12
UPH-55C	55	80	12
UPH-55B	55	80	15
UPH-56A	56	72	12
UPH-56	56	76	12
UPH-60C	60	68	6
UPH-60B	60	75	9
UPH-60A	60	76	12
UPH-60	60	80	12
UPH-62	62	75	7.5
UPH-63B	63	78	10
UPH-63A	63	79	12
UPH-63	63	83	12
UPH-64	64	80	12
UPH-65C	65	00	9
UPH-65B	65	80	12
UPH-65A	65	81	12
UPH-65	65	B5	12
UPH-67	67	87	12
UPH-67A	67	87	15
UPH-68B	68	78	12
UPH-68A	68	80	6
UPH-68	68	80	9
UPH-69	69	90	10
UPH-70E	70	00	12
UPH-70B	70	85	9
UPH-70D	70	85	10
UPH-70C	70	85	12
UPH-70	70	90	12
UPH-70A	70	90	15
UPH-71	71	91	12
UPH-71A	71	91	15
UPH-75C	75	88	10
UPH-75B	75	90	9
UPH-75	75	95	12
UPH-75A	75	95	15
UPH-75D	75	100	12.5
UPH-75E	75	100	16
UPH-80C	80	95	9
UPH-80B	80	95	12
UPH-80	80	100	12
UPH-80A	80	100	15

Part No.	SIZE		
	d	D	h
UPH-82	82	102	13
UPH-85B	85	100	9
UPH-85	85	105	12
UPH-85A	85	105	15
UPH-90H	90	100	5
UPH-90G	90	100	12
UPH-90F	90	102	14
UPH-90	90	110	12
UPH-90E	90	105	12
UPH-90C	90	110	13
UPH-90B	90	110	15
UPH-90D	90	115	13
UPH-90A	90	120	15
UPH-92	92	112	12
UPH-92A	92	112	15
UPH-95C	95	110	12
UPH-95	95	115	12
UPH-95A	95	115	15
UPH-95B	95	120	15
UPH-100D	100	110	5
UPH-100	100	120	12
UPH-100C	100	120	14
UPH-100B	100	120	15
UPH-100A	100	125	15
UPH-105	105	125	12
UPH-105	105	125	15
UPH-106	106	126	15
UPH-110B	110	125	12
UPH-110A	110	130	12
UPH-110	110	130	15
UPH-112	112	132	15
UPH-112B	112	136	11.7
UPH-112A	112	136	12
UPH-115A	115	135	12
UPH-115	115	135	15
UPH-118	118	138	15
UPH-120	120	130	7
UPH-120A	120	140	12
UPH-120	120	140	15
UPH-120B	120	140	18
UPH-125C	125	145	11
UPH-125A	125	145	12
UPH-125	125	145	15
UPH-125B	125	150	19
UPH-126	126	138	9
UPH-127	127	140	10
UPH-130B	130B	145	12
UPH-130C	130	150	12
UPH-130	130	150	15
UPH-130A	130	155	19
UPH-132	132	152	15
UPH-132A	132	157	19
UPH-135C	135	155	12
UPH-135	135	155	15
UPH-135A	135	160	15.7
UPH-135B	135	160	19
UPH-138	138	153	8.5
UPH-140B	140	160	12

Part No.	SIZE		
	d	D	h
UPH-140	140	160	15
UPH-140A	140	165	19
UPH-140C	140	180	30
UPH-145	145	165	15
UPH-145A	145	175	15
UPH-145B	145	170	19
UPH-150A	150	170	12
UPH-150	150	170	15
UPH-150C	150	175	15
UPH-150B	150	175	19
UPH-150E	150	180	15
UPH-153	153	178	16
UPH-155	155	180	15
UPH-155A	155	180	15.7
UPH-155B	155	180	19
UPH-160B	160	180	12
UPH-160F	160	180	15
UPH-160C	160	180	16
UPH-160	160	185	15
UPH-160A	160	185	19
UPH-160E	160	190	16
UPH-160D	160	190	18
UPH-165B	165	180	5
UPH-165	165	190	15
UPH-165A	165	190	19
UPH-165C	165	220	41
UPH-170A	170	190	12
UPH-170C	170	190	16
UPH-170	170	195	15
UPH-170B	170	195	19
UPH-175	175	200	15
UPH-175B	175	200	15.7
UPH-175A	175	200	19
UPH-180E	180	196	18
UPH-180B	180	200	15
UPH-180	180	205	15
UPH-180C	180	205	16
UPH-180A	180	205	19
UPH-180D	180	206	16
UPH-185A	185	205	12
UPH-185	185	210	15
UPH-190B	190	210	16
UPH-190	190	215	15
UPH-190A	190	215	19
UPH-195	195	215	12
UPH-199	199	224	15
UPH-199B	199	224	15.7
UPH-199A	199	224	19
UPH-200A	200	220	15
UPH-200F	200	220	18
UPH-200	200	225	15
UPH-200B	200	225	19
UPH-200D	200	226	16
UPH-200E	200	228	16
UPH-200C	200	240	30
UPH-200G	200	240	35
UPH-205	205	230	18
UPH-205A	205	235	18

Part No.	SIZE		
	d	D	h
UPH-210A	210	230	12
UPH-210	210	235	18
UPH-210B	210	240	18
UPH-212	212	237	19
UPH-215	215	235	12
UPH-215	215	240	19
UPH-217	217	242	16
UPH-220C	220	245	12
UPH-220	220	245	18
UPH-220B	220	250	18
UPH-220A	220	250	22
UPH-224	224	249	19
UPH-225A	225	250	18
UPH-225	225	250	19
UPH-230	230	255	18
UPH-230A	230	260	19
UPH-235	235	260	12
UPH-235A	235	260	16
UPH-236	236	261	19
UPH-240	240	265	18
UPH-245B	245	265	15
UPH-245	245	270	16
UPH-245A	245	285	38
UPH-250	250	275	19
UPH-250A	250	280	17
UPH-250B	250	290	25.5
UPH-250C	250	295	25
UPH-255	255	280	19
UPH-256	256	280	11.7
UPH-260	260	285	19
UPH-260A	260	290	18
UPH-260B	260	305	27
UPH-265A	265	290	16
UPH-265	265	295	19
UPH-265B	265	305	20
UPH-268A	268	282	7
UPH-268	268	306	22
UPH-270	270	300	18
UPH-270A	270	300	24
UPH-275	275	300	16
UPH-275A	275	300	19
UPH-280D	280	300	15
UPH-280E	280	305	16
UPH-280	280	310	19
UPH-280B	280	310	22
UPH-280C	280	312	24
UPH-280A	280	325	38
UPH-280F	280	320	21
UPH-283	283	308	13
UPH-290	290	320	18
UPH-290A	290	320	22
UPH-290B	290	320	24
UPH-300G	300	325	20
UPH-300C	300	325	22
UPH-300	300	330	19
UPH-300A	300	332	24
UPH-300D	300	340	25
UPH-300	300	340	26

Part No.	SIZE		
	d	D	h
UPH-300H	300	340	27
UPH-300E	300	345	38
UPH-300B	300	350	27
UPH-300F	300	350	38
UPH-304	304	340	26
UPH-305B	305	345	38
UPH-305A	305	350	27
UPH-305	305	350	38
UPH-310	310	340	18
UPH-310A	310	340	22
UPH-315B	315	340	19
UPH-315A	315	345	22
UPH-315	315	347	24
UPH-317	317	330	7.2
UPH-320A	320	340	12
UPH-320C	320	345	15
UPH-320B	320	350	15
UPH-320	320	350	22
UPH-320D	320	360	28
UPH-323	323	355	24
UPH-325	325	350	16
UPH-330D	330	350	15
UPH-330A	330	355	16
UPH-330B	330	356	20
UPH-330C	330	360	20
UPH-330	330	360	22
UPH-335	335	355	14
UPH-335A	335	367	24
UPH-340	340	370	22
UPH-341	341	365	13
UPH-345	345	365	14
UPH-350D	350	370	10
UPH-350A	350	370	14
UPH-350F	350	370	15
UPH-350	350	380	22
UPH-350B	350	390	22
UPH-350C	350	400	25
UPH-355	355	385	22
UPH-355A	355	387	24
UPH-355B	355	390	25
UPH-360	360	390	22
UPH-360A	360	400	32
UPH-365	365	395	22
UPH-368	368	400	24
UPH-370B	370	400	15
UPH-370	370	400	23
UPH-370A	370	400	25
UPH-371	371	398	16
UPH-375	375	407	24
UPH-380	380	400	15
UPH-380A	380	410	15
UPH-380C	380	420	22
UPH-380B	380	420	30
UPH-385	385	415	22
UPH-390A	390	415	20
UPH-390	390	420	22
UPH-395	395	425	15
UPH-395A	395	425	18

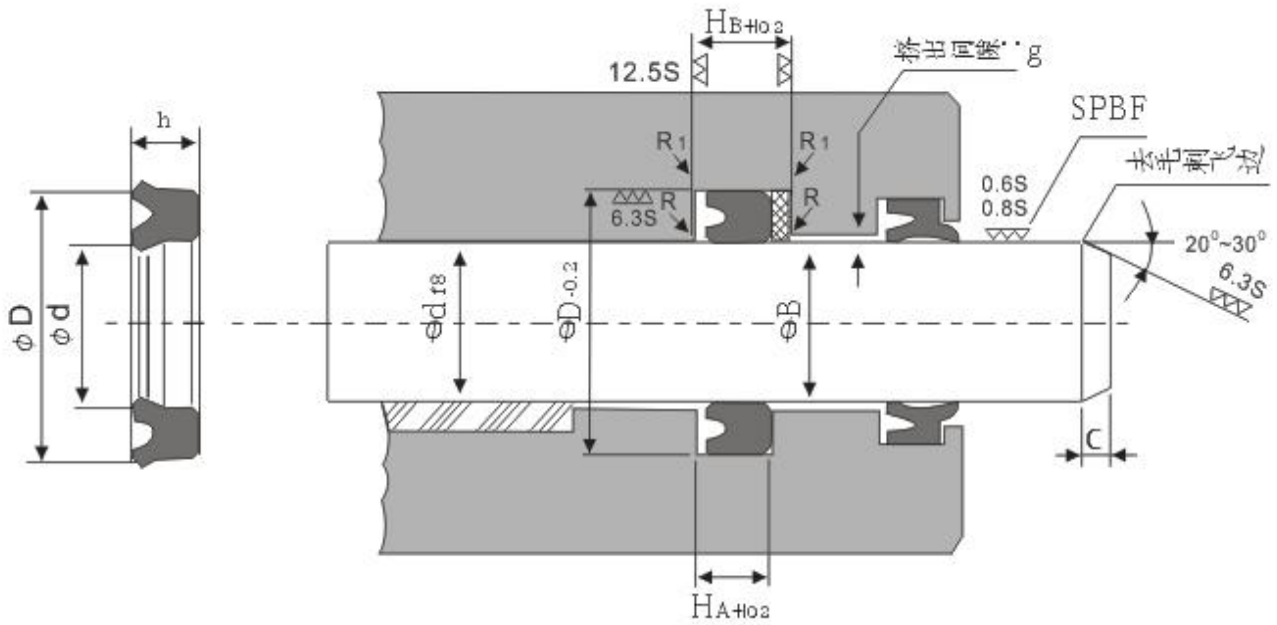
Part No.	SIZE		
	d	D	h
UPH-395	395	425	22
UPH-400A	400	430	22
UPH-400B	400	430	25
UPH-400C	400	432	24
UPH-400	400	440	24
UPH-420	420	455	25
UPH-425	425	457	24
UPH-430	430	460	22
UPH-430A	430	470	20
UPH-435A	435	465	24
UPH-435	435	470	25
UPH-440	440	480	35
UPH-445	445	470	18
UPH-445A	445	485	18
UPH-450B	450	475	20
UPH-450	450	480	22
UPH-450A	450	482	24
UPH-460	460	500	20
UPH-475A	475	495	15
UPH-475	475	507	24
UPH-480	480	505	18
UPH-480A	480	520	24
UPH-490	490	530	25
UPH-518	518	568	50
UPH-520	520	550	17
UPH-525	525	555	15
UPH-530	530	570	20
UPH-540	540	560	14
UPH-540A	540	580	24
UPH-545	545	580	24
UPH-550	550	585	24
UPH-570	570	600	17
UPH-600	600	630	20
UPH-600A	600	630	28
UPH-600B	600	640	30
UPH-610	610	670	48
UPH-640	640	685	25
UPH-665	665	715	50
UPH-670	670	700	22
UPH-690	690	720	22
UPH-700	700	730	15
UPH-700A	700	740	24
UPH-760	760	800	34
UPH-768	768	800	30
UPH-800	800	850	40
UPH-818	818	850	24
UPH-825	825	850	15.5
UPH-825A	825	860	27
UPH-840	840	868	23
UPH-925	925	950	14
UPH-950	950	980	20
UPH-1020	1020	1050	18
UPH-1025	1025	1055	15
UPH-1100	1100	1140	20
UPH-1220	1220	1280	30
UPH-1560	1560	1600	20
UPH-1620	1620	1680	30



USH

SEAL INFORMATION

Material	NBR / FKM
Temperature range	-30~230°C
Max pressure	≤ 21 MPa
Max speed	≤ 0.5 m/s
Application	Both piston and rod.



Part No.	SIZE		
	d	D	h
USH-5	5	10	5
USH-6.3	6.3	14	5.5
USH-10	10	18	5.8
USH-11.2	11.2	19.2	5
USH-11.5	11.5	19.5	6.2
USH-12	12	20	5
USH-12A	12	20	2.8
USH-12.5	12.5	20.5	5
USH-13A	13	19	4
USH-14	14	22	5
USH-16	16	24	5
USH-16A	16	24	6.2

Part No.	SIZE		
	d	D	h
USH-18	18	26	5
USH-20	20	28	5
USH-20A	20	28	4.6
USH-22	22	30	5
USH-22.4	22.4	30	5
USH-23.5	23.5	31.5	5
USH-24	24	32	5
USH-25	25	33	5
USH-25A	25	30	6
USH-27	27	35	5
USH-28	28	36	5
USH-28A	28	35.5	5

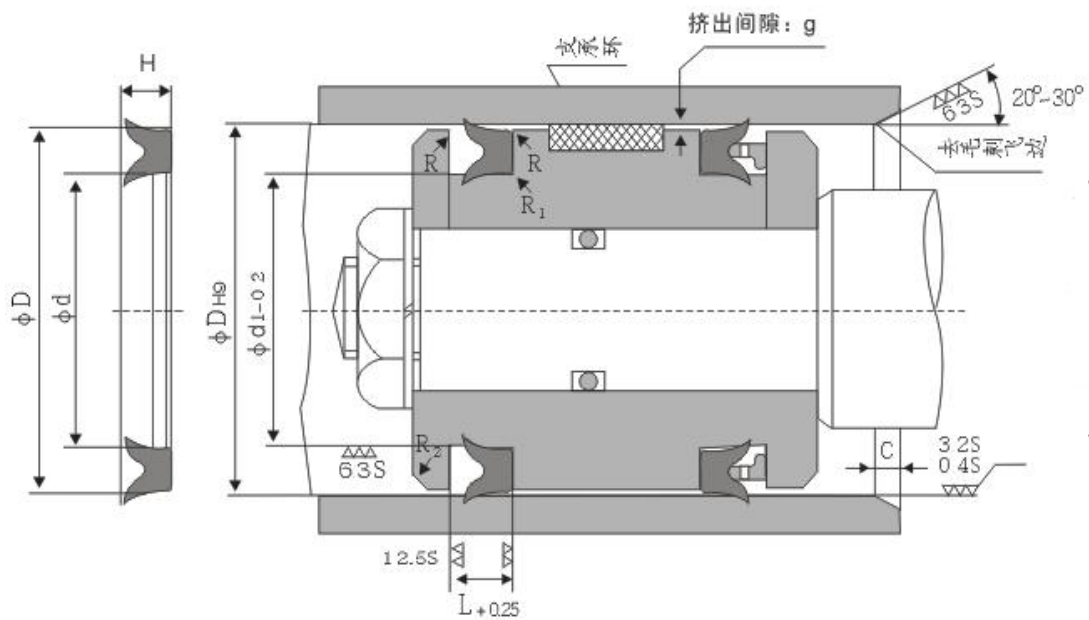
Part No.	SIZE		
	d	D	h
USH-28B	28	38	6
USH-30	30	40	6
USH-30A	30	38	6
USH-31.5	31.5	41.5	6
USH-32	32	42	6
USH-35	35	45	6
USH-35.5	35.5	45	6
USH-35.5A	35.5	45.5	6
USH-36	36	46	6
USH-38	38	48	6
USH-40	40	50	6
USH-45	45	56	7

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>h</i>
USH-45A	45	55	6
USH-50	50	60	6
USH-53	53	63	6
USH-55	55	65	6
USH-55A	55	65	10
USH-56	56	66	6
USH-58	58	68	6
USH-60	60	71	7
USH-60A	60	70	6
USH-63	63	73	6
USH-65	65	75	6
USH-65A	65	82	12
USH-67	67	77	6
USH-70	70	80	6
USH-70A	70	85	7.5
USH-70B	70	80	4.2
USH-71	71	80	6
USH-75	75	85	6
USH-80	80	90	6
USH-80A	80	90	9
USH-80B	80	94	8.1
USH-85	85	100	9
USH-85A	85	95	6
USH-88	68	100	8.5
USH-90	90	105	9
USH-90A	90	100	6
USH-95	95	110	9
USH-98	98	112	8.5
USH-100	100	115	9
USH-100A	100	112	9
USH-105	105	120	9
USH-106	106	120	8.5
USH-110	110	125	9
USH-112	112	125	9
USH-112A	112	125	8.5
USH-115	115	130	9
USH-118	118	132	8.5
USH-120	120	135	9
USH-125	125	140	9
USH-130	130	145	9
USH-132	132	145	8.5
USH-132A	132	147	9
USH-135	135	150	9
USH-136	136	150	8.5
USH-140	140	155	9
USH-145	145	160	9
USH-150	150	165	9
USH-155	155	170	9
USH-160	160	175	9
USH-160A	160	180	12
USH-162	162	177	9
USH-165	165	180	9
USH-170	170	185	9
USH-170A	170	190	12
USH-175	175	190	9
USH-180	180	200	12
USH-185	185	205	12
USH-190	190	210	12

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>h</i>
USH-195	195	215	12
USH-200	200	220	12
USH-204	204	224	12
USH-210	210	230	12
USH-215	215	235	12
USH-220	220	240	12
USH-224	224	244	12
USH-225	225	245	12
USH-230	230	250	12
USH-240	240	260	12
USH-250	250	270	12
USH-255	255	265	8
USH-260	260	280	14
USH-260A	260	285	16
USH-275	275	295	15
USH-280	280	300	14
USH-290	290	315	16
USH-295	295	315	14
USH-300	300	320	12
USH-300	300	325	16
USH-335	335	355	14
USH-355	355	375	14
USH-380	380	400	14
USH-400	400	420	14
USH-450	450	470	14
USH-500	500	525	17



SEAL INFORMATION	
Material	NBR / FKM
Temperature range	-30~230°C
Max pressure	≤ 20 MPa
Max speed	≤ 0.5 m/s
Application	Both piston and rod.



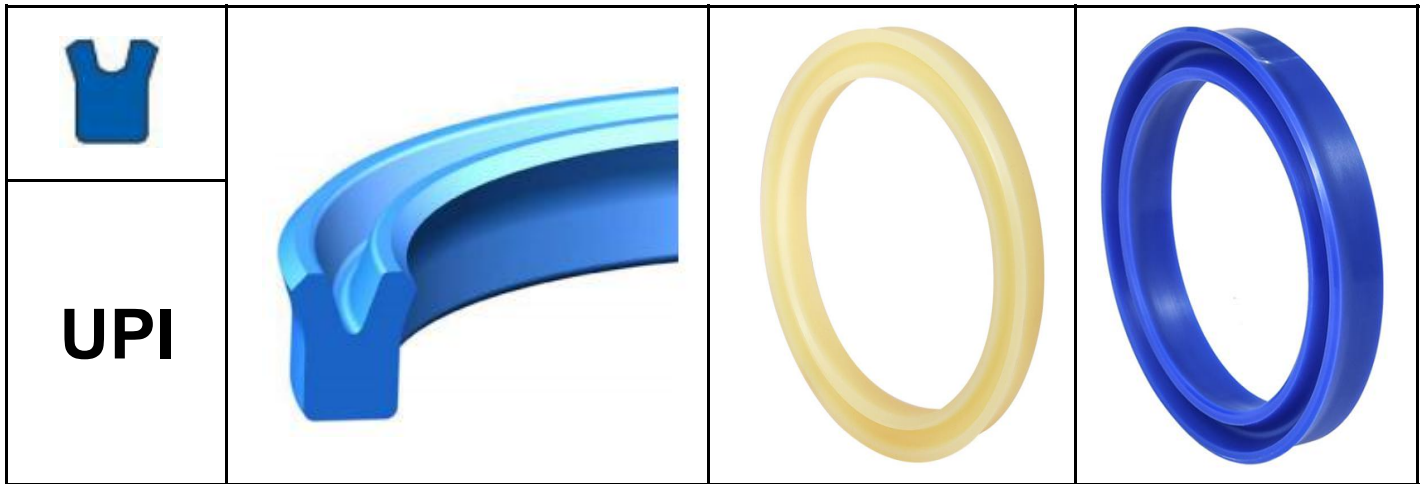
Part No.	SIZE		
	d	D	H
Y-6	6	14	4
Y-7	7	15	4
Y-8	8	16	4
Y-9	9	17	4
Y-10	10	18	4
Y-10A	10	22	6
Y-12	12	20	4
Y-12A	12	24	6
Y-13	13	25	6
Y-14	14	22	4
Y-14A	14	30	8
Y-16	16	24	4

Part No.	SIZE		
	d	D	H
Y-16A	16	28	6
Y-16B	16	32	8
Y-16C	16	24	6
Y-18	18	30	6
Y-19	19	35	8
Y-20	20	32	6
Y-20A	20	36	8
Y-20B	20	40	10
Y-22	22	38	B
Y-22A	22	42	10
Y-23	23	35	6
Y-24	24	40	8

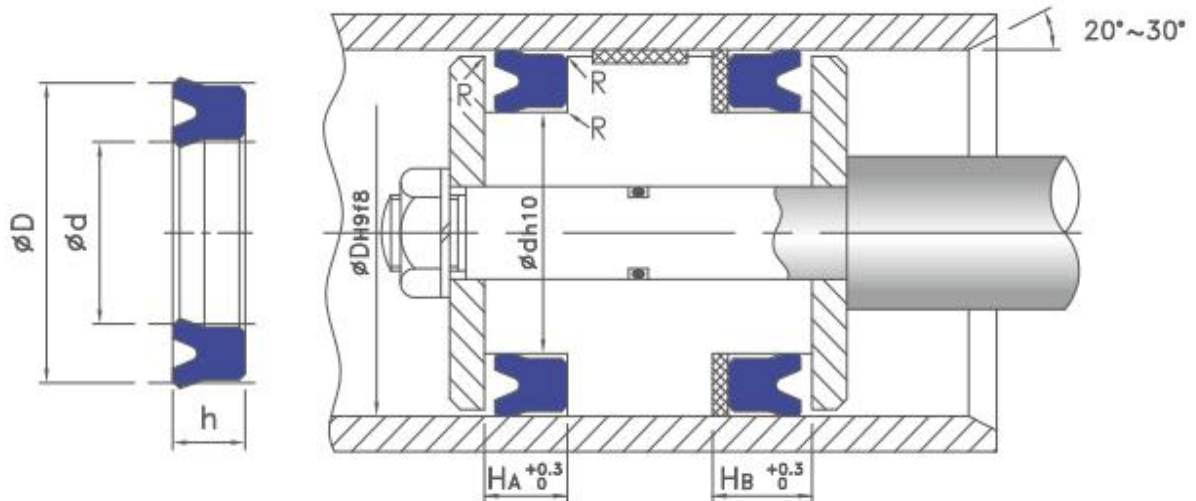
Part No.	SIZE		
	d	D	H
Y-25	25	45	10
Y-28	28	48	10
Y-30	30	50	10
Y-32	32	52	10
Y-32A	32	50	10
Y-35	35	55	10
Y-38	38	58	10
Y-40	40	60	10
Y-42	42	62	10
Y-45	45	65	10
Y-45A	45	75	15
Y-48	48	68	10

Part No.	SIZE		
	d	D	H
Y-50	50	70	10
Y-50A	50	75	12.5
Y-50B	50	80	15
Y-52	52	72	10
Y-55	55	75	10
Y-55A	55	80	12.5
Y-55B	55	85	15
Y-56	56	66	10
Y-60	60	80	10
Y-60A	60	85	12.5
Y-60B	60	90	15
Y-65	65	85	10
Y-65A	65	90	12.5
Y-65B	65	95	15
Y-70	70	90	10
Y-70A	70	95	12.5
Y-70B	70	100	15
Y-75	75	95	10
Y-75A	75	100	12.5
Y-75B	75	105	15
Y-80	80	100	10
Y-80A	80	105	12.5
Y-80B	80	110	15
Y-85	85	110	12.5
Y-85A	85	105	10
Y-85B	85	110	15
Y-90	90	115	15
Y-90A	90	120	15
Y-95	95	125	15
Y-95A	95	115	15
Y-100	100	130	15
Y-105	105	135	15
Y-105A	105	130	15
Y-110	110	140	15
Y-120	120	150	15
Y-125	125	155	15
Y-130	130	160	15
Y-140	140	170	15
Y-150	150	180	15
Y-160	160	190	15
Y-170	170	200	15
Y-180	180	210	15
Y-180B	180	220	15
Y-180A	180	220	20
Y-190	190	220	15
Y-190A	190	230	20
Y-200	200	230	15
Y-200A	200	240	20
Y-210	210	240	15
Y-210A	210	250	20
Y-220	220	260	20
Y-232	232	267	21.5
Y-240	240	280	20
Y-250	250	290	20
Y-260	260	300	20
Y-280	280	320	20
Y-300	300	340	20
Y-330	330	366	18

Part No.	SIZE		
	d	D	H
Y-332	332	373	18
Y-340	340	380	20
Y-360	360	400	20
Y-486	486	510	15
Y-490	490	530	20
Y-660	660	700	20
Y-710	710	750	28



SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max pressure	≤ 35 MPa
Max speed	≤ 1.0 m/s
Application	Both piston and rod.



$R \leq 0.3$

Part No.	SIZE		
	d	D	h
UPI	5	12	5.5
UPI	6	12	4
UPI	6	15	8
UPI	6	16	6
UPI	6.3	16.3	6
UPI	6.3	16.3	7.5
UPI	6.3	16.3	8
UPI	7.1	17.1	8
UPI	8	14	6
UPI	8	15	8
UPI	8	16	5
UPI	8	16	8

Part No.	SIZE		
	d	D	h
UPI	8	18	6
UPI	8	18	7.5
UPI	8	18	8
UPI	9	19	6
UPI	9	19	7.5
UPI	9	19	8
UPI	10	16	6
UPI	10	18	5
UPI	10	18	6
UPI	10	20	6
UPI	10	20	7.5
UPI	10	20	8

Part No.	SIZE		
	d	D	h
UPI	11.2	21.2	8
UPI	12	18	5
UPI	12	18	6
UPI	12	20	5
UPI	12	20	5.7
UPI	12	20	8
UPI	12	22	6
UPI	12	22	7.5
UPI	12	22	8
UPI	12	25	8
UPI	12.5	22.5	8
UPI	14	20	4

Part No.	SIZE		
	d	D	h
UPI	14	22	5.7
UPI	14	22	6
UPI	14	24	6
UPI	14	24	7.5
UPI	14	24	8
UPI	15	23	5.7
UPI	15	25	6
UPI	15	25	7.5
UPI	15	25	8
UPI	18	22	5
UPI	16	24	5.7
UPI	16	26	6
UPI	16	26	7.5
UPI	16	26	8
UPI	16	32	10
UPI	17	25	5
UPI	17	25	10
UPI	18	24	5
UPI	18	25	5
UPI	18	26	5.7
UPI	18	28	6
UPI	18	28	7.5
UPI	18	28	8
UPI	18	31	10
UPI	20	26	3.5
UPI	20	26	5
UPI	20	2B	5.7
UPI	20	28	8
UPI	20	30	6
UPI	20	30	8
UPI	20	33	10
UPI	20	35	10
UPI	20	35	12
UPI	20	37	12
UPI	20	40	10
UPI	20	40	12
UPI	21.5	31.5	8
UPI	22	28	4.5
UPI	22	30	5.7
UPI	22	30	8
UPI	22	32	6
UPI	22	32	7.5
UPI	22	32	8
UPI	22	34	10
UPI	22	35	10
UPT	224	30	5
UPI	22.4	32.4	6
UPI	22.4	32.4	8
UPI	24	32	6
UPI	25	33	5.7
UPI	25	33	6
UPI	25	33	8
UPI	25	35	5
UPI	25	35	6
UPI	25	35	7.5
UPI	25	35	8
UPI	25	35	10
UPI	25	38	8

Part No.	SIZE		
	d	D	h
UPI	25	38	10
UPI	25	40	9
UPI	25	40	10
UPI	25	40	12
UPI	25	45	12
UPI	25.5	35.5	8
UPI	28	35.5	5
UPI	28	36	5.7
UPI	28	38	6
UPI	28	38	5
UPI	28	40	10
UPI	28	41	8
UPI	28	41	10
UPI	28	43	10
UPI	30	37	6
UPI	30	38	5.7
UPI	30	38	6
UPI	30	38	7
UPI	30	38	8
UPI	30	40	5
UPI	30	40	7
UPI	30	40	8
UPI	30	40	10
UPI	30	43	10
UPI	30	45	9
UPI	30	45	10
UPI	30	45	12
UPI	30	46	10
UPI	30	50	10
UPI	30	50	12
UPI	31.5	41.5	8
UPI	31.5	46.5	9
UPI	31.5	46.5	10
UPI	32	40	5.5
UPI	32	40	6
UPI	32	40	10
UPI	32	42	5
UPI	32	42	7
UPI	32	42	8
UPI	32	42	10
UPI	32	45	10
UPI	32	46	10
UPI	32	47	10
UPI	32	47	11
UPI	32	48	10
UPI	33	43	6
UPI	34	44	6
UPI	34	50	12
UPI	35	43	5.7
UPI	35	43	6
UPI	35	43	7
UPI	35	43	8
UPI	35	45	5
UPI	35	45	7
UPI	35	45	8
UPI	35	45	10
UPI	35	48	10
UPI	35	50	9

Part No.	SIZE		
	d	D	h
UPI	35	50	10
UPI	35	50	12
UPI	35	55	10
UPI	35	55	12
UPI	35.5	45	6
UPI	35.5	50.5	10
UPI	35.5	51.5	12
UPI	36	44	5.7
UPI	36	44	8
UPI	36	46	6
UPI	36	46	10
UPI	37	47	10
UPI	38	48	10
UPI	38	50	8.5
UPI	38	52	10
UPI	38	53	10
UPI	38	55	10
UPI	38	58	10
UPI	40	48	5.7
UPI	40	48	6
UPI	40	48	7
UPI	40	48	8
UPI	40	50	5
UPI	40	50	8
UPI	40	50	10
UPI	40	52	8
UPI	40	52	10
UPI	40	53	8
UPI	40	55	9
UPI	40	55	10
UPI	40	55	12
UPI	40	56	10
UPI	40	60	10
UPI	40	60	12
UPI	41	56	10
UPI	42	50	5.7
UPI	44	60	10
UPI	45	53	5.7
UPI	45	53	6
UPI	45	53	7
UPI	45	53	8
UPI	45	55	5
UPI	45	55	8
UPI	45	55	10
UPI	45	56	7
UPI	45	60	9
UPI	45	60	10
UPI	45	60	12
UPI	45	61	10
UPI	45	63	10
UPI	45	65	10
UPI	45	65	12
UPI	46	70	12
UPI	46	60	10
UPI	46	63	10
UPI	50	63	10
UPI	50	58	6
UPI	50	58	7

Part No.	SIZE		
	d	D	h
UPI	50	58	8
UPI	50	60	8
UPI	50	60	10
UPI	50	60	12
UPI	50	62	12
UPI	50	63	8
UPI	50	63	10
UPI	50	65	9
UPI	50	65	10
UPI	50	65	12
UPI	50	66	12
UPI	50	70	10
UPI	50	70	12
UPI	51	71	12
UPI	52	62	10
UPI	53	63	5
UPI	53	63	6
UPI	53	63	8
UPI	53	63	10
UPI	53	63	12
UPI	53	65	8
UPI	53	69	12
UPI	53	73	12
UPI	55	63	6
UPI	55	63	8
UPI	55	65	7
UPI	55	65	8
UPI	55	65	10
UPI	55	65	12
UPI	55	66	5
UPI	55	70	9
UPI	55	70	12
UPI	55	71	12
UPI	55	75	10
UPI	55	75	12
UPI	55	80	15
UPI	56	66	10
UPI	56	72	12
UPI	56	76	12
UPI	58	78	12
UPI	60	68	6
UPI	60	68	7
UPI	60	68	8
UPI	60	68	12
UPI	60	70	5
UPI	60	70	7
UPI	60	70	8
UPI	60	70	8.5
UPI	60	70	10
UPI	60	70	12
UPI	60	71	7
UPI	60	75	9
UPI	60	75	10
UPI	60	75	12
UPI	60	76	12
UPI	60	80	12
UPI	61	71	6
UPI	62	82	12

Part No.	SIZE		
	d	D	h
UPI	63	71	8
UPI	63	73	6
UPI	63	75	9
UPI	63	79	12
UPI	63	83	12
UPI	64	80	12
UPI	65	73	6
UPI	65	73	8
UPI	65	75	8
UPI	65	75	10
UPI	65	75	12
UPI	65	77	9
UPI	65	80	9
UPI	65	80	10
UPI	65	80	12
UPI	65	81	12
UPI	65	82	12
UPI	65	85	10
UPI	65	85	12
UPI	67	78	12
UPI	67	87	12
UPI	69	85	10.5
UPI	70	78	6
UPI	70	7B	8
UPI	70	80	8
UPI	70	80	10
UPI	70	80	12
UPI	70	82	9
UPI	70	83	10
UPI	70	85	9
UPI	70	85	10
UPI	70	85	12
UPI	70	90	10
UPI	70	90	12
UPI	70	90	15
UPI	71	80	6
UPI	71	91	12
UPI	71	91	15
UPI	75	83	6
UPI	75	83	8
UPI	75	85	8
UPI	75	85	10
UPI	75	85	12
UPI	75	87	9
UPI	75	88	10
UPI	75	90	9
UPI	75	90	10
UPI	75	90	12
UPI	75	95	10
UPI	75	95	11
UPI	75	95	12
UPI	75	95	15
UPI	76	86	8.5
UPI	77	87	12
UPI	79	95	11
UPI	80	88	8
UPI	80	90	5
UPI	80	90	7

Part No.	SIZE		
	d	D	h
UPI	80	90	8
UPI	80	90	9
UPI	80	90	10
UPI	80	90	12
UPI	80	92	9
UPI	80	93	10
UPI	80	95	9
UPI	80	95	10
UPI	80	95	12
UPI	80	100	10
UPI	80	100	12
UPI	80	100	15
UPI	85	93	8
UPI	85	93	11.5
UPI	85	95	8
UPI	85	95	10
UPI	85	95	12
UPI	85	100	9
UPI	85	100	10
UPI	85	100	12
UPI	85	100	12.5
UPI	85	105	12
UPI	85	105	15
UPI	87	100	9
UPI	90	98	8
UPI	90	98	11.5
UPI	90	100	6
UPI	90	100	8
UPI	90	100	10
UPI	90	100	12
UPI	90	100	15
UPI	90	102	9
UPI	90	105	9
UPI	90	105	10
UPI	90	105	11.4
UPI	90	105	12
UPI	90	110	10
UPI	90	110	12
UPI	90	110	15
UPI	90	115	15
UPI	92	112	12
UPI	95	103	8
UPI	95	105	6
UPI	95	105	8
UPI	95	105	10
UPI	95	105	12
UPI	95	107	9
UPI	95	110	10
UPI	95	110	12
UPI	95	115	10
UPI	95	115	12
UPI	95	115	15
UPI	95	120	15
UPI	97	110	9
UPI	98	112	9
UPI	100	108	8
UPI	100	108	11.5
UPI	100	110	6

Part No.	SIZE		
	d	D	h
UPI	100	110	8
UPI	100	110	10
UPI	100	110	12
UPI	100	115	10
UPI	100	115	12
UPI	100	120	10
UPI	100	120	12
UPI	100	120	15
UPI	100	125	15
UPI	105	113	11.5
UPI	105	115	12
UPI	105	120	9
UPI	105	120	10
UPI	105	120	12
UPI	105	125	12
UPI	105	125	15
UPI	105	135	12
UPI	106	120	8.5
UPI	106	121	10
UPI	106	126	15
UPI	110	118	11.5
UPI	110	120	12
UPI	110	125	9
UPI	110	125	10
UPI	110	125	16
UPI	110	130	10
UPI	110	130	12.2
UPI	110	130	15
UPI	112	127	9
UPI	112	132	15
UPI	115	125	8.5
UPI	115	135	15
UPI	118	132	9
UPI	118	138	15
UPI	120	135	10
UPI	120	135	19
UPI	120	130	12
UPI	120	135	9
UPI	120	135	12
UPI	120	140	9
UPI	120	140	15
UPI	125	135	12
UPI	125	140	11
UPI	125	140	12
UPI	125	140	15
UPI	125	145	15
UPI	125	145	19
UPI	125	150	10
UPI	125	150	19
UPI	130	140	12
UPI	130	145	12
UPI	130	150	10
UPI	130	150	12
UPI	130	150	15
UPI	130	155	19
UPI	130	160	15
UPI	130	160	19
UPI	132	152	15

Part No.	SIZE		
	d	D	h
UPI	135	150	10
UPI	135	145	12
UPI	135	155	12
UPI	135	155	15
UPI	135	160	19
UPI	136	150	9
UPI	140	150	12
UPI	140	155	10
UPI	140	155	12
UPI	140	160	10
UPI	140	160	12
UPI	140	160	15
UPI	140	165	15
UPI	140	165	19
UPI	140	170	19
UPI	145	155	12
UPI	145	160	12
UPI	145	165	12
UPI	145	165	15
UPI	145	170	19
UPI	150	160	12
UPI	150	165	12
UPI	150	170	10
UPI	150	170	12
UPI	150	170	15
UPI	150	175	15
UPI	150	175	19
UPI	150	180	18
UPI	155	165	12
UPI	155	170	12
UPI	155	180	12
UPI	155	180	15
UPI	155	180	19
UPI	156	174	10.5
UPI	160	170	12
UPI	160	175	12
UPI	160	180	10
UPI	160	180	12
UPI	160	180	15
UPI	160	180	16
UPI	160	185	15
UPI	160	185	19
UPI	165	180	12
UPI	165	185	12
UPI	165	190	15
UPI	165	190	19
UPI	170	185	12
UPI	170	190	12
UPI	170	190	16
UPI	170	195	15
UPI	170	195	19
UPI	170	200	12
UPI	170	200	15
UPI	175	190	12
UPI	175	200	15
UPI	175	200	19
UPI	180	200	15
UPI	180	200	16

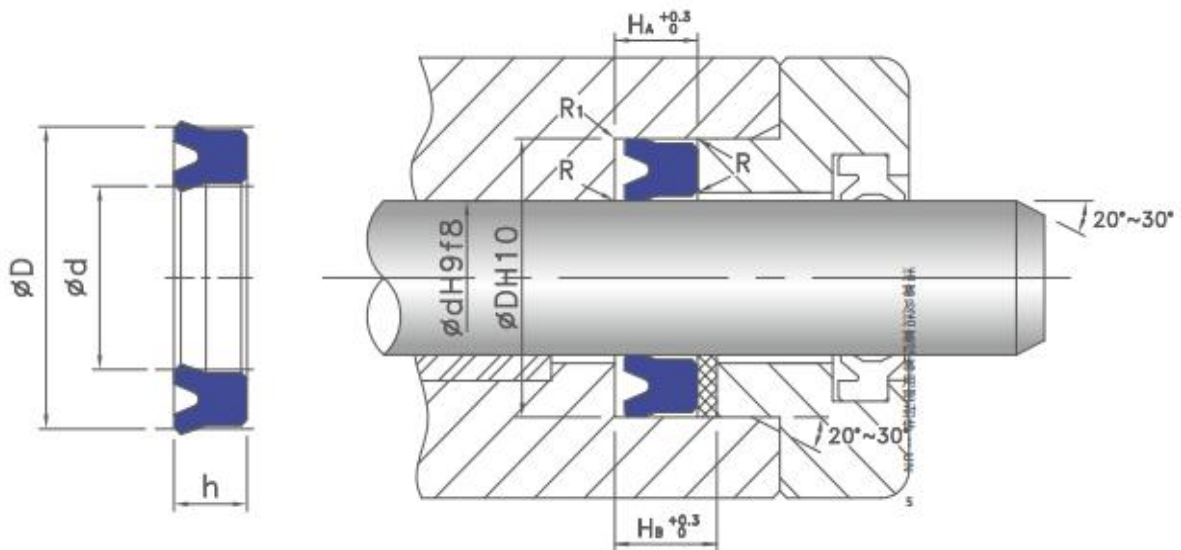
Part No.	SIZE		
	d	D	h
UPI	180	205	15
UPI	180	205	19
UPI	180	205	20
UPI	180	210	15
UPI	185	200	12
UPI	185	210	15
UPI	190	210	12
UPI	190	210	15
UPI	190	215	15
UPI	190	215	16
UPI	190	215	19
UPI	195	215	12
UPI	195	215	16
UPI	195	220	16
UPI	199	224	15
UPI	200	220	15
UPI	200	220	16
UPI	200	225	15
UPI	200	225	18
UPI	200	230	15
UPI	200	235	18
UPI	205	235	18
UPI	210	230	15
UPI	210	235	15
UPI	210	235	18
UPI	210	240	18
UPI	212	237	18
UPI	215	240	16
UPI	215	240	19
UPI	220	240	15
UPI	220	245	16
UPI	220	245	18
UPI	220	250	15
UPI	220	250	18
UPI	224	249	18
UPI	225	245	16
UPI	225	250	16
UPI	225	250	18
UPI	230	250	16
UPI	230	254	18
UPI	230	255	18
UPI	230	260	18
UPI	236	261	18
UPI	240	260	10
UPI	240	265	16
UPI	240	265	18
UPI	250	270	16
UPI	250	275	16
UPI	250	275	18
UPI	250	280	18
UPI	260	285	16
UPI	260	285	19
UPI	260	290	18
UPI	264	290	18
UPI	265	295	16
UPI	265	295	18
UPI	265	297	19
UPI	270	287	10

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>h</i>
UPI	270	295	16
UPI	270	295	19
UPI	270	300	18
UPI	270	300	24
UPI	280	300	12
UPI	280	300	15
UPI	280	305	14
UPI	280	305	16
UPI	280	310	18
UPI	280	310	22
UPI	280	312	24
UPI	290	320	18
UPI	290	320	24
UPI	300	325	16
UPI	300	325	19
UPI	300	330	18
UPI	300	332	24
UPI	310	340	22
UPI	315	345	22
UPI	320	350	15
UPI	320	350	18
UPI	320	350	22
UPI	320	360	25
UPI	323	355	24
UPI	330	360	20
UPI	330	360	22
UPI	330	370	28
UPI	340	370	22
UPI	350	380	22
UPI	350	390	28
UPI	355	385	22
UPI	370	400	22
UPI	375	405	22
UPI	380	410	22
UPI	385	415	22
UPI	390	420	22
UPI	400	425	22
UPI	400	430	22
UPI	405	440	25
UPI	410	445	25
UPI	410	460	35
UPI	415	450	25
UPI	420	455	25
UPI	425	460	25
UPI	430	460	22
UPI	430	465	25
UPI	431	457.2	18
UPI	435	470	25
UPI	440	470	19
UPI	440	475	28
UPI	445	480	25
UPI	450	485	25
UPI	456	490	30
UPI	460	495	25
UPI	465	500	26.5
UPI	470	505	25
UPI	475	510	25
UPI	480	515	25

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>h</i>
UPI	490	530	25
UPI	500	535	25
UPI	500	540	25
UPI	507	547	28
UPI	525	565	28
UPI	530	570	25
UPI	540	575	23
UPI	560	600	28
UPI	595	640	28
UPI	600	650	32
UPI	650	690	25
UPI	660	700	32
UPI	680	720	32
UPI	695	745	32
UPI	700	750	35
UPI	730	750	30
UPI	755	800	32
UPI	800	830	20
UPI	800	850	35
UPI	850	900	35
UPI	870	900	20
UPI	920	970	35
UPI	1050	1100	30
UPI	1096	1146	30
UPI	1150	1200	30
UPI	1380	1430	30



SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max pressure	≤ 21 MPa
Max speed	≤ 1.0 m/s
Application	Both piston and rod.



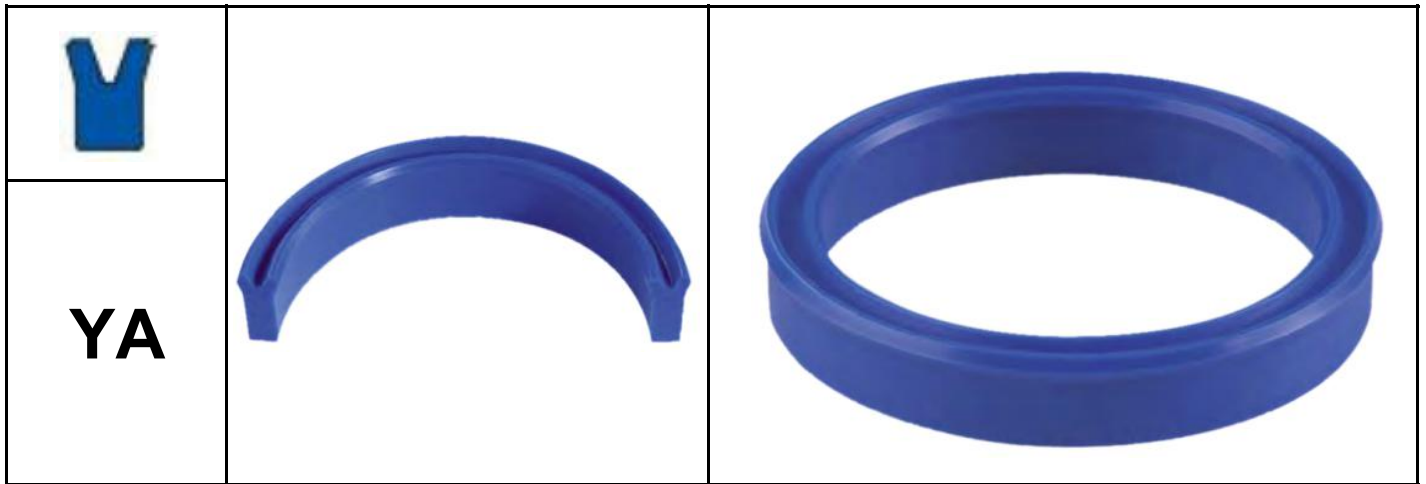
$$R \leq 0.3, R_1 \leq 0.5$$

Part No.	SIZE		
	d	D	h
USI	10	18	5
USI	12	20	5
USI	12.5	20	5
USI	14	22	5
USI	16	24	5
USI	17	25	5
USI	18	26	5
USI	20	28	5
USI	20	30	6
USI	22	30	5
USI	22.4	30	5
USI	23.5	31.5	5

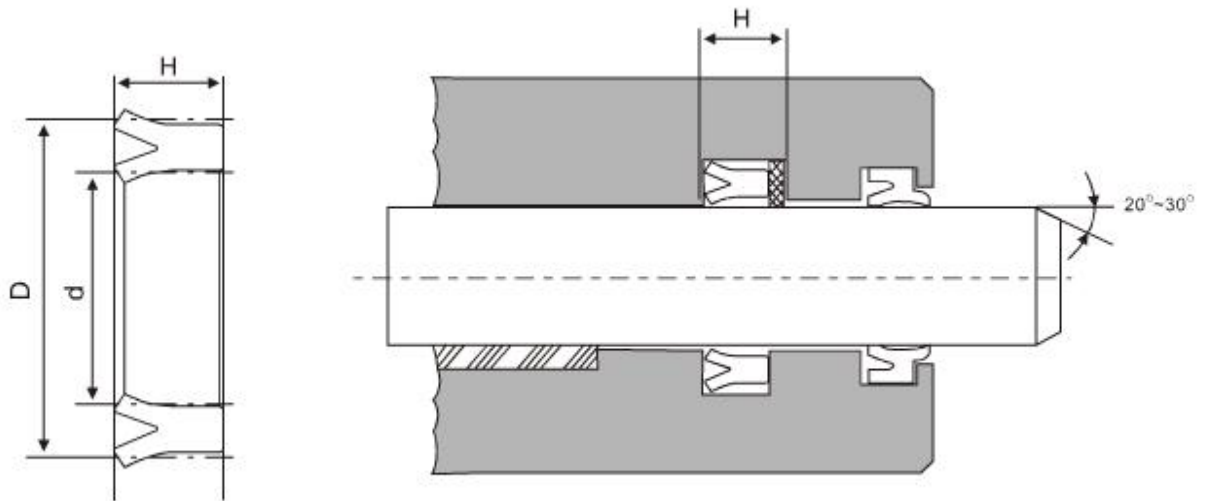
Part No.	SIZE		
	d	D	h
USI	24	32	5
USI	25	33	5
USI	25	35	6
USI	26	34	5
USI	27	35	5
USI	28	35.5	5
USI	28	36	5
USI	30	38	5
USI	30	40	6
USI	31.5	41.5	6
USI	32	42	6
USI	33	43	6

Part No.	SIZE		
	d	D	h
USI	34	44	6
USI	35	45	6
USI	35.5	45	6
USI	35.5	45.5	6
USI	36	46	6
USI	38	48	6
USI	40	50	6
USI	45	55	6
USI	45	56	7
USI	46	56	6
USI	50	60	6
USI	53	63	6

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>h</i>
USI	55	65	6
USI	56	66	6
USI	58	68	6
USI	60	70	6
USI	60	71	7
USI	61	71	6
USI	63	73	6
USI	65	75	6
USI	67	77	6
USI	70	80	6
USI	71	80	6
USI	75	85	6
USI	80	90	6
USI	80	95	9
USI	85	95	6
USI	85	100	9
USI	86	100	8.5
USI	89	104	9
USI	90	100	6
USI	90	105	9
USI	95	110	9
USI	96	111	9
USI	98	112	8.5
USI	100	115	9
USI	105	120	9
USI	106	120	8.5
USI	110	125	9
USI	112	125	9
USI	115	130	9
USI	118	132	8.5
USI	125	140	9
USI	132	145	8.5
USI	136	150	8.5
USI	145	160	9



SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max pressure	≤ 32 MPa
Max speed	≤ 1.0 m/s
Application	Both piston and rod.



Part No.	SIZE		
	d	D	h
YA-10*16	10	16	7
YA-14*20	14	20	7
YA-16*22	16	22	7
YA-18*24	18	24	7
YA-19*27	19	27	10
YA-20*28	20	28	10
YA-22*30	22	30	10
YA-24*32	24	32	10
YA-25*33	25	33	10
YA-28*36	28	36	10
YA-32*40	32	40	10
YA-35*43	35	43	10

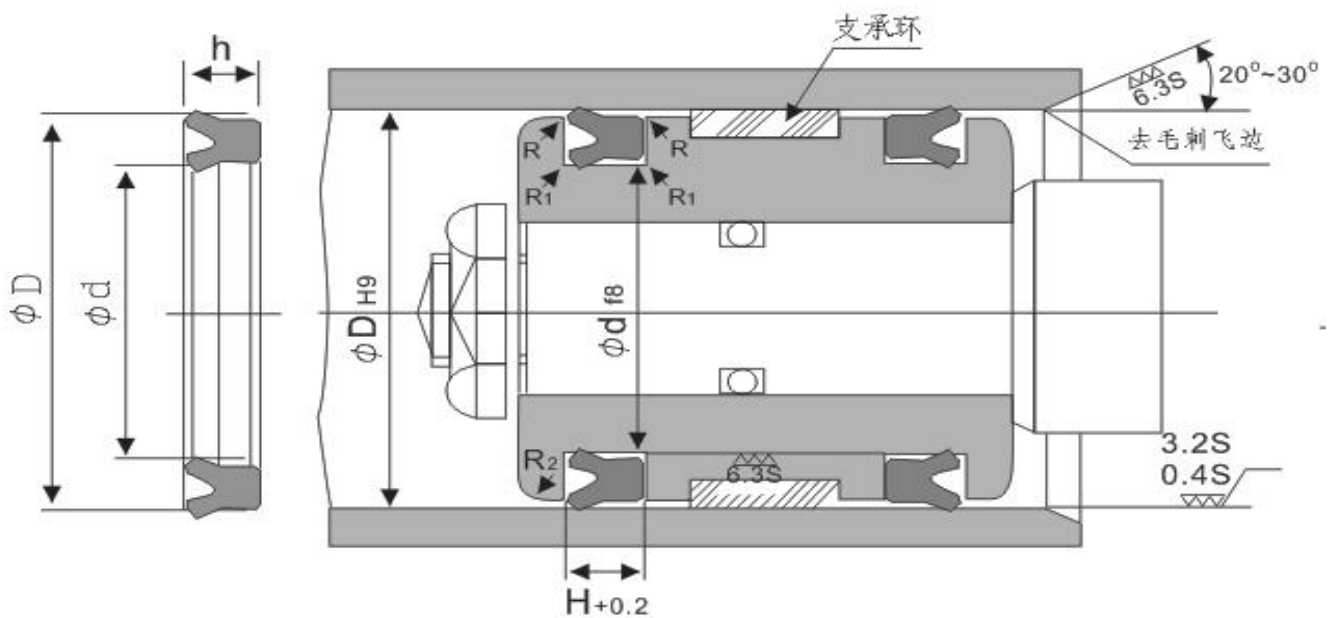
Part No.	SIZE		
	d	D	h
YA-40*48	40	48	10
YA-42*50	42	50	10
YA-45*53	45	53	10
YA-47*55	47	55	10
YA-50*58	50	58	10
YA-53*63	53	63	12
YA-55-65	55	65	12
YA-60*70	60	70	12
YA-63*73	63	73	12
YA-65*75	65	75	12
YA-68*78	68	78	12
YA-70*80	70	80	12

Part No.	SIZE		
	d	D	h
YA-73*83	73	83	12
YA-77*85	77	85	11
YA-80*90	80	90	12
YA-86*96	86	96	12
YA-87*97	87	97	12
YA-90*100	90	100	12
YA-95*105	95	105	12
YA-100*110	100	110	12
YA-105*110	105	110	12
YA-110*120	110	120	12
YA-115*125	115	125	12
YA-120*130	120	130	12

Part No.	SIZE		
	d	D	h
YA-125*135	125	135	12
YA-130*140	130	140	12
YA-135*145	135	145	12
YA-140*150	140	150	12
YA-148*160	148	160	14
YA-150*162	150	162	14
YA-160*172	160	172	14
YA-168*180	168	180	14
YA-180*192	180	192	14
YA-188*200	188	200	14
YA-200*212	200	212	14
YA-208*220	208	220	14
YA-220*232	220	232	14
YA-238*250	238	250	14
YA-250*265	250	265	18
YA-260*275	260	275	18
YA-265*280	265	280	18
YA-280*295	280	295	18
YA-283*295	283	295	18
YA-305*320	305	320	18
YA-320*335	320	335	18
YA-345*360	345	360	18
YA-360*375	360	375	18
YA-380*395	380	395	18
YA-385*400	385	400	18
YA-420*435	420	435	18
YA-450*465	450	465	18
YA-485*500	485	500	18



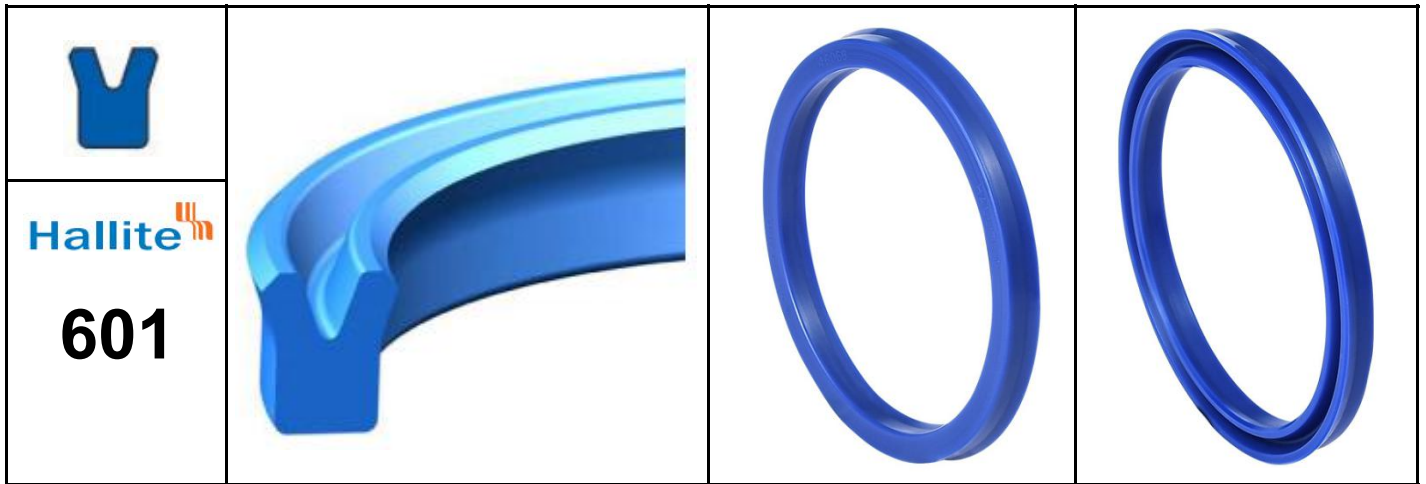
SEAL INFORMATION	
Material	NBR / FKM
Temperature range	-30~230°C
Max pressure	≤ 32 MPa
Max speed	≤ 1.0 m/s
Application	Both piston and rod.



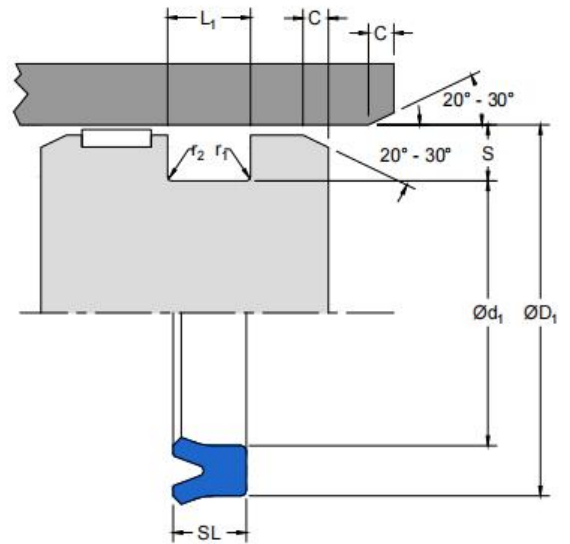
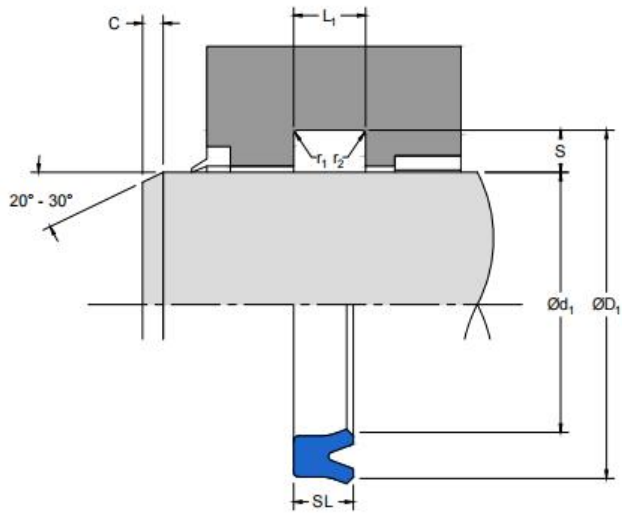
Part No.	SIZE		
	d	D	h
MYA-3	3	6	2.1
MYA-4	4	7	2.1
MYA-5	5	8	2.1
MYA-6	6	9	2.1
MYA-7	7	10	2.1
MYA-7	7	11	3.2
MYA-8	8	11	2.1
MYA-9	9	12	2.1
MYA-10	10	13	2.1
MYA-10A	10	14	2.8
MYA-11	11	15	2.8
MYA-11.2	11.2	15.2	2.8

Part No.	SIZE		
	d	D	h
MYA-12	12	16	2.8
MYA-12.5	12.5	16.5	2.8
MYA-14	14	18	2.8
MYA-15	15	19	2.8
MYA-16	16	20	2.8
MYA-18	18	22	2.8
MYA-20	20	24	2.8
MYA-21	21	25	2.8
MYA-22	22	26	2.8
MYA-23	23	27	2.8
MYA-24	24	30	3.7
MYA-30	30	36	3.7

Part No.	SIZE		
	d	D	h
MYA-34	34	40	4.2
MYA-39	39	45	4.2
MYA-20f	205	212	6.3
MYA-23J	235	242	5.6



SEAL INFORMATION	
Material	PU
Temperature range	-45~110°C
Max pressure	≤ 400 bar
Max speed	≤ 1.0 m/s
Application	Bot piston and rod.



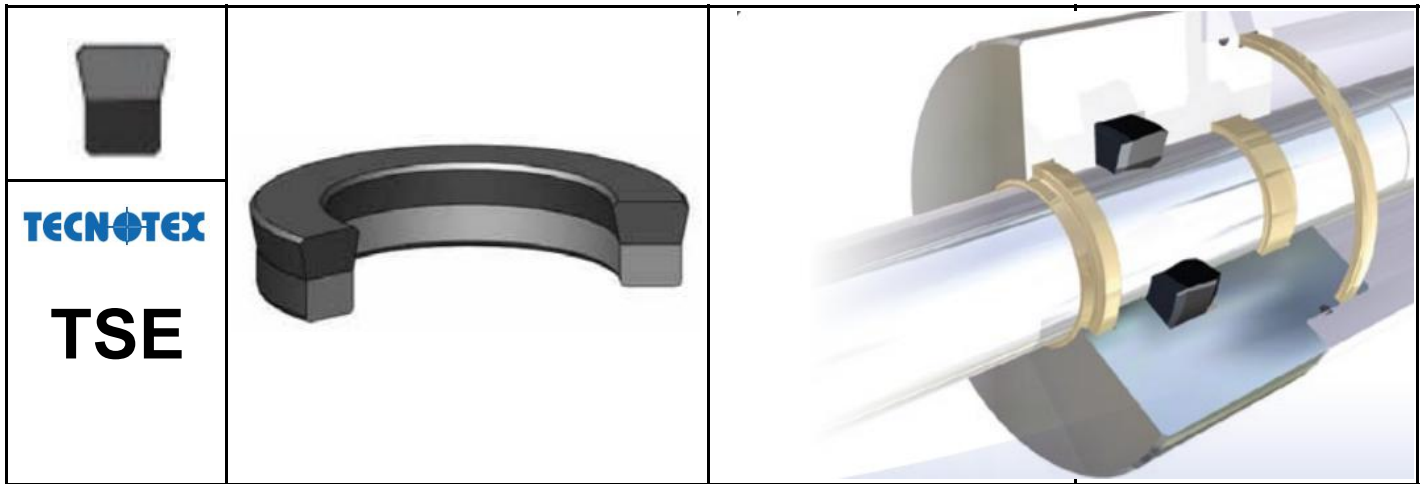
Part No.	SIZE		
	d	D	SL
601/4508601	5	12	5.5
601/4460300	6	13	8.0
601/4299900	10	18	6.0
601/4600000	10	20	8.0
601/4621300	12	18	6.0
601/4182501	12	20	4.4
601/4600100	12	25	8.0
601/4182601	14	22	4.4
601/4604000	14	22	5.0
601/4600200	14	24	8.0
601/4600300	15	25	8.0
601/4182701	16	24	4.4

Part No	SIZE		
	d	D	SL
601/4604100	16	24	5
601/4600400	16	26	8
601/4182901	18	26	4.4
601/4604200	18	26	5
601/4547900	18	28	7.3
601/4600500	18	28	8
601/4183001	20	28	4.4
601/4604300	20	28	5
601/4600600	20	30	8
601/4621900	20	40	12
601/4183101	22	30	4.4
601/4600700	22	35	10

Part No.	SIZE		
	d	D	SL
601/4604400	22.4	30	5
601/4600800	22.4	32.4	8
601/4621500	23.5	31.5	5
601/4183301	25	33	4
601/4604500	25	33	5
601/4600900	25	35	8
601/4362600	25	35	10
601/4601000	25	38	8
601/4621400	25	38	10
601/4601100	25	40	10
601/4584900	26	40	9
601/4604600	28	35.5	5
601/4506201	28	36	7
601/4183401	28	38	6
601/4601200	28	40	10
601/4601300	28	43	10
601/4596800	30	37	6
601/4183501	30	40	6
601Z4604700	30	40	6
601/4596900	30	40	8
601/4362700	30	40	10
601/4601400	30	45	10
601/4604800	31.5	41.5	6
601Z4183601	32	42	6
601/4604900	32	42	6
601/4362800	32	42	10
601/4621200	32	47	10
601/4605000	35	45	6
601/4496000	35	45	7
601Z4360300	35	48	10
601/4601500	35	50	10
601/4605100	35.5	45	6
601/4621100	35.5	50.5	10
601/4183701	36	46	6
601/4605200	38	48	6
601Z4709400	38	50	9
601/4366000	38	55	10
601/4560100	38	58	10
601/4183801	40	50	6
601/4605300	40	50	6
601/4362900	40	50	10
601/4388500	40	55	10
601/4601600	40	55	10
601/4601700	40	60	12
601/4183901	45	55	6
601/4605400	45	55	6
601/4363000	45	55	10
601/4605500	45	56	7
601/4601800	45	60	10
601/4575000	45	65	10
601/4543900	46	56	6
601/4601900	48	63	10
601/4184001	50	60	6
601/4605600	50	60	6
601/4363100	50	60	10
601/4602000	50	65	10
601/4602100	50	70	12
601/4559000	52	62	10

Part No	SIZE		
	d	D	SL
601/4605700	53	63	6
601/4605800	55	65	6
601/4602200	55	75	12
601/4605900	56	66	6
601/4184201	56	71	8.4
601/4622000	56	76	12
601/4606000	60	70	6
601/4363200	60	70	10
601/4606100	60	71	7
601/4608000	60	76	12
601/4602300	60	80	12
601/4606200	63	73	6
601/4363300	63	73	11.8
601/4184301	63	78	8.4
601/4606300	65	75	6
601/4184401	65	80	8.4
601/4602400	65	85	12
601/4606400	70	80	6
601/4363400	70	80	11.8
601/4184501	70	85	8.4
601/4602500	70	90	12
601/4602600	70	92	12
601/4606500	71	80	6
601/4606600	75	85	6
601/4363500	75	85	11.8
601/4602700	75	95	12
601/4584700	75	100	22
601/4606700	80	90	6
601/4159001	80	90	8
601/4363600	80	90	11.8
601/4184601	80	95	8.4
601/4602800	80	100	12
60174184701	85	100	8.4
601/4606800	85	100	8.9
601/4602900	85	105	12
601/4363700	90	100	11.8
60174184801	90	105	8.4
601/4606900	90	105	8.9
601/4603000	90	110	12
601/4607000	95	110	8.9
601/4603100	95	115	12
601/4607100	100	115	8.9
601/4603200	100	120	12
601/4185001	105	125	11.4
601/4603300	105	125	15
601/4185101	110	130	11
601/4603400	110	130	15
601/4607200	112	125	8.9
601/4621600	115	130	8.9
601/4608100	115	135	15
60174319600	120	140	14.5
601/4603500	120	140	15
601/4607300	125	140	8.9
601/4160701	125	140	12.2
60174185201	125	145	11.4
601/4603600	125	145	15
601/4603700	130	150	15
601/4607400	136	150	8.5

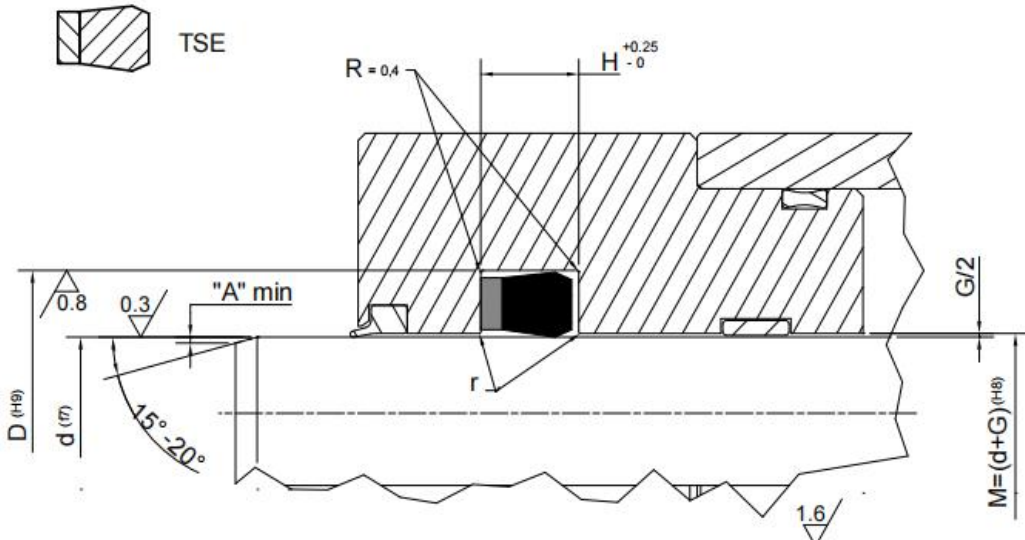
Part No.	SIZE		
	d	D	SL
601/4607900	140	154	9
601/4607500	140	155	8.9
601/4603800	140	160	15
601/4607600	145	160	8.9
601/4608200	145	165	15
601/4607700	150	165	8.9
601/4603900	150	170	15
601/4621700	155	170	8.9
601/4608300	155	180	15
601/4608400	160	175	9
601/4608500	160	185	15
601/4608600	165	180	9
601/4607800	165	183	10
601/4608700	165	190	15
601/4608800	170	195	15
601/4621800	175	190	8.9
601/4608900	175	200	15
601/4609000	180	200	12
601/4609100	180	205	15
601/4609200	190	210	12
601/4609300	190	215	15
601/4609400	200	220	12
601/4609500	200	225	15
601/4609600	210	235	18
601/4609700	220	240	12
601/4426600	220	250	17
601/4609800	230	250	12
601/4621000	240	260	12
601/4609900	240	265	18
601/4610000	250	275	18
601/4620100	260	290	18
601/4620200	265	295	18
601/4620300	270	300	18
601/4620400	280	310	18
601/4620500	290	320	18
601/4620600	300	330	18
601/4620700	375	405	22
601/4620800	400	425	25



TECNOTEX

TSE

SEAL INFORMATION	
Material	NBR / Cotton Fabric
Temperature range	-30~110°C
Max pressure	≤ 25 MPa
Max speed	≤ 0.5 m/s
Application	Both piston and rod.



MAXIMUM ALLOWABLE ROUGHNESS IF NOT INDICATED

Part No.	SIZE		
	d	D	h
TSE	5	12	6.5
TSE	6	13	6.5
TSE	8	15	6.5
TSE	10	18	6
TSE	12	19	6.5
TSE	12	23	7.5
TSE	14	22	6.5
TSE	14	22	7
TSE	14	23	7
TSE	15	23	6.3
TSE	15	27	7
TSE	16	23	7

Part No.	SIZE		
	d	D	h
TSE	16	24	6.4
TSE	16	24	7
TSE	18	26	6.5
TSE	18	26	7
TSE	18	28	6.3
TSE	18	30	7.5
TSE	20	27	6.5
TSE	20	28	6.3
TSE	20	28	7
TSE	20	30	8.5
TSE	20	35	11.5
TSE	20	40	9.5

Part No.	SIZE		
	d	D	h
TSE	22	30	6.5
TSE	22	30	7
TSE	22	34	9.5
TSE	22	35	10
TSE	24	34	6.5
TSE	25	33	6.4
TSE	25	35	9
TSE	25	38	10
TSE	25	44	12.5
TSE	26	40	10
TSE	26	45	6.5
TSE	27	35	6.5

Part No.	SIZE		
	d	D	h
TSE	28	36	6.4
TSE	28	38	8
TSE	28	40	9.5
TSE	28	41	10
TSE	30	37.5	6.5
TSE	30	38	6.4
TSE	30	40	7.5
TSE	30	45	9
TSE	30	50	14.5
TSE	32	40	6.4
TSE	32	40	9
TSE	32	42	11
TSE	32	44	11.5
TSE	32	45	10
TSE	35	43	6.5
TSE	35	43	8
TSE	35	45	11
TSE	35	45	8
TSE	35	45	13.5
TSE	35	50	11.5
TSE	36	43	6.5
TSE	36	44	6.5
TSE	36	46	8.5
TSE	36	48	9.5
TSE	36	48	11
TSE	38	50	9.5
TSE	40	48	6.5
TSE	40	48	9
TSE	40	50	8
TSE	40	50	10
TSE	40	50	11
TSE	40	50	13.5
TSE	40	52	10.5
TSE	40	55	7.5
TSE	40	55	11
TSE	40	55	10.5
TSE	40	60	14.5
TSE	42	50	6.5
TSE	42	57	10.5
TSE	43	53	9
TSE	45	52	10.5
TSE	45	53	6.5
TSE	45	53	11
TSE	45	55	8
TSE	45	55	11
TSE	45	60	10.5
TSE	45	63	11
TSE	45	65	14.5
TSE	46	54	8
TSE	46	56	8
TSE	48	60	7
TSE	50	58	12.5
TSE	50	58	8.5
TSE	50	60	8
TSE	50	60	10
TSE	50	62	9.5
TSE	50	65	11
TSE	50	65	12.5

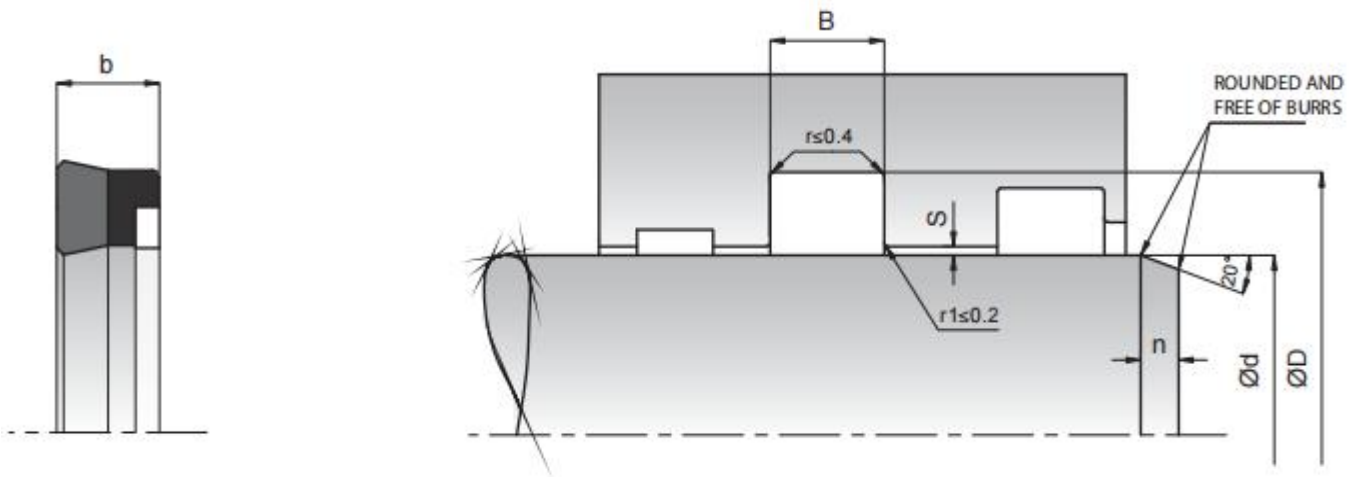
Part No.	SIZE		
	d	D	h
TSE	50	70	14.5
TSE	54	66	9.5
TSE	55	65	11
TSE	55	65	8
TSE	55	70	10.5
TSE	55	75	14.5
TSE	56	66	8
TSE	56	71	10.5
TSE	56	71	12.5
TSE	57	67	8
TSE	60	68	12.5
TSE	60	70	8
TSE	60	70	13
TSE	60	72	10
TSE	60	75	13
TSE	60	80	14
TSE	61	69	8.5
TSE	63	75	11
TSE	63	83	14.5
TSE	65	75	8
TSE	65	75	13.5
TSE	65	77	9.6
TSE	65	80	11.5
TSE	65	80	12.5
TSE	65	85	14.5
TSE	70	80	8
TSE	70	80	13
TSE	70	82	9.6
TSE	70	84	12.5
TSE	70	85	12
TSE	70	90	14.5
TSE	72	84	6
TSE	75	85	8
TSE	75	85	11
TSE	75	87	10
TSE	75	90	11.5
TSE	75	95	14.5
TSE	76	84	8.5
TSE	77	87	8
TSE	78	90	12
TSE	80	90	8
TSE	80	90	11
TSE	80	90	13
TSE	80	91	10.5
TSE	80	92	9.6
TSE	80	95	12
TSE	80	96	10.5
TSE	80	100	12
TSE	80	100	14.5
TSE	84	94	8
TSE	85	95	8
TSE	85	97	9.6
TSE	85	100	12
TSE	85	105	14.8
TSE	90	100	10.5
TSE	90	102	9.6
TSE	90	105	9.5
TSE	90	105	12.5

Part No.	SIZE		
	d	D	h
TSE	90	110	12.5
TSE	90	110	14.5
TSE	91	99	8.5
TSE	95	105	11
TSE	95	107	12.5
TSE	95	112	12
TSE	96	105	8.5
TSE	96	105	11.5
TSE	100	113	13.5
TSE	100	115	11.5
TSE	100	115	12.5
TSE	100	120	12
TSE	100	120	14.5
TSE	100	125	13.3
TSE	104	120	11.2
TSE	105	115	11
TSE	105	115	8
TSE	105	120	12
TSE	105	125	12.5
TSE	105	125	14.5
TSE	106	116	8
TSE	110	125	12
TSE	110	130	12.5
TSE	110	130	14.5
TSE	110	132	14
TSE	110	135	15.5
TSE	110	140	15.5
TSE	115	125	8
TSE	115	130	12.5
TSE	118	130	12.5
TSE	120	135	12.5
TSE	120	140	12.5
TSE	120	140	14.5
TSE	120	145	12
TSE	120	145	18.8
TSE	125	140	12.5
TSE	125	145	16
TSE	125	150	14.5
TSE	130	140	8
TSE	130	145	12.5
TSE	130	145	15
TSE	130	150	14.5
TSE	130	150	16
TSE	130	155	18.8
TSE	140	150	10
TSE	140	155	13
TSE	140	160	12.5
TSE	140	160	14.5
TSE	140	160	16
TSE	150	165	13
TSE	150	170	14.5
TSE	150	170	16
TSE	150	175	18
TSE	150	180	14
TSE	155	170	9.5
TSE	160	175	16
TSE	160	180	14
TSE	160	180	13.5

Part No.	SIZE		
	d	D	h
TSE	160	180	16
TSE	170	200	23.5
TSE	180	200	14.5
TSE	180	200	16
TSE	180	210	20.5
TSE	188	203	12.2
TSE	188	203	13
TSE	190	210	14.5
TSE	198	208	12
TSE	200	220	14.5
TSE	200	220	16
TSE	200	230	20.5
TSE	210	240	22.5
TSE	214	229	13
TSE	220	250	20.5
TSE	225	255	22.5
TSE	230	260	19.5
TSE	238	258	15.5
TSE	238	268	21
TSE	250	285	16.5
TSE	250	290	25.5
TSE	260	290	20
TSE	280	320	22.5
TSE	290	310	15
TSE	290	320	20.5
TSE	310	330	16.5
TSE	320	360	25.5
TSE	350	385	25.5
TSE	360	400	33.8
TSE	400	425	19
TSE	470	510	25
TSE	500	540	38
TSE	530	570	25
TSE	535	580	40
TSE	540	580	38.5
TSE	570	610	25
TSE	590	630	43
TSE	630	678	60
TSE	640	680	25
TSE	650	690	25
TSE	695	745	30
TSE	702	752	30
TSE	760	820	35
TSE	845	905	35
TSE	921	980	35
TSE	1135	1205	47



SEAL INFORMATION	
Material	NBR / Cotton Fabric / POM
Temperature range	-30~110°C
Max pressure	≤ 40 MPa
Max speed	≤ 0.5 m/s
Application	Both piston and rod.



Part No.	SIZE		
	d	D	b
SEG	5	12	6.5
SEG	6	13	6.5
SEG	8	15	6.5
SEG	10	18	6
SEG	12	19	6.5
SEG	12	23	7.5
SEG	14	22	6.5
SEG	14	22	7
SEG	14	23	7
SEG	15	23	6.3
SEG	15	27	7
SEG	16	23	7

Part No.	SIZE		
	d	D	b
SEG	16	24	6.4
SEG	16	24	7
SEG	18	26	6.5
SEG	18	26	7
SEG	18	28	6.3
SEG	18	30	7.5
SEG	20	27	6.5
SEG	20	28	6.3
SEG	20	28	7
SEG	20	30	8.5
SEG	20	35	11.5
SEG	20	40	9.5

Part No.	SIZE		
	d	D	b
SEG	22	30	6.5
SEG	22	30	7
SEG	22	34	9.5
SEG	22	35	10
SEG	24	34	6.5
SEG	25	33	6.4
SEG	25	35	9
SEG	25	38	10
SEG	25	44	12.5
SEG	26	40	10
SEG	26	45	6.5
SEG	27	35	6.5

Part No.	SIZE		
	d	D	b
SEG	28	36	6.4
SEG	28	38	8
SEG	28	40	9.5
SEG	28	41	10
SEG	30	37.5	6.5
SEG	30	38	6.4
SEG	30	40	7.5
SEG	30	45	9
SEG	30	50	14.5
SEG	32	40	6.4
SEG	32	40	9
SEG	32	42	11
SEG	32	44	11.5
SEG	32	45	10
SEG	35	43	6.5
SEG	35	43	8
SEG	35	45	11
SEG	35	45	8
SEG	35	45	13.5
SEG	35	50	11.5
SEG	36	43	6.5
SEG	36	44	6.5
SEG	36	46	8.5
SEG	36	48	9.5
SEG	36	48	11
SEG	38	50	9.5
SEG	40	48	6.5
SEG	40	48	9
SEG	40	50	8
SEG	40	50	10
SEG	40	50	11
SEG	40	50	13.5
SEG	40	52	10.5
SEG	40	55	7.5
SEG	40	55	11
SEG	40	55	10.5
SEG	40	60	14.5
SEG	42	50	6.5
SEG	42	57	10.5
SEG	43	53	9
SEG	45	52	10.5
SEG	45	53	6.5
SEG	45	53	11
SEG	45	55	8
SEG	45	55	11
SEG	45	60	10.5
SEG	45	63	11
SEG	45	65	14.5
SEG	46	54	8
SEG	46	56	8
SEG	48	60	7
SEG	50	58	12.5
SEG	50	58	8.5
SEG	50	60	8
SEG	50	60	10
SEG	50	62	9.5
SEG	50	65	11
SEG	50	65	12.5

Part No.	SIZE		
	d	D	b
SEG	50	70	14.5
SEG	54	66	9.5
SEG	55	65	11
SEG	55	65	8
SEG	55	70	10.5
SEG	55	75	14.5
SEG	56	66	8
SEG	56	71	10.5
SEG	56	71	12.5
SEG	57	67	8
SEG	60	68	12.5
SEG	60	70	8
SEG	60	70	13
SEG	60	72	10
SEG	60	75	13
SEG	60	80	14
SEG	61	69	8.5
SEG	63	75	11
SEG	63	83	14.5
SEG	65	75	8
SEG	65	75	13.5
SEG	65	77	9.6
SEG	65	80	11.5
SEG	65	80	12.5
SEG	65	85	14.5
SEG	70	80	8
SEG	70	80	13
SEG	70	82	9.6
SEG	70	84	12.5
SEG	70	85	12
SEG	70	90	14.5
SEG	72	84	6
SEG	75	85	8
SEG	75	85	11
SEG	75	87	10
SEG	75	90	11.5
SEG	75	95	14.5
SEG	76	84	8.5
SEG	77	87	8
SEG	78	90	12
SEG	80	90	8
SEG	80	90	11
SEG	80	90	13
SEG	80	91	10.5
SEG	80	92	9.6
SEG	80	95	12
SEG	80	96	10.5
SEG	80	100	12
SEG	80	100	14.5
SEG	84	94	8
SEG	85	95	8
SEG	85	97	9.6
SEG	85	100	12
SEG	85	105	14.8
SEG	90	100	10.5
SEG	90	102	9.6
SEG	90	105	9.5
SEG	90	105	12.5

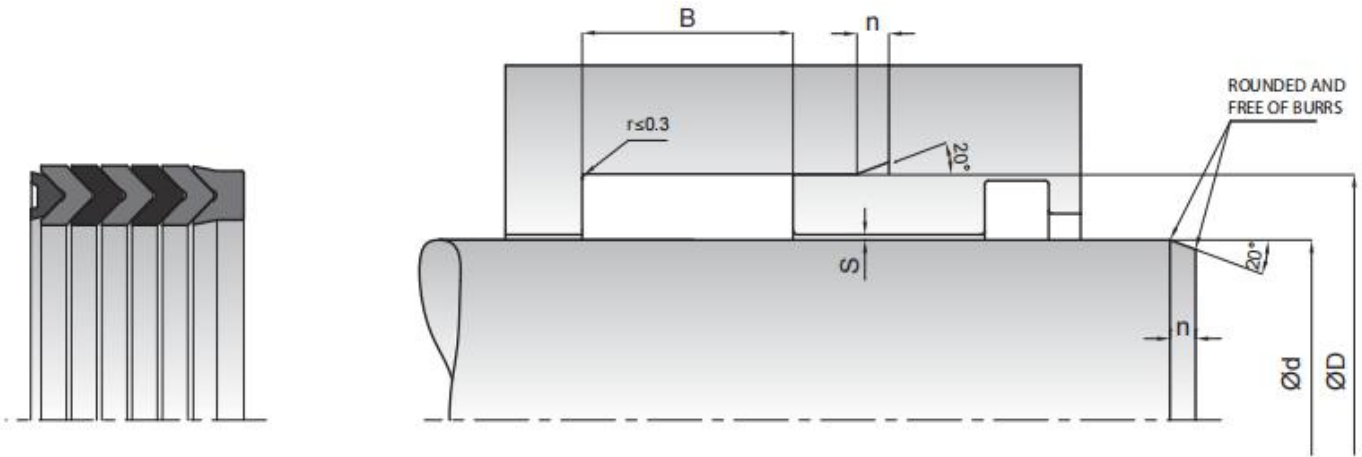
Part No.	SIZE		
	d	D	b
SEG	90	110	12.5
SEG	90	110	14.5
SEG	91	99	8.5
SEG	95	105	11
SEG	95	107	12.5
SEG	95	112	12
SEG	96	105	8.5
SEG	96	105	11.5
SEG	100	113	13.5
SEG	100	115	11.5
SEG	100	115	12.5
SEG	100	120	12
SEG	100	120	14.5
SEG	100	125	13.3
SEG	104	120	11.2
SEG	105	115	11
SEG	105	115	8
SEG	105	120	12
SEG	105	125	12.5
SEG	105	125	14.5
SEG	106	116	8
SEG	110	125	12
SEG	110	130	12.5
SEG	110	130	14.5
SEG	110	132	14
SEG	110	135	15.5
SEG	110	140	15.5
SEG	115	125	8
SEG	115	130	12.5
SEG	118	130	12.5
SEG	120	135	12.5
SEG	120	140	12.5
SEG	120	140	14.5
SEG	120	145	12
SEG	120	145	18.8
SEG	125	140	12.5
SEG	125	145	16
SEG	125	150	14.5
SEG	130	140	8
SEG	130	145	12.5
SEG	130	145	15
SEG	130	150	14.5
SEG	130	150	16
SEG	130	155	18.8
SEG	140	150	10
SEG	140	155	13
SEG	140	160	12.5
SEG	140	160	14.5
SEG	140	160	16
SEG	150	165	13
SEG	150	170	14.5
SEG	150	170	16
SEG	150	175	18
SEG	150	180	14
SEG	155	170	9.5
SEG	160	175	16
SEG	160	180	14
SEG	160	180	13.5

Part No.	SIZE		
	d	D	b
SEG	160	180	16
SEG	170	200	23.5
SEG	180	200	14.5
SEG	180	200	16
SEG	180	210	20.5
SEG	188	203	12.2
SEG	188	203	13
SEG	190	210	14.5
SEG	198	208	12
SEG	200	220	14.5
SEG	200	220	16
SEG	200	230	20.5
SEG	210	240	22.5
SEG	214	229	13
SEG	220	250	20.5
SEG	225	255	22.5
SEG	230	260	19.5
SEG	238	258	15.5
SEG	238	268	21
SEG	250	285	16.5
SEG	250	290	25.5
SEG	260	290	20
SEG	280	320	22.5
SEG	290	310	15
SEG	290	320	20.5
SEG	310	330	16.5
SEG	320	360	25.5
SEG	350	385	25.5
SEG	360	400	33.8
SEG	400	425	19
SEG	470	510	25
SEG	500	540	38
SEG	530	570	25
SEG	535	580	40
SEG	540	580	38.5
SEG	570	610	25
SEG	590	630	43
SEG	630	678	60
SEG	640	680	25
SEG	650	690	25
SEG	695	745	30
SEG	702	752	30
SEG	760	820	35
SEG	845	905	35
SEG	921	980	35
SEG	1135	1205	47



KASTAŞ
V
K01

SEAL INFORMATION	
Material	NBR / Cotton Fabric
Temperature range	-30~110°C
Max pressure	≤ 400 bar
Max speed	≤ 0.5 m/s
Application	Bot piston and rod.

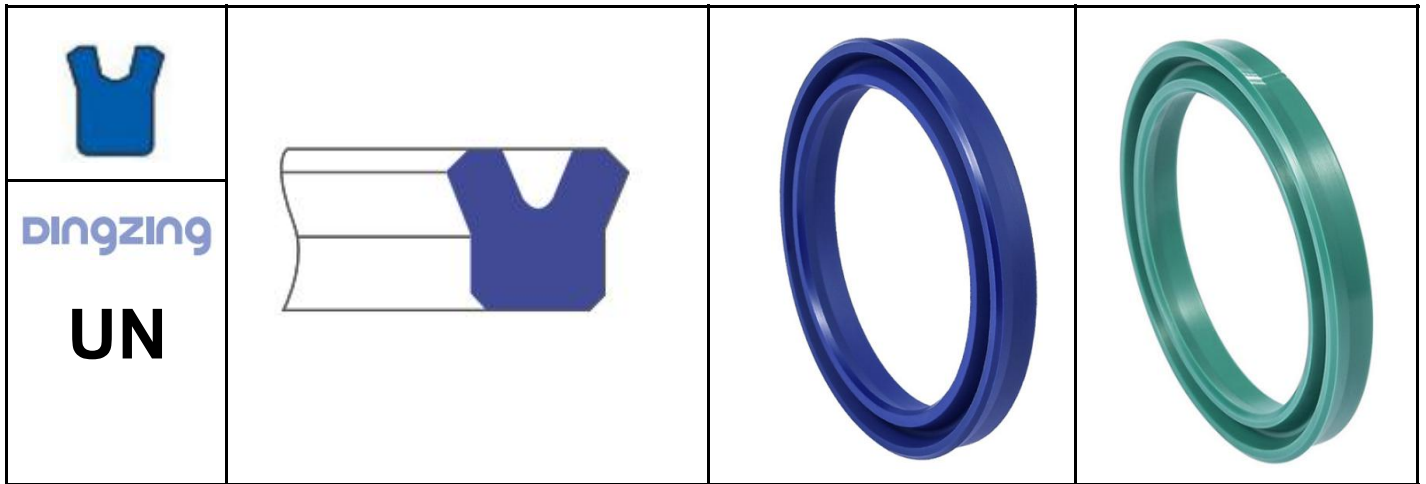


Part No.	SIZE		
	d	D	B
V/K01-08	8	18	18.5
V/K01-010	10	20	18.5
V/K01-012	12	22	18.5
V/K01-013	13.5	25	16.5
V/K01-014	14	24	18.5
V/K01-015	15	25	18.5
V/K01-015/1	15	32	25.0
V/K01-016	16	26	18.5
V/K01-018	18	28	18.5
V/K01-018/1	18	32	23.5
V/K01-020	20	30	18.5
V/K01-020/1	20	32	22.5

Part No	SIZE		
	d	D	B
V/K01-022	22	32	18.5
V/K01-022/1	22	34	22.5
V/K01-025	25	37	22.5
V/K01-025/1	25	40	22.5
V/K01-028	28	40	22.5
V/K01-028/1	28	43	22.5
V/K01-030	30	42	22.5
V/K01-030/1	30	45	22.5
V/K01-030/2	30	50	37
V/K01-032	32	44	22.5
V/K01-032/1	32	47	22.5
V/K01-035	35	47	22.5

Part No.	SIZE		
	d	D	B
V/K01-035/1	35	50	22.5
V/K01-036	36	48	22.5
V/K01-036/1	36	51	22.5
V/K01-040	40	52	22.5
V/K01-040/1	40	55	22.5
V/K01-040/3	40	56	22.5
V/K01-042	42	54	22.5
V/K01-042/1	42	57	22.5
V/K01-045	45	60	22.5
V/K01-045/1	45	65	22.5
V/K01-045/3	45	62	26.0
V/K01-047	47	65	33.0
V/K01-048	48	63	22.5
V/K01-050	50	65	22.5
V/K01-050/1	50	70	30.0
V/K01-055	55	70	22.5
V/K01-055/1	55	75	30.0
V/K01-055/2	55	67	24.0
V/K01-056	56	71	22.5
V/K01-056/1	56	76	37.0
V/K01-056/2	56	72	49.0
V/K01-060	60	75	22.5
V/K01-060/1	60	80	37.0
V/K01-060/3	60	85	37.0
V/K01-063	63	78	22.5
V/K01-063/ 1	63	83	37.0
V/K01-063/2	63.5	78	40.0
V/K01-065	65	80	22.5
V/K01-065/ 1	65	85	40.0
V/K01-070	70	85	22.5
V/K01-070/ 1	70	90	40.0
V/K01-075	75	90	22.5
V/K01-075/ 1	75	95	40.0
V/K01-075/2	75	87	25.0
V/K01-075/3	75	100	34.0
V/K01-080	80	95	22.5
V/K01-080/ 1	80	100	40.0
V/K01-085	85	100	22.5
V/K01-085/ 1	85	105	40.0
V/K01-090	90	105	22.5
V/K01-090/ 1	90	110	40.0
V/K01-090/2	90	110	26.0
V/K01-095	95	120	50.0
V/K01-100	100	115	30.0
V/K01-100/ 1	100	120	40.0
V/K01-105	105	120	30.0
V/K01-105/ 1	105	125	40.0
V/K01-105/2	105	130	40.0
V/K01-110	110	125	30.0
V/K01-110/ 1	110	130	40.0
V/K01-115	115	130	30.0
V/K01-115/ 1	115	140	46.0
V/K01-115/2	115	140	30.0
V/K01-120	120	140	49.0
V/K01-120/ 1	120	145	46.0
V/K01-125	125	140	34.0
V/K01-125/ 1	125	150	46.0
V/K01-130	130	155	42.5

Part No	SIZE		
	d	D	B
V/K01-135	135	160	55
V/K01-135/ 1	135	160	40
V/K01-140	140	155	34
V/K01-140/ 1	140	165	46
V/K01-150	150	170	40
V/K01-150/ 1	150	180	60
V/K01-160	160	180	40
V/K01-160/ 1	160	190	60
V/K01-165	165	195	50.5
V/K01-180	180	200	40
V/K01-180/ 1	180	210	60
V/K01-190	190	220	42
V/K01-200	200	220	40
V/K01-200/ 1	200	230	60
V/K01-210	210	240	50
V/K01-215	215	245	41
V/K01-240	240	270	60
V/K01-240/ 1	240	260	46
V/K01-250	250	270	42
V/K01-260	260	290	60
V/K01-290	290	320	35
V/K01-300	300	330	60
V/K01-310	310	340	60
V/K01-320	320	350	60
V/K01-320/ 1	320	360	46
V/K01-330	330	360	60
V/K01-360	360	390	60
V/K01-360/ 1	360	400	55
V/K01-370	370	400	55
V/K01-400	400	440	65
V/K01-400/ 1	400	430	46
V/K01-420	420	460	80
V/K01-440	440	480	68
V/K01-450	450	490	65

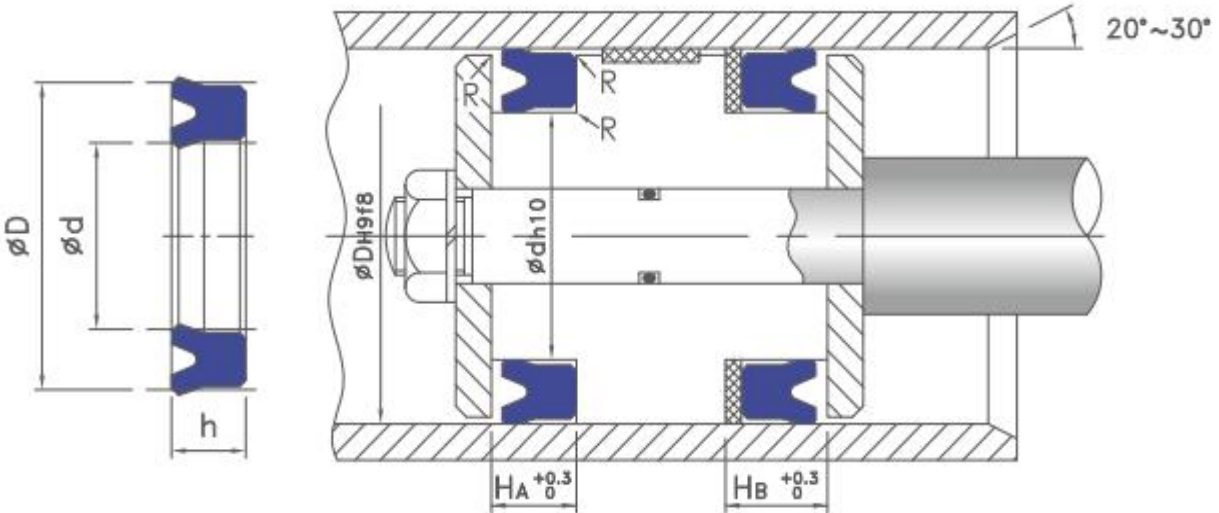
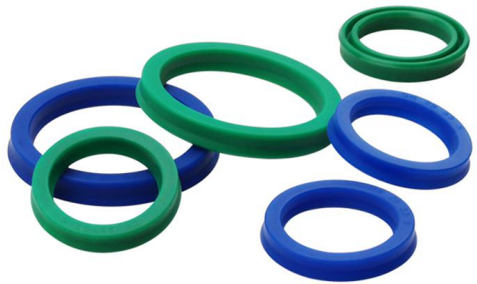


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UN

SEAL INFORMATION

Material	PU
Temperature range	-20~100°C
Max pressure	≤ 30 MPa
Max speed	≤ 0.5 m/s
Application	Both piston and rod.



$R \leq 0.3$

Part No.	SIZE		
	d	D	h
UN-4	4	10	4
UN-4	4	11	5
UN-4	4	12	4
UN-4	4	12	5
UN-4	4	14	4
UN-4.5	4.5	9.5	4
UN-4.5	4.5	11	4.5
UN-4.5	4.5	11	5
UN-5	5	11	8
UN-5	5	12	4
UN-5	5	12	5
UN-5	5	12	5.5

Part No.	SIZE		
	d	D	h
UN-5	5	12	6
UN-5	5	12	8
UN-5	5	14	4.5
UN-5	5	14	6
UN-5	5	14	8
UN-5	5	16	6
UN-5	5	16	8
UN-6	6	10	4.2
UN-6	6	12	4
UN-6	6	12	5
UN-6	6	12	5.5
UN-6	6	12	6

Part No.	SIZE		
	d	D	h
UN-6	6	12	8
UN-6	6	13	5
UN-6	6	13	8
UN-6	6	13.5	5
UN-6	6	14	5
UN-6	6	14	6
UN-6	6	14	8
UN-6	6	15	6
UN-6	6	16	6
UN-6	6	16	8
UN-6.3	6.3	16.3	8
UN-7	7	15	6

Part No.	SIZE		
	d	D	h
UN-7.1	7.1	17.1	8
UN-7.93	7.93	14.28	3.17
UN-8	8	12	5
UN-8	8	12	8
UN-8	8	14	4
UN-8	8	14	6
UN-8	8	14	8
UN-8	8	15	6
UN-8	8	15	8
UN-8	8	16	4
UN-8	8	16	5
UN-8	8	16	5.7
UN-8	8	16	6
UN-8	8	16	8
UN-8	8	18	5
UN-8	8	18	7
UN-8	8	18	8
UN-8	8	19	8
UN-8	8	22	10
UN-9	9	16	6
UN-9	9	19	6
UN-9	9	19	8
UN-10	10	13.5	2.2
UN-10	10	14	2.5
UN-10	10	14	4
UN-10	10	15	3
UN-10	10	16	4
UN-10	10	16	4.5
UN-10	10	16	5
UN-10	10	16	6
UN-10	10	16	8
UN-10	10	18	5
UN-10	10	18	5.5
UN-10	10	18	6
UN-10	10	18	8
UN-10	10	20	5
UN-10	10	20	6
UN-10	10	20	7
UN-10	10	20	8
UN-10	10	22	6
UN-10	10	22	8
UN-11	11	17	4
UN-11.11	11.11	19.05	4.76
UN-11.2	11.2	19.2	5
UN-11.2	11.2	21.2	8
UN-12	12	16	4
UN-12	12	18	4
UN-12	12	18	5
UN-12	12	18	6
UN-12	12	18	8
UN-12	12	19	5
UN-12	12	20	4
UN-12	12	20	5
UN-12	12	20	6
UN-12	12	20	7
UN-12	12	20	8
UN-12	12	22	5
UN-12	12	22	6

Part No.	SIZE		
	d	D	h
UN-12	12	22	7
UN-12	12	22	8
UN-12	12	24	6
UN-12	12	24	8
UN-12	12	25	8
UN-12	12	25	10
UN-12	12	26	4
UN-12	12	26	10
UN-12.5	12.5	22.5	5
UN-12.5	12.5	22.5	8
UN-13	13	20	5
UN-13	13	21	5
UN-13	13	24	6
UN-14	14	20	4
UN-14	14	20	5
UN-14	14	20	6
UN-14	14	20	8
UN-14	14	21	S
UN-14	14	22	4
UN-14	14	22	5
UN-14	14	22	6
UN-14	14	22	8
UN-14	14	24	5
UN-14	14	24	8
UN-14	14	25	5.5
UN-14	14	25	8
UN-14	14	26	5
UN-14	14	28	10
UN-14	14	30	5
UN-15	15	21	4
UN-15	15	22	5
UN-15	15	22	6
UN-15	15	22	8
UN-15	15	23	5
UN-15	15	25	5
UN-15	15	25	6
UN-15	15	25	7
UN-15	15	25	8
UN-15	15	25	10
UN-15	15	26	5
UN-15	15	27	7
UN-15	15	30	8
UN-15	15	30	10
UN-15.4	15.4	25.4	6.5
UN-15.8	15.8	20	3
UN-16	16	22	4
UN-16	16	22	4.5
UN-16	16	22	5
UN-16	16	22	6
UN-16	16	22	7
UN-16	16	22	8
UN-16	16	24	4
UN-16	16	24	5
UN-16	16	24	6
UN-16	16	24	8
UN-16	16	24	9
UN-16	16	25	6
UN-16	16	26	5

Part No.	SIZE		
	d	D	h
UN-16	16	26	7
UN-16	16	26	8
UN-16	16	28	6
UN-16	16	30	5
UN-16	16	30	6
UN-16	16	32	8
UN-16	16	36	5
UN-17	17	25	5
UN-17	17	25	5.5
UN-17	17	25	6
UN-17	17	30	6
UN-17	17	30	7
UN-18	18	22	8
UN-18	18	24	5
UN-18	18	24	B
UN-18	18	25	5
UN-18	18	25	8
UN-18	18	25.5	5
UN-18	18	26	5
UN-18	18	26	6
UN-18	18	26	7
UN-18	18	26	8
UN-18	18	28	5
UN-18	18	28	7
UN-18	18	28	8
UN-18	18	30	6
UN-18	18	30	8
UN-18	18	30	10
UN-18	18	31	8
UN-18	18	32	7
UN-18	18	34	8
UN-18	18	38	6
UN-18.5	18.5	31.74	6.35
UN-19	19	25	5
UN-19	19	25	6
UN-19	19	25	7
UN-19	19	34	8
UN-19.05	19.05	30.16	6.35
UN-19.05	19.05	33.34	7.93
UN-20	20	25	5
UN-20	20	26	3
UN-20	20	26	3.2
UN-20	20	26	3.3
UN-20	20	26	5
UN-20	20	26	6
UN-20	20	27	6
UN-20	20	26	4
UN-20	20	28	4.5
UN-20	20	28	5
UN-20	20	28	5.5
UN-20	20	28	6
UN-20	20	28	7
UN-20	20	28	8
UN-20	20	30	5
UN-20	20	30	6
UN-20	20	30	7
UN-20	20	30	8
UN-20	20	30	10

Part No.	SIZE		
	d	D	h
UN-20	20	31	8
UN-20	20	32	6
UN-20	20	32	7
UN-20	20	32	8
UN-20	20	33	5
UN-20	20	33	8
UN-20	20	33	10
UN-20	20	34.5	12
UN-20	20	35	7
UN-20	20	35	8
UN-20	20	35	10
UN-20	20	36	8
UN-20	20	37	12
UN-20	20	38	10
UN-20	20	40	8
UN-20	20	40	10
UN-20	20	40	12
UN-22	22	26	2.8
UN-22	22	26	4
UN-22	22	28	4.5
UN-22	22	28	6
UN-22	22	28	8
UN-22	22	29	5
UN-22	22	29	7
UN-22	22	30	4
UN-22	22	30	4.5
UN-22	22	30	5
UN-22	22	30	6
UN-22	22	30	7
UN-22	22	32	5
UN-22	22	32	6
UN-22	22	32	7.2
UN-22	22	32	8
UN-22	22	32	10
UN-22	22	34	7
UN-22	22	34	10
UN-22	22	35	6
UN-22	22	35	7
UN-22	22	35	8
UN-22	22	35	10
UN-22	22	36	9
UN-22	22	38	8
UN-22	22	40	10
UN-22	22	40	12
UN-22.4	22.4	30	5
UN-22.4	22.4	32.4	8
UN-22.5	22.5	31	5.5
UN-22.7	22.7	33	5.3
UN-23	23	35	6
UN-23.5	23.5	31.5	5
UN-23.81	23.81	36.69	7.93
UN-23.81	23.81	41.28	9.52
UN-24	24	30	6
UN-24	24	32	4
UN-24	24	32	5
UN-24	24	32	6
UN-24	24	32	7
UN-24	24	34	5

Part No.	SIZE		
	d	D	h
UN-24	24	34	6
UN-24	24	34	7
UN-24	24	36	6
UN-24	24	36	8
UN-24	24	40	9
UN-25	25	30	6
UN-25	25	31	6
UN-25	25	32	4
UN-25	25	32	5
UN-25	25	32	7
UN-25	25	32	8
UN-25	25	33	S
UN-25	25	33	5.5
UN-25	25	33	6
UN-25	25	33	7
UN-25	25	33	8
UN-25	25	33	10
UN-25	25	35	5
UN-25	25	35	6
UN-25	25	35	7
UN-25	25	35	7.3
UN-25	25	35	8
UN-25	25	35	10
UN-25	25	36	6
UN-25	25	37	7
UN-25	25	38	8
UN-25	25	38	10
UN-25	25	40	6
UN-25	25	40	6.5
UN-25	25	40	7
UN-25	25	40	8
UN-25	25	40	10
UN-25	25	42	8
UN-25	25	43	8
UN-25	25	45	8
UN-25	25	45	10
UN-25	25	50	10
UN-25.4	25.4	30.2	6
UN-26	26	32	4.7
UN-26	26	36	8
UN-26	26	36	10
UN-26	26	38	8
UN-26	26	47	12
UN-27	27	35	S
UN-27	27	35	10
UN-27	27	36	6
UN-27	27	37	6
UN-28	28	35	5
UN-28	28	35	6
UN-28	28	35.5	5
UN-28	28	36	4
UN-28	28	36	5
UN-28	28	36	6
UN-28	28	36	7
UN-28	28	36	8
UN-28	28	36	10
UN-28	28	36	6
UN-28	28	38	7

Part No.	SIZE		
	d	D	h
UN-28	28	38	8
UN-28	28	38	10
UN-28	28	40	8
UN-28	28	40	10
UN-28	28	43	10
UN-28	28	44	8
UN-28	28	50	13
UN-30	30	36	8
UN-30	30	37	6
UN-30	30	37	8
UN-30	30	38	5
UN-30	30	38	5.7
UN-30	30	38	6
UN-30	30	38	7
UN-30	30	38	8
UN-30	30	40	5
UN-30	30	40	5.5
UN-30	30	40	8
UN-30	30	40	6.5
UN-30	30	40	7
UN-30	30	40	7.3
UN-30	30	40	6
UN-30	30	40	10
UN-30	30	42	6
UN-30	30	42	8
UN-30	30	42	9
UN-30	30	42	10
UN-30	30	43	6.5
UN-30	30	43.6	9.5
UN-30	30	44	5.5
UN-30	30	45	8
UN-30	30	45	g
UN-30	30	45	10
UN-30	30	46	10
UN-30	30	47	10
UN-30	30	48	8
UN-30	30	48	10
UN-30	30	50	9
UN-30	30	50	10
UN-30	30	50	11
UN-30	30	50	12
UN-30	30	52	10
UN-31	31	47	10
UN-31.5	31.5	41.5	6
UN-31.5	31.5	44.3	9.5
UN-31.5	31.5	46.5	10
UN-31.8	31.8	41.3	6.3
UN-32	32	39	8
UN-32	32	40	4
UN-32	32	40	5
UN-32	32	40	5.5
UN-32	32	40	6
UN-32	32	40	6.3
UN-32	32	40	8
UN-32	32	40	10
UN-32	32	42	6
UN-32	32	42	7
UN-32	32	42	8

Part No.	SIZE		
	d	D	h
UN-32	32	42	10
UN-32	32	43	5
UN-32	32	44	6.3
UN-32	32	45	6
UN-32	32	45	8
UN-32	32	45	10
UN-32	32	46	10
UN-32	32	47	10
UN-32	32	48	8
UN-32	32	48	10
UN-32	32	50	10
UN-32.5	32.5	38	6
UN-33	33	39	8
UN-33	33	40	6
UN-33	33	42	8
UN-33	33	43	9
UN-34	34	45	8
UN-34	34	50	12
UN-35	35	41	5
UN-35	35	42	10
UN-35	35	43	5
UN-35	35	43	6
UN-35	35	43	7
UN-35	35	44	7
UN-35	35	43	10
UN-35	35	45	5
UN-35	35	45	6
UN-35	35	45	7
UN-35	35	45	6
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UN-36	36	43	8
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UN-36	36	44	5.3
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UN-36	36	48	10

Part No.	SIZE		
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UN-38	38	45	4.8
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UN-38	38	52	10
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UN-38	38	60	10
UN-38	38	62	12
UN-39	39	48	6.5
UN-39	39	54	10
UN-39	39	58	13
UN-40	40	48	5
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UN-40	40	48	8
UN-40	40	48	10
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UN-40	40	50	5
UN-40	40	50	6
UN-40	40	50	6.5
UN-40	40	50	7
UN-40	40	50	7.3
UN-40	40	50	8
UN-40	40	50	9
UN-40	40	50	10
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UN-40	40	56	6
UN-40	40	57	7.5
UN-40	40	60	8
UN-40	40	60	10
UN-40	40	60	12
UN-40	40	63	13
UN-40	40	65	10
UN-40	40	65	12
UN-41	41	57	10
UN-41	41	61	10
UN-42	42	50	6

Part No.	SIZE		
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UN-42	42	52	6
UN-42	42	52	6
UN-42	42	52	10
UN-42	42	53	9
UN-42	42	55	7
UN-42	42	55	3
UN-42	42	62	12
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UN-44	44	50	8.5
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UN-45	45	52	8
UN-45	45	52	10
UN-45	45	53	5.3
UN-45	45	53	6
UN-45	45	53	8
UN-45	45	53	10
UN-45	45	55	5
UN-45	45	55	6
UN-45	45	55	6.5
UN-45	45	55	7
UN-45	45	55	7.5
UN-45	45	55	8
UN-45	45	55	9
UN-45	45	55	10
UN-45	45	55	12
UN-45	45	56	7
UN-45	45	56	10
UN-45	45	57.7	9.5
UN-45	45	58	10
UN-45	45	58	12
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UN-45	45	60	10
UN-45	45	60	12
UN-45	45	61	10
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UN-45	45	63	10
UN-45	45	63	12
UN-45	45	65	6
UN-45	45	65	8
UN-45	45	65	10
UN-45	45	85	12
UN-45	45	66	10
UN-45	45	70	12
UN-45	45	70	1S.5
UN-45	45	70	16
UN-45	45	80	12
UN-46	46	56	6
UN-46	46	56	8
UN-46	46	62	10
UN-47	47	55	10
UN-48	48	58	6
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UN-48	48	58	10
UN-48	48	60	6
UN-48	48	60	7.9

Part No.	SIZE		
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UN-50	50	57	10
UN-50	50	58	5.3
UN-50	50	58	6
UN-50	50	58	8
UN-50	50	58	10
UN-50	50	58	12
UN-50	50	60	5
UN-50	50	60	6
UN-50	50	60	6.5
UN-50	50	60	7
UN-50	50	60	8
UN-50	50	60	10
UN-50	50	60	12
UN-50	50	62	9
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UN-50	50	75	12.5
UN-50.9	50.9	70	13
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UN-52	52	65	8
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UN-53	53	63	6
UN-53	53	63	6.5
UN-53	53	63	8
UN-53	53	63	10
UN-53	53	65	8
UN-53	53	73	12
UN-54	54	64	6
UN-54	54	70	12
UN-55	55	63	10
UN-55	55	63	8
UN-55	55	65	5

Part No.	SIZE		
	d	D	h
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UN-55	55	65	8
UN-55	55	65	10
UN-55	55	65	12
UN-55	55	66	10
UN-55	55	70	7.5
UN-55	55	70	8
UN-55	55	70	9
UN-55	55	70	10
UN-55	55	70	12
UN-55	55	71	12
UN-55	55	72	10
UN-55	55	75	10
UN-55	55	75	12
UN-55	55	76	10
UN-56	56	66	6
UN-56	56	66	6.5
UN-56	56	66	B.5
UN-56	56	66	10
UN-56	56	71	11.5
UN-56	56	76	12
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UN-57	57	76	7
UN-58	58	68	6
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UN-60	60	80	18
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UN-60	60	90	16
UN-61	61	67	5
UN-61	61	71	6
UN-61	61	71	6.5

Part No.	SIZE		
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UN-62	62	70	10
UN-62	62	72	10
UN-62	62	75	10
UN-62	62	78	10
UN-62	62	80	10
UN-62	62	82	10
UN-62	62	82	12
UN-63	63	71	6
UN-63	63	73	6
UN-63	63	73	12
UN-63	63	75	6
UN-63	63	75	10
UN-63	63	75	12
UN-63	63	75	14
UN-63	63	78	10
UN-63	63	80	9
UN-63	63	80	10
UN-63	63	80	12
UN-63	63	80	16
UN-63	63	83	12
UN-64	64	76	9.5
UN-64	64	80	6
UN-64	64	80	12
UN-65	65	73	6
UN-65	65	73	11.5
UN-65	65	75	6
UN-65	65	75	8
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UN-65	65	75	12
UN-65	65	76	10
UN-65	65	78	10
UN-65	65	79	10
UN-65	65	80	7.5
UN-65	65	80	8.4
UN-65	65	80	9
UN-65	65	80	10
UN-65	65	80	11
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UN-65	65	85	10
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UN-67	67	77	12
UN-67	67	87	12
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UN-70	70	78	8
UN-70	70	80	5
UN-70	70	80	6
UN-70	70	80	6.5
UN-70	70	80	7
UN-70	70	80	8

Part No.	SIZE		
	d	D	h
UN-70	70	80	10
UN-70	70	80	12
UN-70	70	81	10
UN-70	70	82	10
UN-70	70	82	12
UN-70	70	83	12
UN-70	70	84	10
UN-70	70	85	8
UN-70	70	85	9
UN-70	70	85	10
UN-70	70	85	10.5
UN-70	70	85	12
UN-70	70	90	10
UN-70	70	90	12
UN-70	70	90	13
UN-70	70	90	13.5
UN-70	70	90	15
UN-70	70	90	18
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UN-70	70	92	10
UN-70	70	95	12
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UN-71	71	91	12
UN-73	73	85	10
UN-75	75	83	11
UN-75	75	85	6
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UN-75	75	86	10
UN-75	75	90	9
UN-75	75	90	10
UN-75	75	90	12
UN-75	75	95	10
UN-75	75	95	12
UN-75	75	95	13
UN-75	75	95	13.5
UN-75	75	95	14
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UN-76	76	82	5
UN-76	76	86	14
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UN-78	78	86	14
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UN-80	80	92	14
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Part No.	SIZE		
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UN-80	80	95	9
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UN-80	80	95	11
UN-80	80	95	12
UN-80	80	96	12
UN-80	80	100	9.5
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UN-80	80	100	13.5
UN-80	80	100	15
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UN-80	80	110	12
UN-80	60	110	15
UN-81	81	100	16
UN-83	63	94	6.2
UN-85	85	93	8
UN-85	85	93	11.5
UN-85	85	95	5
UN-85	85	95	6
UN-85	85	95	8.5
UN-85	85	95	9
UN-85	85	95	10
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UN-85	85	95	12
UN-85	85	96	10
UN-85	85	97	9
UN-85	85	100	9
UN-85	85	100	10
UN-85	85	100	12
UN-85	85	105	10
UN-85	85	105	12
UN-85	85	105	15
UN-85	85	105	18
UN-85	85	110	12
UN-86	86	96	11.5
UN-87	87	95	11.5
UN-88	88	100	9
UN-88	88	100	14
UN-90	90	98	8
UN-90	90	100	5
UN-90	90	100	6
UN-90	90	100	6.5
UN-90	90	100	8
UN-90	90	100	9
UN-90	90	100	10
UN-90	90	100	12
UN-90	90	102	14
UN-90	90	105	9
UN-90	90	105	10
UN-90	90	105	11.5
UN-90	90	105	12
UN-90	90	110	9
UN-90	90	110	10
UN-90	90	110	12
UN-90	90	110	13
UN-90	90	110	15

Part No.	SIZE		
	d	D	h
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UN-90	90	115	15
UN-90	90	120	12
UN-90	90	125	15
UN-91	91	97	5
UN-95	95	105	7
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UN-95	95	105	12
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UN-95	95	110	10
UN-95	95	110	12
UN-95	95	115	12
UN-95	95	115	13.5
UN-95	95	115	15
UN-95	95	115	18
UN-95	95	120	12
UN-95	95	120	13
UN-97	97	105	14
UN-97	97	110	9
UN-98	98	112	9
UN-100	100	110	5
UN-100	100	110	6
UN-100	100	110	8
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UN-100	100	110	11
UN-100	100	110	12
UN-100	100	110	15
UN-100	100	112	9
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UN-100	100	115	15
UN-100	100	120	10
UN-100	100	120	12
UN-100	100	120	13.5
UN-100	100	120	15
UN-100	100	125	10
UN-100	100	125	12
UN-100	100	125	15
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UN-105	105	113	11
UN-105	105	115	9
UN-105	105	115	12
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UN-105	105	120	8
UN-105	105	120	9
UN-105	105	120	11
UN-105	105	120	12
UN-105	105	120	13
UN-105	105	120	15
UN-105	105	125	10
UN-105	105	125	11
UN-105	105	125	12

Part No.	SIZE		
	d	D	h
UN-105	105	125	13
UN-105	105	125	15
UN-105	105	125	16
UN-105	105	130	12
UN-105	105	130	13
UN-106	106	121	9
UN-106	106	126	16
UN-107	107	113	5
UN-110	110	120	12
UN-110	110	124	9.5
UN-110	110	125	9
UN-110	110	125	11
UN-110	110	125	12
UN-110	110	125	15
UN-110	110	130	9
UN-110	110	130	12
UN-110	110	130	15
UN-110	110	130	16
UN-110	110	135	15
UN-110	110	140	15
UN-110	110	140	18
UN-110	110	145	15
UN-112	112	125	9
UN-112	112	127	12
UN-112	112	132	15
UN-112	112	132	16
UN-113	113	125	14
UN-115	115	125	12
UN-115	115	130	g
UN-115	115	130	10
UN-115	115	130	12
UN-115	115	130	13.5
UN-115	115	130	14.5
UN-115	115	130	15
UN-115	115	135	12
UN-115	115	135	15
UN-115	115	140	12
UN-115	115	140	15
UN-117	117	130	10
UN-117	117	130	12
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UN-120	120	130	14
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UN-120	120	135	12
UN-120	120	140	10
UN-120	120	140	12
UN-120	120	140	13
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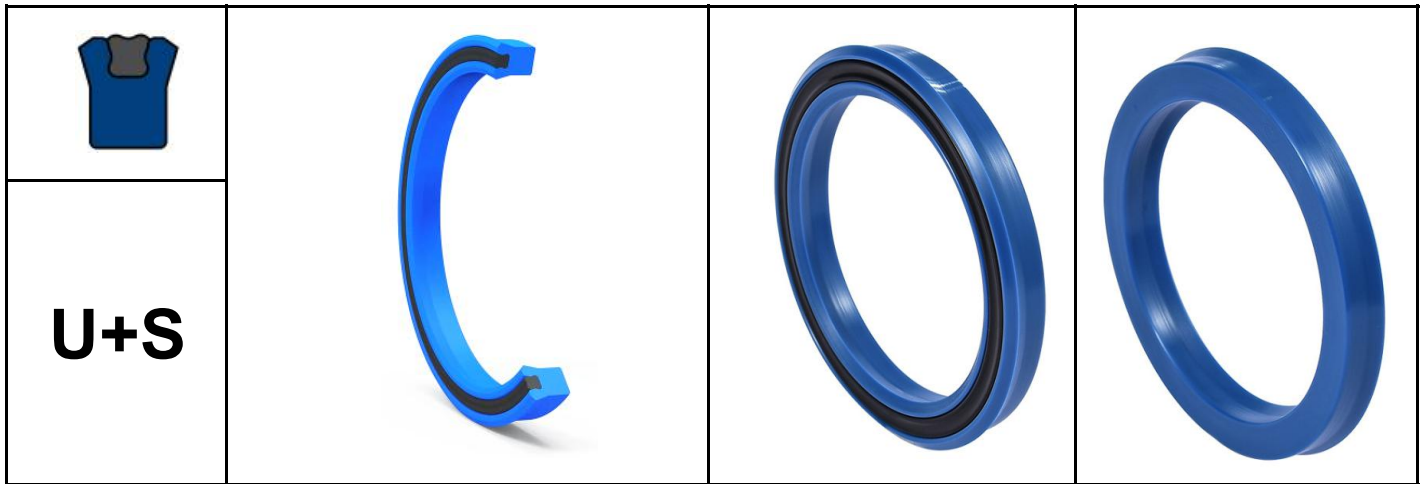
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UN-120	120	150	18
UN-124	124	145	15
UN-125	125	135	12
UN-125	125	140	g
UN-125	125	140	11
UN-125	125	140	12
UN-125	125	140	13
UN-125	125	140	15
UN-125	125	145	12
UN-125	125	145	15
UN-125	125	145	16
UN-125	125	150	15
UN-125	125	155	15
UN-126	126	132	5
UN-130	130	140	6
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UN-130	130	145	9
UN-130	130	145	12
UN-130	130	145	15
UN-130	130	150	10
UN-130	130	150	12
UN-130	130	150	15
UN-130	130	150	16
UN-130	130	155	12
UN-130	130	155	15
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UN-130	130	165	15
UN-132	132	145	9
UN-132	132	152	15
UN-135	135	145	12
UN-135	135	145	13
UN-135	135	150	9
UN-135	135	150	11
UN-135	135	150	12
UN-135	135	150	15
UN-135	135	155	12
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UN-135	135	165	15
UN-136	136	150	9
UN-140	140	148	7
UN-140	140	150	5
UN-140	140	150	6
UN-140	140	150	11
UN-140	140	150	12
UN-140	140	150	13.5
UN-140	140	150	15
UN-14	140	152	10
UN-140	140	155	9
UN-140	140	155	10
UN-140	140	155	12
UN-140	140	155	15
UN-140	140	157	6
UN-140	140	160	9
UN-140	140	160	10
UN-140	140	160	12

Part No.	SIZE		
	d	D	h
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UN-140	140	160	16
UN-140	140	165	12
UN-140	140	165	15
UN-140	140	170	15
UN-141	141	151	14
UN-143	143	151	14
UN-144	144	160	18
UN-145	145	160	9
UN-145	145	160	12
UN-145	145	165	12
UN-145	145	165	15
UN-145	145	170	15
UN-145	145	175	15
UN-148	148	160	14
UN-150	150	165	9
UN-150	150	165	15
UN-150	150	170	10
UN-150	150	170	12
UN-150	150	170	15
UN-150	150	170	16
UN-150	150	170	15
UN-150	150	175	16
UN-150	150	180	15
UN-150	150	100	18
UN-155	155	170	9
UN-155	155	175	12
UN-155	155	180	15
UN-155	155	180	16
UN-155	155	180	19
UN-160	160	170	7.5
UN-160	160	170	12
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UN-160	160	175	9
UN-160	160	175	10
UN-160	160	175	12
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UN-160	160	180	16
UN-160	160	185	12
UN-160	160	185	16
UN-160	160	185	18
UN-160	160	190	15
UN-160	160	190	18
UN-160	160	195	17
UN-162	162	172	14
UN-164	164	180	18
UN-165	165	177	9
UN-165	165	180	9
UN-165	165	180	15
UN-165	165	185	12
UN-165	165	185	15
UN-165	165	190	15
UN-165	165	190	16
UN-165	165	190	19

Part No.	SIZE		
	d	D	h
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UN-170	170	185	9
UN-170	170	185	12
UN-170	170	185	15
UN-170	170	190	15
UN-170	170	195	12
UN-170	170	195	15
UN-170	170	195	16
UN-170	170	200	15
UN-170	170	200	10
UN-170	170	215	20
UN-171	171	179	14
UN-175	175	190	10
UN-175	175	190	16
UN-175	175	200	15
UN-175	175	200	16
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UN-175	175	205	15
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UN-180	180	205	12
UN-180	180	205	15
UN-180	180	205	16
UN-180	180	205	18
UN-180	180	210	15
UN-180	180	210	18
UN-180	180	210	22
UN-180	180	215	15
UN-183	183	193	14
UN-184	184	200	18
UN-185	185	195	12
UN-185	185	200	7.5
UN-185	185	200	9
UN-185	185	200	12
UN-185	185	200	15
UN-185	185	205	12
UN-185	185	205	15
UN-185	185	210	15
UN-185	185	210	16
UN-185	185	215	15
UN-190	190	205	15
UN-190	190	205	16
UN-190	190	210	12
UN-190	190	210	15
UN-190	190	215	15
UN-190	190	215	16
UN-190	190	220	15
UN-190	190	220	16
UN-190	190	220	18
UN-190	190	220	22
UN-190	190	225	15
UN-195	195	220	15
UN-200	200	215	12
UN-200	200	216	18

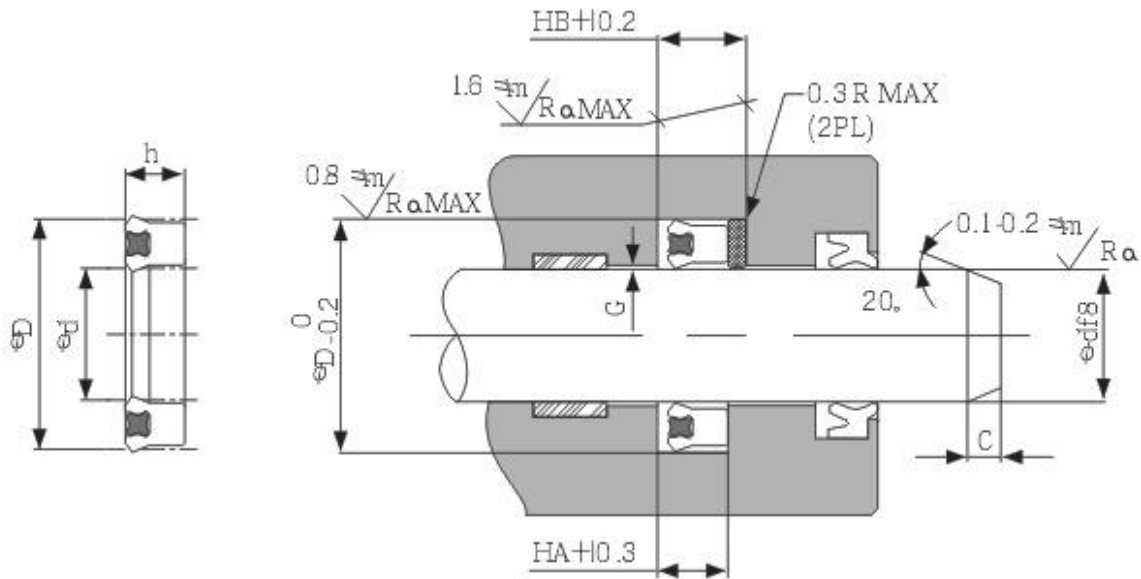
Part No.	SIZE		
	d	D	h
UN-200	200	220	12
UN-200	200	220	15
UN-200	200	220	18
UN-200	200	225	15
UN-200	200	225	16
UN-200	200	225	19
UN-200	200	230	15
UN-200	200	230	18
UN-200	200	230	22
UN-200	200	235	20
UN-200	200	240	12
UN-205	205	230	16
UN-205	205	230	20
UN-207	207	217	14
UN-210	210	225	15
UN-210	210	230	12
UN-210	210	230	14
UN-210	210	230	15
UN-210	210	235	15
UN-210	210	235	18
UN-210	210	240	15
UN-210	210	240	18
UN-212	212	237	18
UN-215	215	240	15
UN-215	215	240	16
UN-215	215	240	18
UN-215	215	240	19
UN-220	220	240	12
UN-220	220	240	15
UN-220	220	245	18
UN-220	220	250	15
UN-220	220	250	18
UN-220	220	250	22
UN-225	225	240	12
UN-225	225	245	15
UN-225	225	250	15
UN-225	225	250	18
UN-225	225	255	26
UN-230	230	250	12
UN-230	230	250	12.5
UN-230	230	250	15
UN-230	230	250	18
UN-230	230	255	18
UN-230	230	260	18
UN-230	230	260	22
UN-235	235	255	12
UN-235	235	260	16
UN-235	235	260	19
UN-240	240	260	12
UN-240	240	260	16
UN-240	240	265	16
UN-240	240	270	15
UN-240	240	270	18
UN-250	250	270	12
UN-250	250	266	18
UN-250	250	270	15
UN-250	250	270	18
UN-250	250	275	18

Part No.	SIZE		
	d	D	h
UN-250	250	275	19
UN-250	250	280	18
UN-250	250	280	19
UN-250	250	280	25
UN-255	255	280	16
UN-255	255	280	19
UN-260	260	280	14
UN-260	260	280	18
UN-260	260	290	18
UN-264	264	280	18
UN-265	265	290	19
UN-265	265	295	19
UN-270	270	300	15
UN-270	270	300	18
UN-275	275	300	16
UN-280	280	300	15
UN-280	280	300	16
UN-280	280	300	18
UN-280	280	305	16
UN-280	280	310	20
UN-280	280	320	20
UN-290	290	320	18
UN-300	300	330	18
UN-305	305	340	27
UN-320	320	350	22
UN-325	325	355	25
UN-330	330	350	15
UN-330	330	360	22
UN-370	370	340	22
UN-380	380	350	22
UN-390	380	360	22
UN-400	400	370	22



U+S

SEAL INFORMATION	
Material	PU+NBR
Temperature range	-20~100°C
Max pressure	≤ 35 MPa
Max speed	≤ 0.8 m/s
Application	Rod



Part No.	SIZE		
	d	D	h
U+S-5.2	5.2	11	4
U+S-7	7.0	17	5
U+S-11	11.0	18	5
U+S-11.2	11.2	19	5
U+S-12.5	12.5	21	5
U+S-14	14.0	22	5
U+S-16	16.0	24	5
U+S-18	18.0	26	5
U+S-18	18.0	26	5
U+S-20	20.0	28	5
U+S-22.4	22.4	30	5
U+S-23.5	23.5	32	5

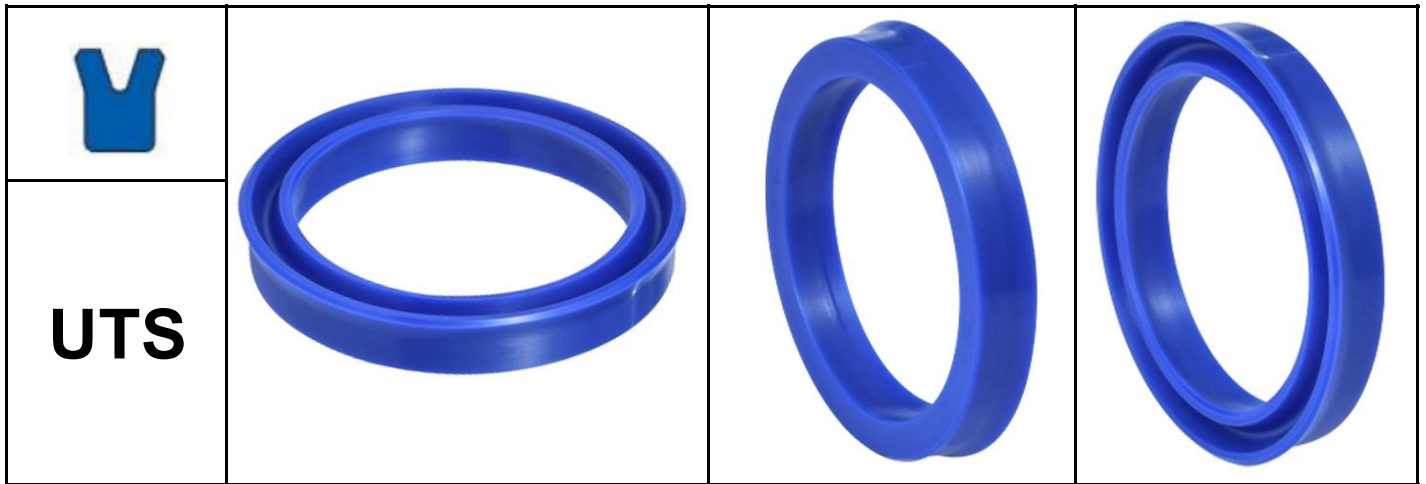
Part No.	SIZE		
	d	D	h
U+S-25	25.0	33	5
U+S-25	25.0	33	6
U+S-28	28.0	36	5
U+S-30	30.0	40	6
U+S-31.5	31.5	42	6
U+S-32	32.0	42	6
U+S-35	35.0	45	6
U+S-35	35.0	45	7
U+S-35.5	35.5	45	6
U+S-38	38.0	48	6
U+S-40	40.0	50	6
U+S-40	40.0	50	7

Part No.	SIZE		
	d	D	h
U+S-41.3	41.3	50	7
U+S-45	45.0	55	6
U+S-45	45.0	55	7
U+S-45	45.0	56	7
U+S-50	50	60	6
U+S-50	50	60	8
U+S-53	53	63	6
U+S-55	55	65	6
U+S-56	56	66	6
U+S-58	58	68	6
U+S-60	60	70	6
U+S-60	60	70	8

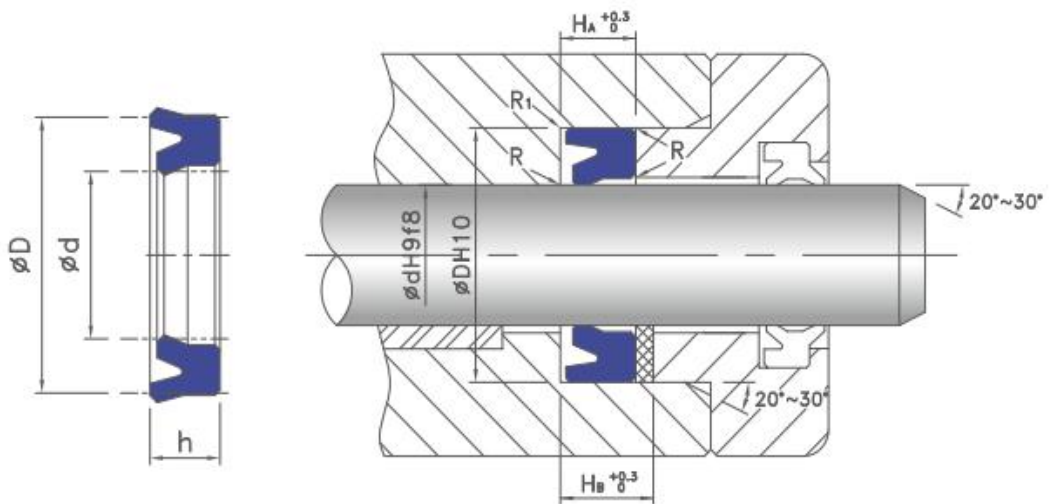
Part No.	SIZE		
	d	D	h
U+S-60	60	71	7
U+S-60	60	75	8
U+S-63	63	73	6
U+S-65	65	70	8
U+S-65	65	75	6
U+S-67	67	77	6
U+S-70	70	80	6
U+S-71	71	80	6
U+S-75	75	85	6
U+S-80	80	90	6
U+S-85	85	100	9
U+S-85	85	100	10
U+S-90	90	105	9
U+S-95	95	110	9
U+S-98	98	112	9
U+S-100	100	115	9
U+S-100	100	115	10
U+S-105	105	120	10
U+S-110	110	125	10
U+S-112	112	125	9
U+S-115	115	130	9
U+S-115	115	130	10
U+S-118	118	133	9
U+S-120	120	135	9
U+S-120	120	135	10
U+S-125	125	140	9
U+S-127	127	140	14.3
U+S-136	136	150	9
U+S-140	140	155	9
U+S-145	145	160	9
U+S-160	160	175	9
U+S-6.3	6.3	16.3	8
U+S-7.1	7.1	17.1	8
U+S-8	8	18	8
U+S-9	9	19	8
U+S-10	10	20	8
U+S-11.2	11.2	21.2	8
U+S-12.5	12.5	22.5	8
U+S-14	14	24	8
U+S-15	15	25	8
U+S-16	16	26	8
U+S-18	18	28	8
U+S-20	20	30	8
U+S-22.4	22.4	32.4	8
U+S-25	25	35	8
U+S-28	28	43	10
U+S-30	30	45	10
U+S-31.5	31.5	46.5	10
U+S-35	35	50	10
U+S-35.5	35.5	50.5	10
U+S-40	40	55	10
U+S-45	45	60	9
U+S-45	45	60	10
U+S-45	45	65	12
U+S-48	48	63	10
U+S-50	50	63	10
U+S-50	50	65	9
U+S-50	50	65	10

Part No.	SIZE		
	d	D	h
U+S-50	50	70	12
U+S-53	53	73	12
U+S-55	55	68	10
U+S-55	55	70	9
U+S-55	55	70	10
U+S-55	55	75	12
U+S-56	56	76	12
U+S-60	60	73	10
U+S-60	60	75	9
U+S-60	60	75	10
U+S-60	60	80	9
U+S-60	60	80	12
U+S-63	63	83	12
U+S-65	65	78	10
U+S-65	65	80	9
U+S-65	65	80	10
U+S-65	65	85	12
U+S-67	67	87	12
U+S-70	70	83	10
U+S-70	70	85	9
U+S-70	70	85	10
U+S-70	70	90	12
U+S-71	71	91	12
U+S-75	75	88	10
U+S-75	75	90	9
U+S-75	75	90	10
U+S-75	75	95	12
U+S-80	80	93	10
U+S-80	80	95	9
U+S-80	80	95	10
U+S-80	80	100	12
U+S-85	85	105	12
U+S-90	90	105	10
U+S-90	90	110	12
U+S-95	95	110	10
U+S-95	95	115	12
U+S-100	100	120	12
U+S-100	100	120	15
U+S-105	105	125	12
U+S-105	105	125	15
U+S-105	105	125	16
U+S-106	106	126	16
U+S-110	110	130	10
U+S-110	110	130	12
U+S-110	110	130	15
U+S-110	110	130	16
U+S-112	112	132	16
U+S-115	115	135	12
U+S-118	118	138	16
U+S-120	120	140	10
U+S-120	120	140	12
U+S-120	120	140	15
U+S-120	120	140	16
U+S-125	125	145	16
U+S-130	130	150	12
U+S-130	130	150	16
U+S-140	140	160	12
U+S-140	140	160	16

Part No.	SIZE		
	d	D	h
U+S-148	148	167	9.5
U+S-150	150	170	16
U+S-180	180	200	12.5
U+S-220	220	240	12



SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max pressure	≤ 32 MPa
Max speed	≤ 0.5 m/s
Application	Rod



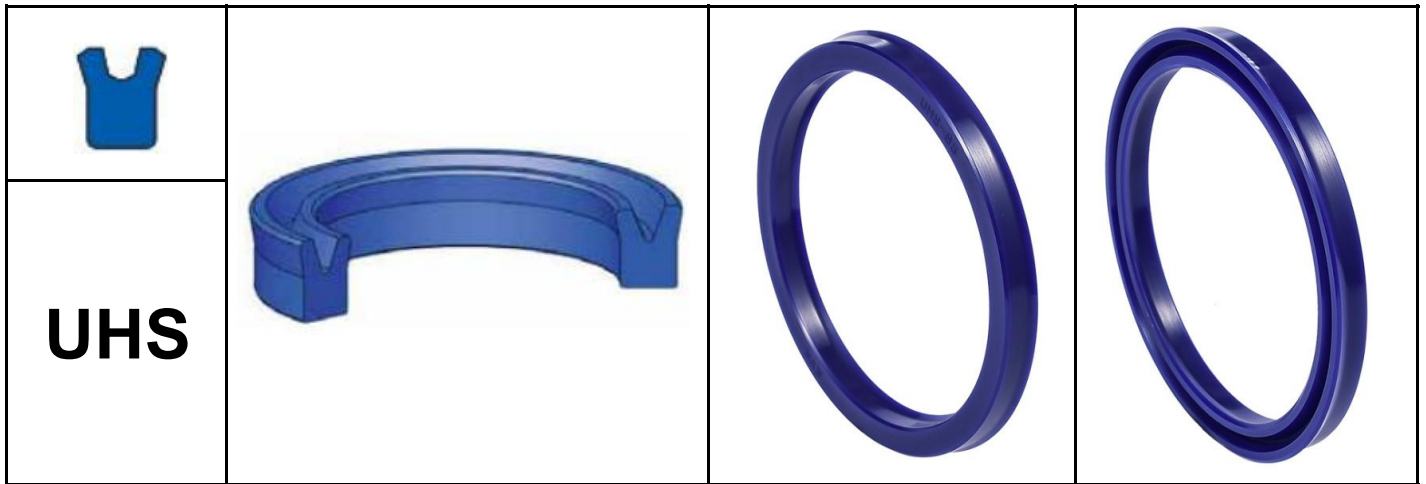
Part No.	SIZE		
	d	D	h
UTS	300	325	19
UTS	300	330	15
UTS	300	330	18
UTS	300	330	22
UTS	300	332	24
UTS	300	340	25
UTS	302	340	27
UTS	304	340	27
UTS	305	350	27
UTS	305	350	38
UTS	310	335	20
UTS	310	340	20

Part No.	SIZE		
	d	D	h
UTS	310	340	22
UTS	315	345	22
UTS	320	340	15
UTS	320	350	15
UTS	320	350	18
UTS	320	350	19
UTS	320	350	20
UTS	320	350	22
UTS	320	360	20
UTS	320	360	30
UTS	323	355	22
UTS	325	355	25

Part No.	SIZE		
	d	D	h
UTS	330	350	15
UTS	330	360	20
UTS	330	360	22
UTS	330	365	18
UTS	340	360	15
UTS	340	370	20
UTS	340	370	22
UTS	340	380	20
UTS	345	375	20
UTS	345	375	22
UTS	350	380	18
UTS	350	380	20

Part No.	SIZE		
	d	D	h
UTS	350	380	22
UTS	350	380	22
UTS	350	390	20
UTS	350	390	22
UTS	350	390	28
UTS	355	385	22
UTS	355	385	24
UTS	355	387	24
UTS	360	380	16
UTS	360	390	22
UTS	360	400	25
UTS	360	400	35
UTS	360	410	25
UTS	368	400	24
UTS	370	400	20
UTS	370	400	22
UTS	375	405	22
UTS	380	400	15
UTS	380	410	22
UTS	380	420	20
UTS	380	420	22
UTS	380	420	25
UTS	380	420	29
UTS	390	420	22
UTS	400	425	19
UTS	400	425	20
UTS	400	425	22
UTS	400	425	25
UTS	400	430	19
UTS	400	430	22
UTS	400	432	24
UTS	400	440	25
UTS	400	445	20
UTS	404	440	27
UTS	410	445	25
UTS	410	450	20
UTS	410	450	25
UTS	415	440	13
UTS	415	450	25
UTS	420	450	19
UTS	420	450	24
UTS	420	455	20
UTS	420	455	25
UTS	425	457	24
UTS	425	463	20
UTS	430	460	22
UTS	430	465	25
UTS	435	465	20
UTS	435	470	22
UTS	450	480	22
UTS	450	482	24
UTS	450	485	25
UTS	450	490	40
UTS	450	494	40
UTS	454	474	10
UTS	460	480	12
UTS	460	500	20
UTS	460	500	29

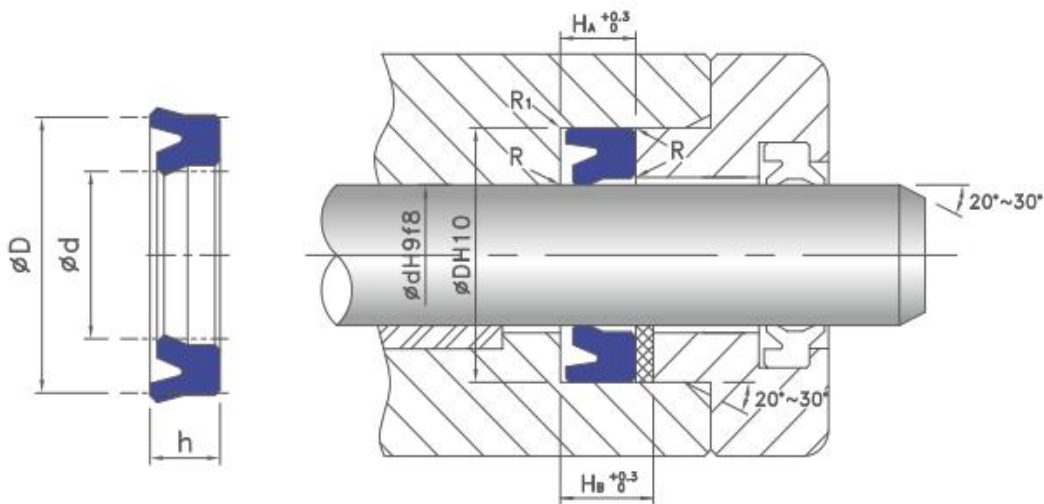
Part No.	SIZE		
	d	D	h
UTS	465	500	25
UTS	470	505	25
UTS	470	515	35
UTS	475	510	25
UTS	475	515	40
UTS	480	500	14
UTS	480	515	25
UTS	482	507	19
UTS	490	515	20
UTS	490	530	20
UTS	490	530	25
UTS	500	520	15
UTS	500	530	22
UTS	500	535	25
UTS	500	540	26
UTS	510	550	24
UTS	510	550	28
UTS	520	570	22
UTS	525	565	28
UTS	530	570	25
UTS	540	575	23
UTS	540	580	28
UTS	540	580	40
UTS	540	590	45
UTS	555	607	45
UTS	560	590	22
UTS	560	600	28
UTS	560	610	45
UTS	570	600	17
UTS	580	620	28
UTS	580	630	30
UTS	600	618	13
UTS	600	640	28
UTS	600	650	25
UTS	610	630	14
UTS	650	690	25
UTS	660	700	32
UTS	670	700	22
UTS	680	730	28
UTS	720	760	22
UTS	750	800	30
UTS	760	800	34
UTS	780	820	30
UTS	800	850	30
UTS	830	870	30
UTS	850	900	30
UTS	860	900	30
UTS	870	920	35
UTS	950	1000	25
UTS	960	1010	30
UTS	960	1030	35
UTS	1000	1050	25
UTS	1050	1100	25
UTS	1050	1100	30
UTS	1050	1100	35
UTS	1180	1230	35
UTS	1350	1400	35



UHS

SEAL INFORMATION

Material	PU
Temperature range	-20~100°C
Max pressure	≤ 31.5 MPa
Max speed	≤ 1.0 m/s
Application	Rod

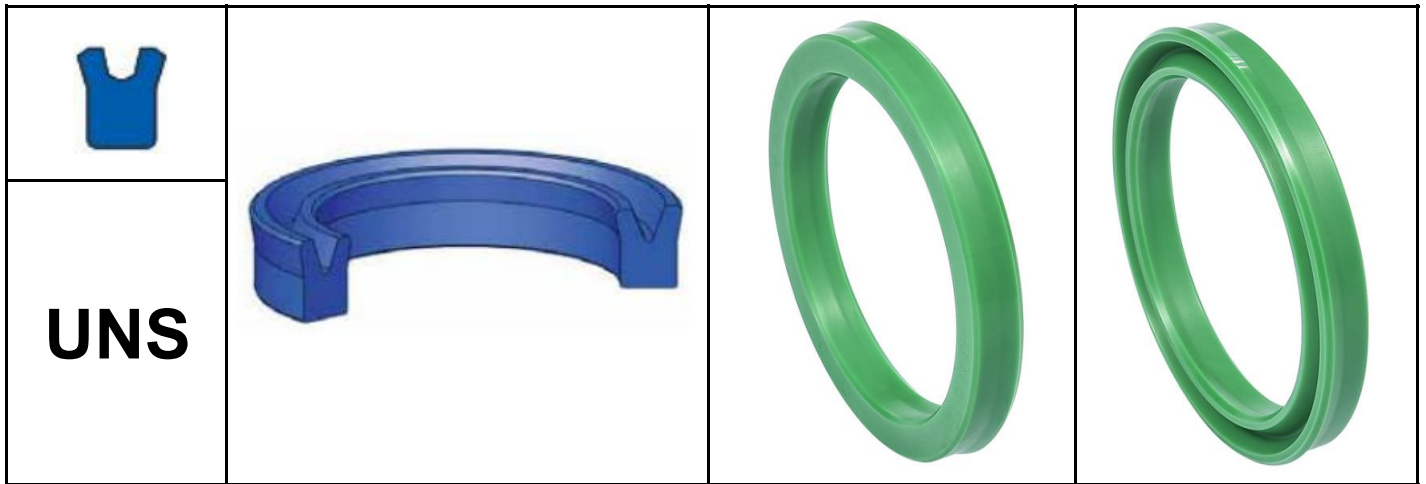


Part No.	SIZE		
	d	D	h
UHS-11.2	11.2	19.2	5
UHS-12.5	12.5	20.5	5
UHS-14	14	22	5
UHS-16	16	24	5
UHS-16A	16	26	5
UHS-18	18	26	5
UHS-20	20	28	5
UHS-22.4	22.4	30	5
UHS-23.5	23.5	31.5	5
UHS-25	25	33	5
UHS-28	28	35.5	5
UHS-30	30	40	6

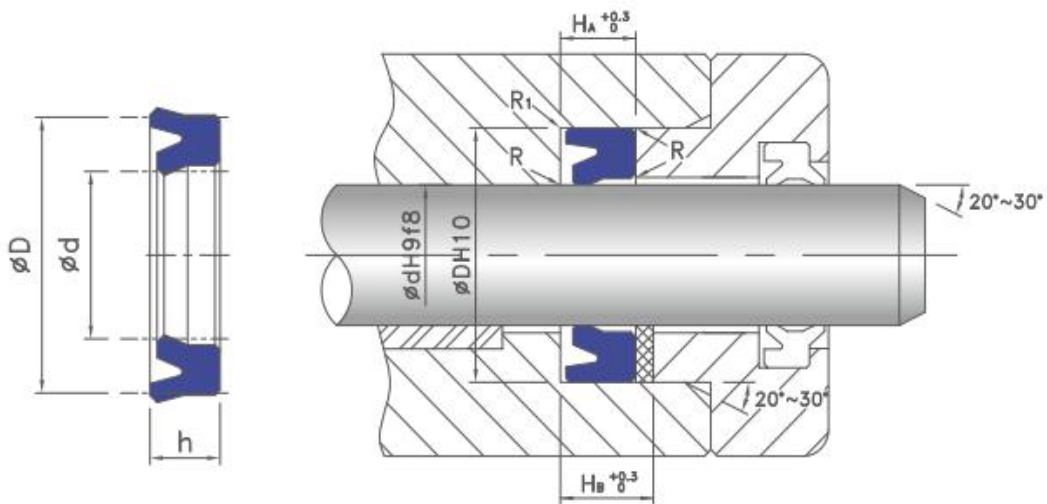
Part No.	SIZE		
	d	D	h
UHS-31.5	31.5	41.5	6
UHS-32	32	42	6
UHS-35	35	45	6
UHS-35.5	35.5	45	6
UHS-38	38	48	6
UHS-40	40	50	6
UHS-45A	45	55	6
UHST5	45	56	7
UHS-50	50	60	6
UHS-53	53	63	6
UHS-55	55	65	6
UHS-56	56	66	6

Part No.	SIZE		
	d	D	h
UHS-58	58	68	6
UHS-60	60	71	7
UHS-60A	60	70	6
UHS-63	63	73	6
UHS-65	65	75	6
UHS-67	67	77	6
UHS-70	70	80	6
UHS-71	71	80	6
UHS-75	75	85	6
UHS-80	80	90	6
UHS-85	85	100	9
UHS-87	87	100	9

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>h</i>
UHS-90	90	105	9
UHS-95	95	110	9
UHS-98	98	112	9
UHS-100	100	115	9
UHS-112	112	125	9
UHS-115	115	130	9
UHS-125	125	140	9
UHS-136	136	150	9
UHS-140	140	155	9
UHS-145	145	160	9



SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max pressure	≤ 31.5 MPa
Max speed	≤ 1.0 m/s
Application	Rod



Part No.	SIZE		
	d	D	h
UNS-6.3	6.3	16.3	8
UNS-7.1	7.1	17.1	8
UNS-8	8	18	8
UNS-9	9	19	8
UNS-10	10	20	8
UNS-11.2	11.2	21.2	8
UNS-12.5	12.5	22.5	8
UNS-14	14	24	8
UNS-15	15	25	8
UNS-16	16	26	8
UNS-18	18	28	8
UNS-20	20	30	8

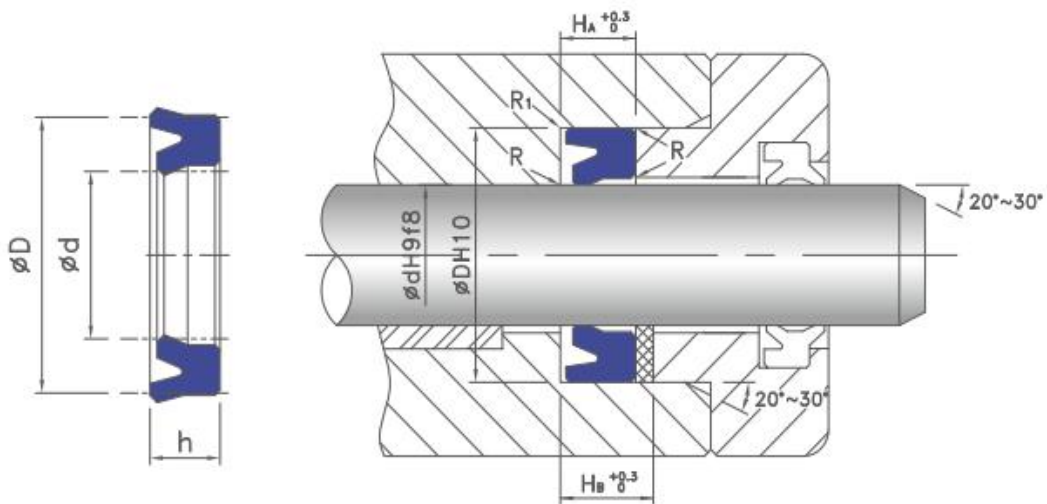
Part No.	SIZE		
	d	D	h
UNS-22.4	22.4	32.4	8
UNS-25	25	35	8
UNS-28	28	43	10
UNS-30	30	45	10
UNS-31.5	31.5	46.5	10
UNS-35	35	50	10
UNS-35.5	35.5	50.5	10
UNS-40	40	55	10
UNS-45	45	60	10
UNS-48	48	63	10
UNS-50	50	65	10
UNS-53	53	73	12

Part No.	SIZE		
	d	D	h
UNS-55	55	75	12
UNS-56	56	76	12
UNS-60	60	80	12
UNS-63	63	83	12
UNS-65	65	85	12
UNS-67	67	87	12
UNS-70	70	90	12
UNS-71	71	91	12
UNS-75	75	95	12
UNS-80	80	100	12
UNS-85	85	105	12
UNS-90	90	110	12

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>h</i>
UNS-95	95	115	12
UNS-100	100	120	12
UNS-105	105	125	16
UNS-106	106	126	16
UNS-110	110	130	16
UNS-112	112	132	16
UNS-118	118	138	16
UNS-120	120	140	16
UNS-125	125	145	16
UNS-130	130	150	16
UNS-140	140	160	16
UNS-150	150	170	16

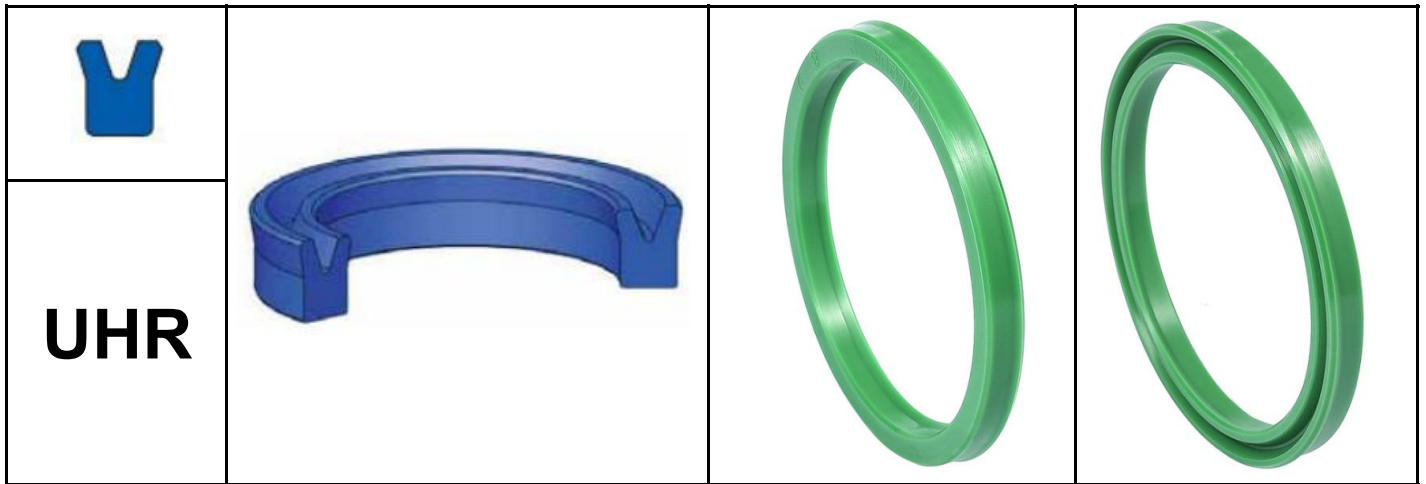


SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max pressure	≤ 31.5 MPa
Max speed	≤ 1.0 m/s
Application	Rod

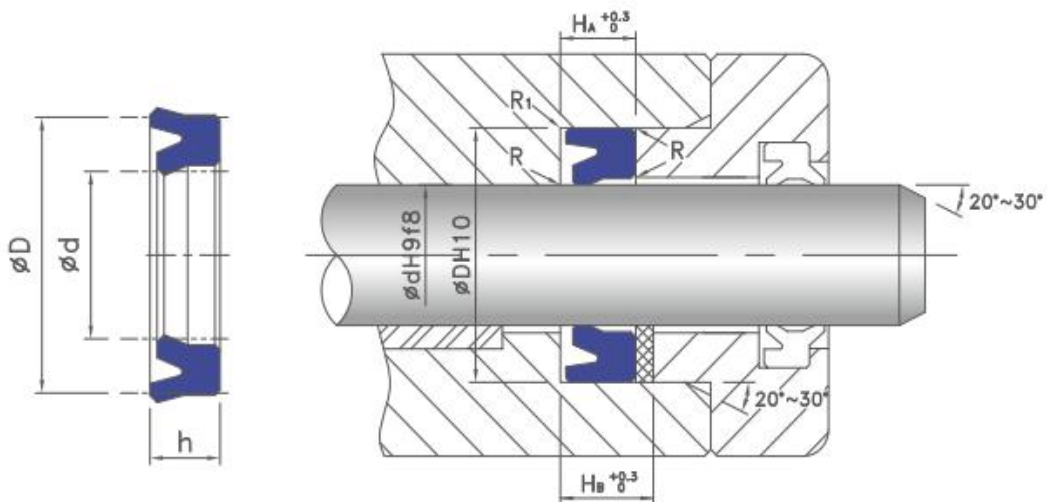


Part No.	SIZE		
	d	D	h
UNR-160	160	185	16
UNR-170	170	195	16
UNR-180	180	205	16
UNR-190	190	215	16
UNR-200	200	225	16
UNR-210	210	235	19
UNR-212	212	237	19
UNR-224	224	249	19
UNR-230	230	255	19
UNR-236	236	261	19
UNR-250	250	275	19
UNR-265	265	295	19

Part No.	SIZE		
	d	D	h
UNR-270	270	300	19
UNR-275	275	300	19
UNR-280	280	310	19



SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max pressure	≤ 31.5 MPa
Max speed	≤ 1.0 m/s
Application	Rod

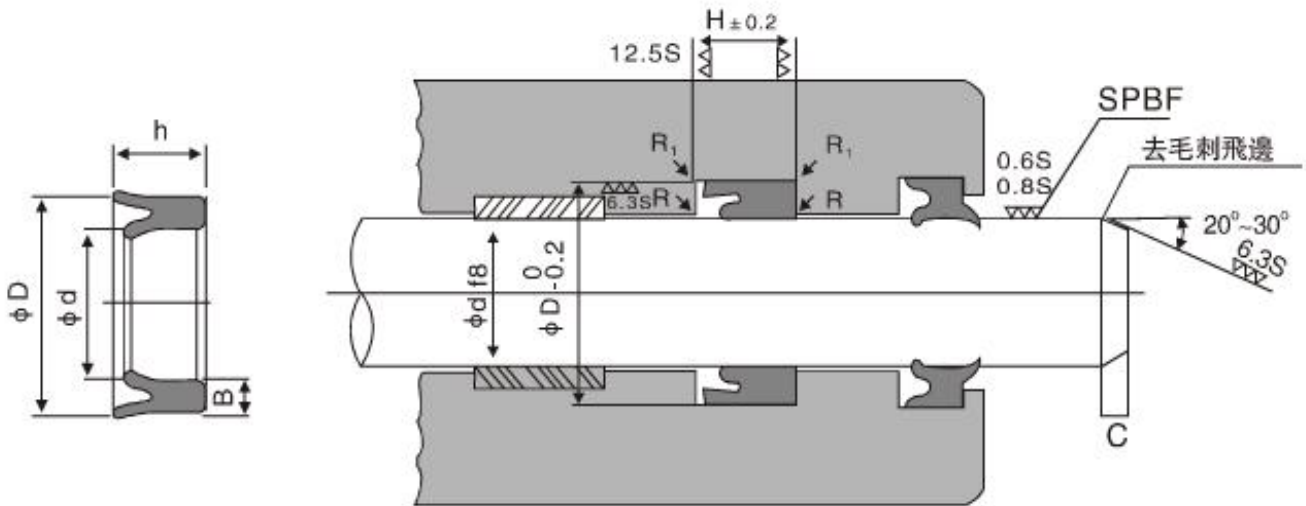


Part No.	SIZE		
	d	D	h
UHR-22.4	22.4	30	5.2
UHR-28	28	35.5	5.2
UHR-35.5	35.5	45	6.5
UHR-40	40	50	6.5
UHR-45A	45	55	6.5
UHR-45A	45	56	7.5
UHR-50	50	60	6.5
UHR-56	56	66	6.5
UHR-63	63	73	6.5
UHR-67	67	77	6.5
UHR-71	71	80	6.5
UHR-80	80	90	6.5

Part No.	SIZE		
	d	D	h
UHR-85	85	100	9.5
UHR-90	90	105	9.5
UHR-100	100	115	9.5
UHR-112	112	125	9.5
UHR-125	125	140	9.5
UHR-140	140	155	9.5
UHR-160	160	175	9.5
UHR-165	165	180	9.5
UHR-180	180	200	12.5
UHR-200	200	220	12.5



SEAL INFORMATION	
Material	NBR / FKM
Temperature range	-30~230°C
Max pressure	≤ 1.6 MPa
Max speed	≤ 0.5 m/s
Application	Rod



Part No.	SIZE		
	d	D	h
QYd-8	6	16	5.1
QYd-12	12	20	8
QYd-12A	12	20	6
QYd-14	14	22	8
QYd-14A	14	22	6
QYd-16	16	24	8
QYd-16A	16	24	6
QYd-18	18	26	8
QYd-18A	18	26	6
QYd-20	20	28	8
QYd-20A	20	28	6
QYd-22	22	30	8

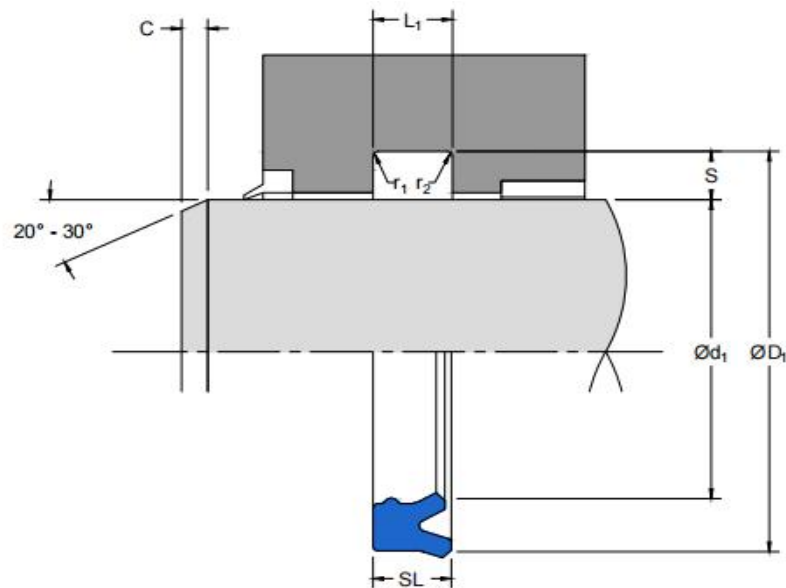
Part No.	SIZE		
	d	D	h
QYd-22A	22	30	6
QYd-25	25	33	8
QYd-25A	25	33	6
QYd-28	2S	36	8
QYd-30	30	38	6
QYd-32	32	40	6
QYd-35	35	43	8
QYd-36	36	44	8
QYd-40	40	48	8
QYd-45	45	53	8
QYd-50	50	62	12
QYd-50A	50	60	12

Part No.	SIZE		
	d	D	h
QYd-55	55	67	12
QYd-55A	55	65	12
QYd-55B	55	70	12
QYd-56	56	68	12
QYd-56A	56	66	12
QYd-60	60	72	12
QYd-60A	60	70	12
QYd-63	63	75	12
QYd-63A	63	73	12
QYd-65	65	75	12
QYd-70	70	82	12
QYd-70A	70	80	12

Part No.	SIZE		
	d	D	h
QYd-80	80	92	12
QYd-80A	80	90	12
QYd-90	90	102	12
QYd-90A	90	100	12
QYd-100	100	112	12
QYd-100A	100	110	12
QYd-110	110	122	12
QYd-110A	110	120	12
QYd-110B	110	122	10.5
QYd-120	120	132	12
QYd-120A	120	130	12
QYd-125	125	137	12
QYd-125A	125	135	12
QYd-130	130	142	12
QYd-130A	130	140	12
QYd-140	140	152	12
QYd-140A	140	150	12
QYd-150	150	162	12
QYd-150A	150	160	12
QYd-160	160	176	16
QYd-160A	160	175	16
QYd-170	170	186	16
QYd-170A	170	185	16
QYd-180	180	196	16
QYd-180A	180	195	16
QYd-190	190	206	16
QYd-190A	190	205	16
QYd-200	200	216	16
QYd-200A	200	215	16
QYd-210	210	226	16
QYd-210A	210	225	16
QYd-220	220	236	16
QYd-220A	220	235	16
QYd-240	240	256	16
QYd-240A	240	255	16
QYd-250	250	266	16
QYd-250A	250	265	16
QYd-280	280	296	16
QYd-280A	280	295	16
QYd-300	300	316	16
QYd-300A	300	315	16
QYd-320	320	336	16
QYd-320A	320	335	16
QYd-340	340	360	20
QYd-360	360	380	20
QYd-380	380	400	20
QYd-400	400	420	20
QYd-450	450	470	20
QYd-480	480	500	20
QYd-500	500	520	20
QYd-560	560	580	20
QYd-600	600	620	20
QYd-630	630	650	20
QYd-650	650	670	20



SEAL INFORMATION	
Material	PU / NBR / FKM
Temperature range	-30~230°C
Max pressure	≤ 32 MPa
Max speed	≤ 0.5 m/s
Application	Rod



Part No.	SIZE		
	d	D	SL
IDU-6	6	12	8
IDU-8	8	14	8
IDU-10	10	16	8
IDU-12	12	16	4
IDU-12	12	17	4
IDU-12	12	18	8
IDU-12	12	20	6
IDU-12	12	20	8
IDU-14	14	20	6
IDU-14	14	20	8
IDU-14	14	26	6
IDU-16	16	22	8

Part No.	SIZE		
	d	D	SL
IDU-16	16	24	8
IDU-16	16	24	10
IDU-18	18	24	8
IDU-18	18	26	10
IDU-20	20	26	8
IDU-20	20	27	11.5
IDU-20	20	28	5
IDU-20	20	28	10
IDU-22	22	28	8
IDU-22	22	30	10
IDU-25	25	31	8
IDU-25	25	33	10

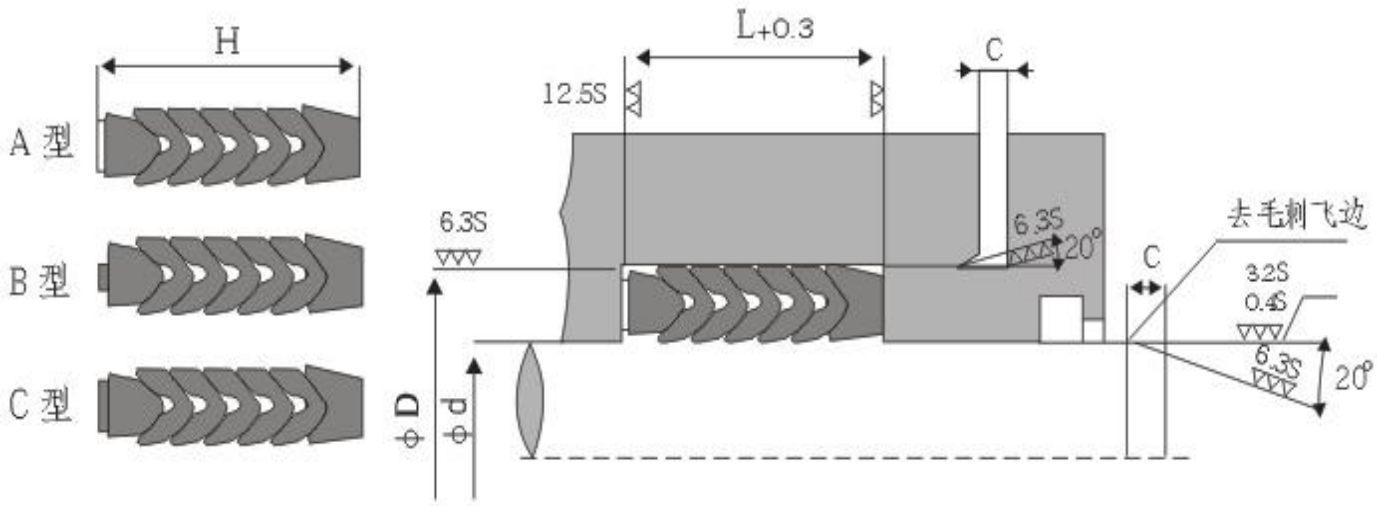
Part No.	SIZE		
	d	D	SL
IDU-28	28	34	8
IDU-28	28	36	8
IDU-28	28	36	10
IDU-30	30	38	8
IDU-30	30	38	10
IDU-32	32	40	10
IDU-35	35	43	10
IDU-36	36	44	10
IDU-40	40	48	10
IDU-42	42	50	7
IDU-45	45	53	10
IDU-50	50	58	10

Part No.	SIZE		
	d	D	SL
IDU-55	55	63	10
IDU-55	55	67	14
IDU-56	56	64	10
IDU-56	56	68	10
IDU-60	60	72	14
IDU-63	63	75	14
IDU-63.5	63.5	75.8	14
IDU-65	65	77	14
IDU-70	70	82	14
IDU-74	74	82	9.5
IDU-75	75	87	14
IDU-76	76	88	14
IDU-80	80	92	14
IDU-85	85	97	14
IDU-88	88	100	14
IDU-90	90	102	14
IDU-95	95	107	14
IDU-100	100	112	14
IDU-105	105	117	14
IDU-105	105	121	18
IDU-110	110	122	14
IDU-110	110	126	18
IDU-115	115	127	14
IDU-115	115	131	18
IDU-120	120	132	14
IDU-120	120	136	18
IDU-125	125	137	14
IDU-125	125	141	18
IDU-130	130	142	14
IDU-130	130	146	18
IDU-135	135	147	14
IDU-135	135	151	18
IDU-140	140	152	14
IDU-140	140	156	18
IDU-145	145	157	14
IDU-145	145	161	18
IDU-150	150	162	14
IDU-150	150	166	18
IDU-155	155	171	18
IDU-160	160	172	14
IDU-160	160	176	14
IDU-160	160	176	18
IDU-170	170	186	18
IDU-180	180	196	18
IDU-190	190	206	18
IDU-195	195	211	18
IDU-200	200	216	18
IDU-210	210	226	18
IDU-220	220	236	18
IDU-230	230	246	18
IDU-235	235	251	18
IDU-240	240	256	18
IDU-250	250	266	18
IDU-260	260	276	18
IDU-270	270	286	18
IDU-275	275	291	18
IDU-280	280	296	18
IDU-290	290	306	18

Part No.	SIZE		
	d	D	SL
IDU-300	300	316	18
IDU-320	320	344	24
IDU-340	340	364	24
IDU-350	350	374	24
IDU-360	360	384	24
IDU-380	380	404	24
IDU-400	400	424	24
IDU-420*	420	444	24
IDU-450*	450	474	24
IDU-480*	480	504	24
IDU-500*	500	524	24
IDU-520*	520	544	24
IDU-530*	530	554	24
IDU-560*	560	584	24
IDU-580*	580	604	24
IDU-600*	600	624	24
IDU-630*	630	654	24
IDU-650*	650	674	24
IDU-730*	730	754	24



SEAL INFORMATION	
Material	NBR/FKM/POM/Cotton Fabric
Temperature range	-30~230℃
Max pressure	≤ 40 MPa
Max speed	≤ 0.5 m/s
Application	Rod



Part No.	SIZE		
	d	D	H
VES	10	18	14.5
VES	10	20	18.5
VES	10	22	22.5
VES	10	24	25
VES	12	20	14.5
VES	12	22	18.5
VES	12	24	22.5
VES	14	22	14.5
VES	14	24	18.5
VES	15	25	18.5
VES	15	28	25
VES	15.48	25.88	23.81

Part No.	SIZE		
	d	D	H
VES	15.88	25.4	18.5
VES	16	25	16.5
VES	16	26	18.5
VES	16	28	22.5
VES	18	28	18.5
VES	18	30	22.5
VES	20	28	14.5
VES	20	30	18.5
VES	20	32	22.5
VES	20	35	30
VES	22	30	14.5
VES	22	32	18.5

Part No.	SIZE		
	d	D	H
VES	22	34	22.5
VES	22	35	25
VES	22	38	31
VES	22.23	31.75	18.5
VES	23	35	22.5
VES	24	36	22.5
VES	25	33	14.5
VES	25	35	18.5
VES	25	37	22.5
VES	25	40	30
VES	25	45	37
VES	25.4	38.1	22.5

Part No.	SIZE		
	d	D	H
VES	26	34	14.5
VES	28	40	22.5
VES	28	43	30
VES	30	42	22.5
VES	30	45	30
VES	30	47	32
VES	28	38	18.5
VES	30	50	37
VES	31.75	56.75	26.7/4
VES	32	42	18.5
VES	32	44	22.5
VES	32	45	25
VES	32	47	30
VES	32	50	/
VES	32	52	37
VES	35	47	22.5
VES	35	48	/
VES	35	50	30
VES	35	52	32
VES	35	55	37
VES	36	46	18.5
VES	36	48	22.5
VES	36	51	30
VES	36	64	60
VES	38.1	63.5	34/5
VES	38.5	56.5	/
VES	40	50	18.5
VES	40	52	22.5
VES	40	55	30
VES	40	56	31
VES	40	60	40
VES	40	65	46
VES	40	70	60
VES	41	56	30
VES	42	54	22.5
VES	44.45	63.5	40
VES	44.45	66.65	/
VES	42	57	30
VES	45	55	18.5
VES	45	60	30
VES	45	61	/
VES	45	63	/
VES	45	65	40
VES	48	63	30
VES	50	60	18.5
VES	50	63	25
VES	50	65	30
VES	50	66	31
VES	50	70	40
VES	50	75	46
VES	50.8	63.5	22.5
VES	50.8	69.85	40
VES	55	70	30
VES	55	75	40
VES	55	80	46
VES	55.5	70.5	22.5
VES	56	71	30
VES	56	76	40

Part No.	SIZE		
	d	D	H
VES	57.15	76.2	40
VES	60	75	30
VES	60	76	31
VES	60	80	40
VES	60	85	46
VES	63	78	30
VES	63	63	40
VES	63.5	82.55	40
VES	64	60	/
VES	65	77	/
VES	65	80	30
VES	65	85	40
VES	65	90	46
VES	69.85	88.9	40
VES	70	85	30
VES	70	90	40
VES	70	95	46
VES	71	91	70
VES	75	90	30
VES	75	95	40
VES	75	100	46
VES	76.2	95.25	/
VES	60	94	/
VES	80	95	30
VES	80	100	40
VES	80	105	46
VES	80	110	60
VES	82.55	101.6	37
VES	85	100	30
VES	85	105	40
VES	85	110	46
VES	85	115	60
VES	88.9	114.3	45
VES	90	105	30
VES	90	110	40
VES	90	115	46
VES	90	120	60
VES	95	110	30
VES	95	115	40
VES	95	120	46
VES	100	115	30
VES	100	120	40
VES	100	125	40
VES	100	130	60
VES	101.6	127	45
VES	105	125	40
VES	105	130	46
VES	105	135	60
VES	106	126	/
VES	107.95	127	40
VES	108	126	/
VES	110	125	30
VES	110	130	40
VES	110	135	46
VES	110	140	60
VES	112	132	40
VES	115	130	30
VES	115	135	40

Part No.	SIZE		
	d	D	H
VES	115	140	46
VES	120	140	40
VES	120	145	46
VES	120	150	60
VES	125	140	30
VES	125	145	40
VES	125	150	46
VES	125	155	60
VES	127	152.4	45
VES	130	145	30
VES	130	150	40
VES	130	155	46
VES	130	160	60
VES	132.8	173	/
VES	135	160	46
VES	135	165	60
VES	140	155	30
VES	140	160	40
VES	140	165	46
VES	140	170	60
VES	145	170	46
VES	145	175	60
VES	150	170	40
VES	150	175	46
VES	150	180	60
VES	152	172	40
VES	152.4	177.8	45
VES	155	175	40
VES	155	180	46
VES	160	180	40
VES	160	185	46
VES	160	190	60
VES	170	190	40
VES	170	200	60
VES	175	200	46
VES	180	200	40
VES	180	205	46
VES	180	208	/
VES	180	210	60
VES	187.3	200	/
VES	190	215	46
VES	190	220	60
VES	195	220	46
VES	200	220	40
VES	200	225	46
VES	200	230	60
VES	200	250	100
VES	205	235	60
VES	210	230	40
VES	210	240	60
VES	213	237	46
VES	215	240	46
VES	220	240	40
VES	220	245	/
VES	220	250	60
VES	225	250	46
VES	225	255	60
VES	230	260	60

Part No.	SIZE		
	d	D	H
VES	235	260	46
VES	236	261	/
VES	240	265	46
VES	240	270	60
VES	245	270	/
VES	245	275	60
VES	248	280	60
VES	250	270	40
VES	250	275	46
VES	250	280	60
VES	260	290	60
VES	260	292	60
VES	260	300	80
VES	264	290	52
VES	265	297	/
VES	270	300	60
VES	280	310	60
VES	280	320	80
VES	280	330	/
VES	290	320	60
VES	300	330	60
VES	300	340	80
VES	305	335	/
VES	305	345	/
VES	310	340	60
VES	317	360	80
VES	320	350	60
VES	320	360	80
VES	330	360	52
VES	335	367	58
VES	340	370	60
VES	340	380	80
VES	350	380	60
VES	350	390	80
VES	355	390	58
VES	355	395	80
VES	360	390	60
VES	360	392	60
VES	360	400	80
VES	369	399	60
VES	370	400	60
VES	370	410	80
VES	375	407	60
VES	375	415	60
VES	380	406.4	45
VES	380	410	60
VES	380	420	80
VES	390	420	52
VES	390	430	80
VES	400	425	46
VES	400	430	60
VES	400	440	80
VES	410	440	60
VES	410	445	60
VES	410	450	80
VES	415	455	80
VES	420	450	60
VES	420	460	80

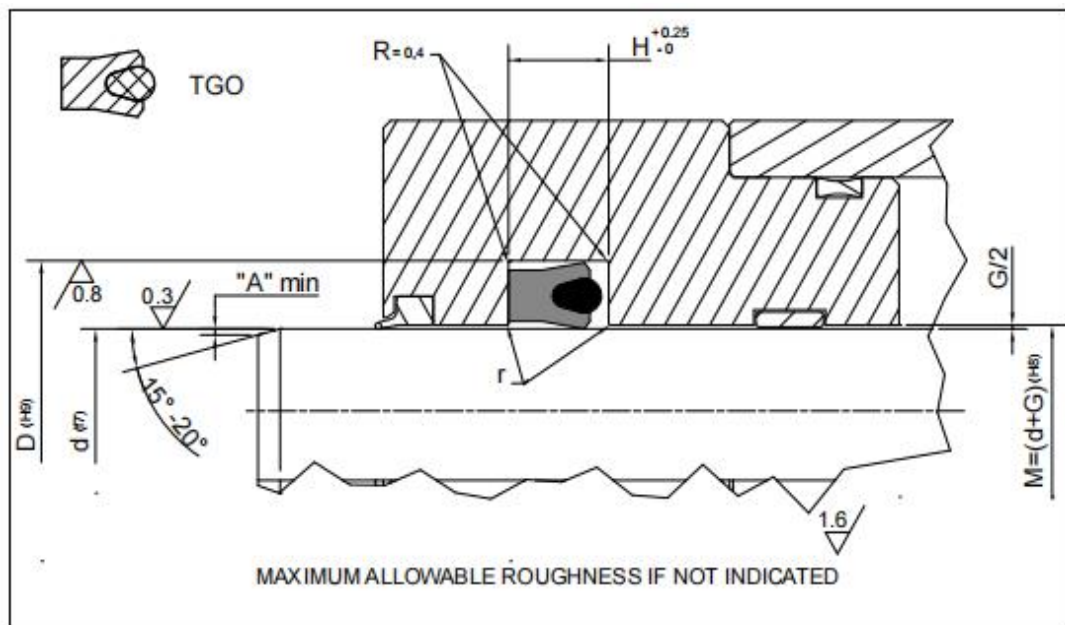
Part No.	SIZE		
	d	D	H
VES	425	465	80
VES	430	460	60
VES	430	470	80
VES	440	470	60
VES	440	480	80
VES	450	480	60
VES	450	490	80
VES	450	510	100
VES	456	496	80
VES	460	490	60
VES	460	500	80
VES	470	500	60
VES	470	510	80
VES	470	520	100
VES	475	505	60
VES	475	515	80
VES	480	510	60
VES	480	520	80
VES	490	520	60
VES	490	530	80
VES	500	530	60
VES	500	532	/
VES	500	540	80
VES	500	550	100
VES	510	550	00
VES	510	560	100
VES	520	550	60
VES	520	560	80
VES	520	570	100
VES	525	565	80
VES	530	570	80
VES	530	580	100
VES	535	575	80
VES	540	580	80
VES	545	585	80
VES	550	590	80
VES	550	600	100
VES	555	595	80
VES	560	600	80
VES	560	610	100
VES	570	610	80
VES	575	615	/
VES	580	620	80
VES	580	630	100
VES	590	630	80
VES	600	630	60
VES	600	640	80
VES	600	650	100
VES	610	650	80
VES	620	650	60
VES	620	660	80
VES	620	670	100
VES	630	670	80
VES	630	680	100
VES	640	680	80
VES	640	690	100
VES	650	690	80
VES	650	700	100

Part No.	SIZE		
	d	D	H
VES	660	700	80
VES	660	710	100
VES	660	720	100
VES	670	710	80
VES	670	720	100
VES	675	725	100
VES	680	710	60
VES	680	720	80
VES	680	730	100
VES	685	725	80
VES	690	730	80
VES	695	735	80
VES	695	755	50/5
VES	700	730	75
VES	700	740	80
VES	700	750	100
VES	710	750	80
VES	710	760	100
VES	720	760	80
VES	720	770	100
VES	730	780	100
VES	740	780	80
VES	740	790	100
VES	750	790	80
VES	750	800	100
VES	760	800	80
VES	760	810	100
VES	770	820	100
VES	775	825	100
VES	780	820	80
VES	780	830	100
VES	790	840	100
VES	800	840	80
VES	800	850	100
VES	810	850	80
VES	820	860	80
VES	820	870	100
VES	825	875	100
VES	830	870	80
VES	830	880	100
VES	840	880	80
VES	840	890	100
VES	850	890	80
VES	850	900	100
VES	860	900	80
VES	860	910	100
VES	870	920	100
VES	875	925	100
VES	880	930	100
VES	890	940	
VES	900	940	80
VES	900	950	100
VES	925	975	100
VES	930	980	100
VES	950	990	80
VES	950	1000	100
VES	960	1010	100
VES	975	1015	80

Part No.	SIZE		
	d	D	H
VES	980	1020	80
VES	1000	1040	80
VES	1000	1050	100
VES	1020	1060	80
VES	1020	1070	100
VES	1030	1080	100
VES	1050	1100	100
VES	1060	1110	100
VES	1100	1150	100
VES	1130	1180	
VES	1150	1200	100
VES	1160	1200	80
VES	1180	1230	100
VES	1200	1250	100
VES	1220	1270	100
VES	1250	1300	100
VES	1280	1330	100
VES	1300	1350	100
VES	1340	1400	100



SEAL INFORMATION	
Material	NBR / Cotton Fabric
Temperature range	-30~100°C
Max pressure	≤ 25 MPa
Max speed	≤ 0.5 m/s
Application	Rod



Part No.	SIZE		
	d	D	H
TGO-10	10	18	6.4
TGO-12	12	19	6.4
TGO-12A	12	20	6.4
TGO-14	14	22	6.4
TGO-15	15	23	6.4
TGO-16	16	24	6.4
TGO-18	18	26	6.4
TGO-20	20	28	6.4
TGO-22	22	30	6.4
TGO-25	25	33	6.4
TGO-25A	25	40	10
TGO-28	28	36	6.4

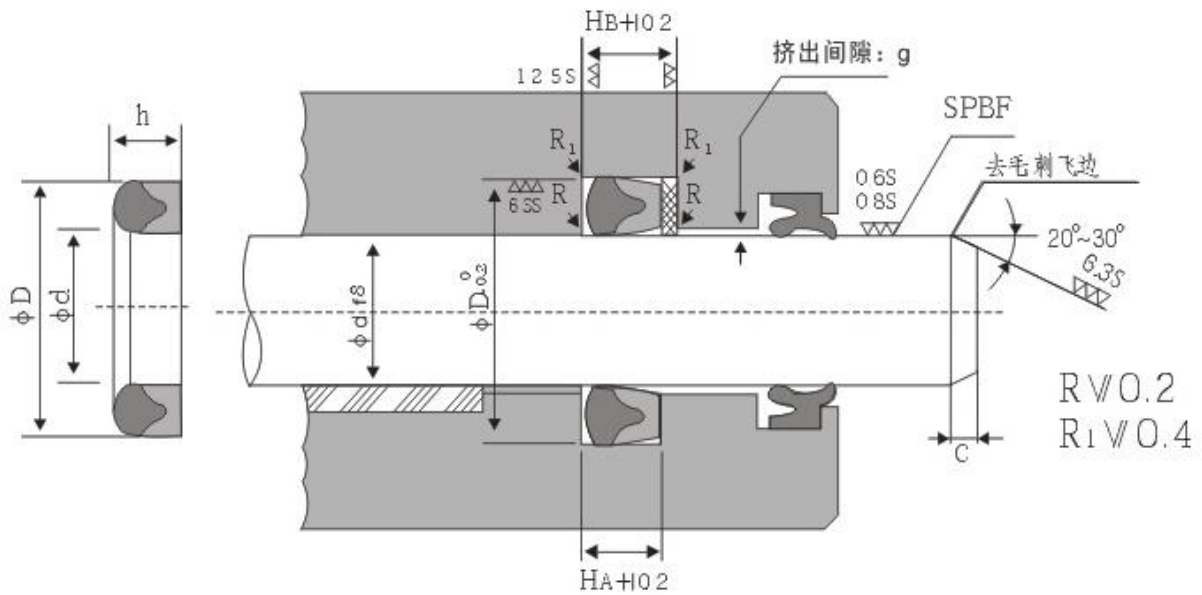
Part No.	SIZE		
	d	D	H
TGO-30	30	38	6.4
TGO-30A	30	45	11
TGO-32	32	40	6.4
TGO-35	35	43	6.4
TGO-35.56	35.56	55.12	10
TGO-36	36	44	6.4
TGO-40	40	48	6.4
TGO-42	42	50	6.4
TGO-45	45	55	8
TGO-45A	45	53	6.4
TGO-50	50	60	8
TGO-53	53	63	8

Part No.	SIZE		
	d	D	H
TGO-55	55	65	8
TGO-56	56	66	8
TGO-60	60	70	8
TGO-63	63	75	9.6
TGO-65	65	77	9.6
TGO-68	68	80	9.6
TGO-70	70	82	9.6
TGO-75	75	87	9.6
TGO-78	78	90	9.6
TGO-80	80	92	9.6
TGO-85	85	97	9.6
TGO-88	88	100	9.6

Part No.	SIZE		
	d	D	H
TGO-90	90	100	9.6
TGO-90A	90	102	9.6
TGO-95	95	110	12
TGO-100	100	115	12
TGO-110	110	125	12
TGO-115	115	130	12
TGO-125	125	140	12
TGO-130	130	150	16
TGO-140	140	160	16
TGO-150	150	170	16
TGO-160	160	180	16
TGO-180	180	200	16
TGO-185	185	205	15
TGO-200	200	220	16
TGO-220	220	250	24
TGO-220	220	250	22
TGO-240	240	260	16
TGO-250	250	280	24
TGO-254	254	274	15
TGO-290	290	320	24
TGO-300	300	330	18
TGO-300A	300	330	19.5
TGO-360	360	400	30
TGO-420	420	460	30



SEAL INFORMATION	
Material	NBR / Cotton Fabric
Temperature range	-30~100°C
Max pressure	≤ 40 MPa
Max speed	≤ 0.5 m/s
Application	Rod



Part No.	SIZE		
	d	D	h
B18-22	22	32	7.5
B18-25	25	40	11
B18-28	28	43	11
B18-30	30	45	11
B18-30A	30	50	14
B18-32	32	47	11
B18-35	35	50	11
B18-36A	36	51	11
B18-36	36	53	10
B18-40	40	55	11
B18-40A	40	60	14
B18-42	42	57	19

Part No.	SIZE		
	d	D	h
B18-45	45	60	11
B18-45A	45	65	11
B18-45B	45	65	14
B18-50	50	65	11
B18-50A	50	70	14
B18-50B	50	60	7.5
B18-55	55	75	14
B18-55A	55	65	8
B18-60	60	72	9.5
B18-60A	60	80	14
B18-63	63	83	14
B18-65	65	85	14

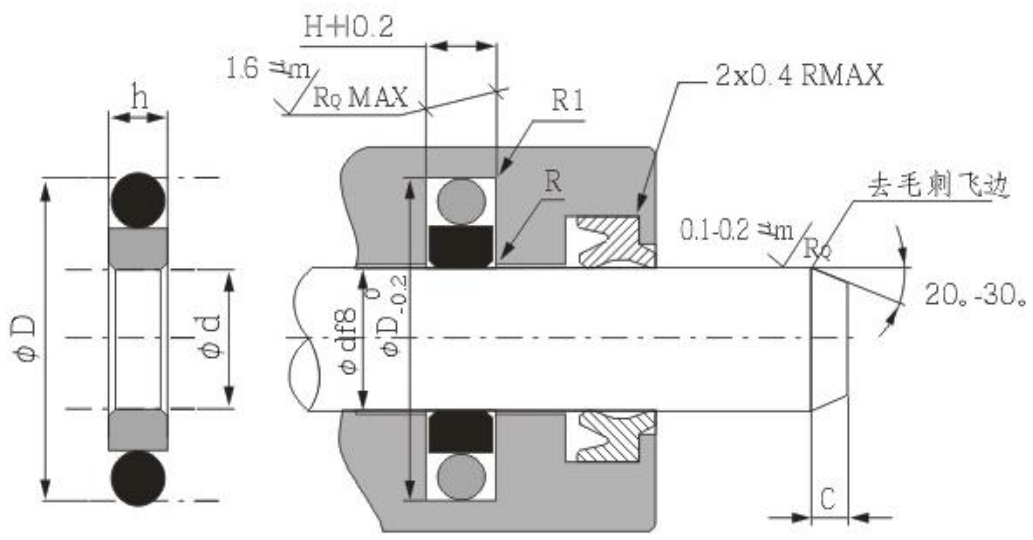
Part No.	SIZE		
	d	D	h
B18-70	70	85	12
B18-70A	70	90	14
B18-75	75	90	12
B18-75A	75	95	14
B18-80	80	95	12
B18-80A	80	100	14
B18-85	85	100	12
B18-85A	85	105	12
B18-85B	85	105	14
B18-90	90	110	10
B18-90A	90	110	14
B18-90B	90	110	15

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>h</i>
B18-100	100	115	12
B18-100A	100	120	10
B18-100B	100	120	14
B18-100C	100	125	19
B18-104	104	130	19
B18-110	110	125	11
B18-110A	110	130	14
B18-110B	110	135	19
B18-115	115	135	14
B18-120	120	135	12
B18-120A	120	140	12
B18-120B	120	140	14
B18-120C	120	150	24
B18-120D	120	145	19
B18-125	125	150	19
B18-125A	125	145	14
B18-130A	130	145	11.3
B18-130	130	155	19
B18-135	135	155	19
B18-140A	140	160	14
B18-140	140	165	19
B18-150	150	170	14
B18-150A	150	175	19
B18-150B	150	180	24
B18-160	160	180	15
B18-160A	160	190	24
B18-170	170	200	24
B18-175	175	200	19
B18-180A	180	200	15
B18-180	180	210	24
B18-190	190	220	24
B18-195	195	215	20
B18-198	198	218	20
B18-200	200	230	24
B18-220	220	250	24
B18-250	250	280	24
B18-280	280	310	24
B18-300	300	330	24
B18-320	320	360	30
B18-360	360	400	30
B18-380	380	420	30
B18-420	420	460	30



GSI

SEAL INFORMATION	
Material	NBR / PTFE
Temperature range	-30~100℃
Max pressure	≤ 60 MPa
Max speed	≤ 15 m/s
Application	Rod



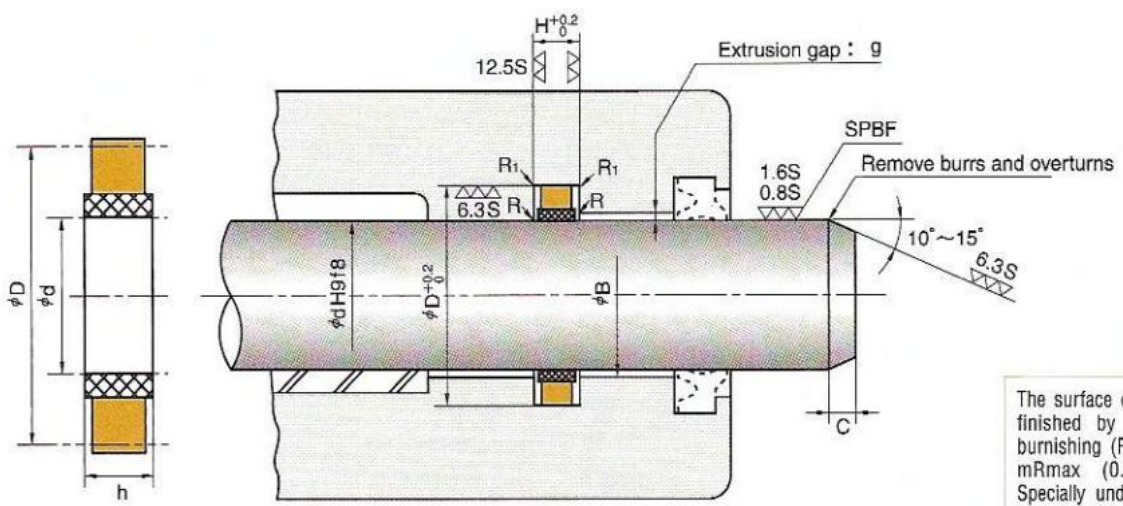
Part No.	SIZE		
	d	D	H
GSI	3	7.9	2.2
GSI	4	8.9	2.2
GSI	5	9.9	2.2
GSI	6	10.9	2.2
GSI	7	11.9	2.2
GSI	8	15.3	3.2
GSI	10	17.3	3.2
GSI	12	19.3	3.2
GSI	14	21.3	3.2
GSI	15	22.3	3.2
GSI	18	25.3	3.2
GSI	19	29.7	4.2

Part No.	SIZE		
	d	D	H
GSI	20	30.7	4.2
GSI	22	32.7	4.2
GSI	25	35.7	4.2
GSI	25.4	36.1	4.2
GSI	26	36.7	4.2
GSI	28	38.7	4.2
GSI	30	40.7	4.2
GSI	32	42.7	4.2
GSI	35	45.7	4.2
GSI	36	46.7	4.2
GSI	38	53.1	6.3
GSI	40	55.1	6.3

Part No.	SIZE		
	d	D	H
GSI	42	57.1	6.3
GSI	45	60.1	6.3
GSI	48	63.1	6.3
GSI	50	65.1	6.3
GSI	50.8	65.9	6.3
GSI	55	70.1	6.3
GSI	60	75.1	6.3
GSI	63	78.1	6.3
GSI	65	80.1	6.3
GSI	70	85.1	6.3
GSI	75	90.1	6.3
GSI	80	95.1	6.3

Part No.	SIZE		
	d	D	H
GSI	85	100.1	6.3
GSI	90	105.1	6.3
GSI	95	110.1	6.3
GSI	100	115.1	6.3
GSI	101.6	116.7	6.3
GSI	105	120.1	6.3
GSI	110	125.1	6.3
GSI	112	127.1	6.3
GSI	115	130.1	6.3
GSI	118	133.1	6.3
GSI	120	135.1	6.3
GSI	125	140.1	6.3
GSI	130	145.1	6.3
GSI	135	150.1	6.3
GSI	140	155.1	6.3
GSI	145	160.1	6.3
GSI	150	165.1	6.3
GSI	160	175.1	6.3
GSI	165	180.1	6.3
GSI	170	185.1	6.3
GSI	175	190.1	6.3
GSI	180	195.1	6.3
GSI	190	205.1	6.3
GSI	200	220.5	8.1
GSI	220	240.5	8.1
GSI	230	250.5	8.1
GSI	240	260.5	8.1
GSI	250	270.5	8.1
GSI	260	284	8.1
GSI	270	294	8.1
GSI	275	299	8.1
GSI	280	304	8.1
GSI	290	314	8.1
GSI	300	324	8.1
GSI	310	334	8.1
GSI	320	344	8.1
GSI	330	354	8.1
GSI	340	364	8.1
GSI	350	374	8.1
GSI	360	384	8.1
GSI	370	394	8.1
GSI	380	404	8.1
GSI	390	414	8.1
GSI	400	424	8.1
GSI	410	434	8.1
GSI	420	444	8.1
GSI	430	454	8.1
GSI	440	464	8.1
GSI	450	474	8.1
GSI	460	484	8.1
GSI	470	494	8.1
GSI	480	504	8.1
GSI	490	514	8.1
GSI	500	524	8.1
GSI	510	534	8.1
GSI	520	544	8.1
GSI	530	554	8.1
GSI	540	564	8.1

Part No.	SIZE		
	d	D	H
GSI	550	574	8.1
GSI	580	604	8.1
GSI	590	614	8.1
GSI	600	624	8.1
GSI	610	634	8.1
GSI	620	644	8.1
GSI	630	654	8.1
GSI	640	664	8.1
GSI	650	677.3	9.5
GSI	660	687.3	9.5
GSI	670	697.3	9.5
GSI	680	707.3	9.5
GSI	688	715.3	9.5
GSI	690	717.3	9.5
GSI	710	737.3	9.5
GSI	740	767.3	9.5
GSI	770	797.3	9.5
GSI	800	827.3	9.5
GSI	850	877.3	9.5
GSI	870	897.3	9.5
GSI	900	927.3	9.5
GSI	910	937.3	9.5
GSI	950	977.3	9.5
GSI	960	987.3	9.5
GSI	1000	1027	9.5
GSI	1000	1038	13.8
GSI	1050	1077	9.5
GSI	1050	1088	13.8
GSI	1100	1138	13.8
GSI	1160	1187	9.5
GSI	1200	1227	9.5
GSI	1200	1238	13.8
GSI	1300	1327	9.5
GSI	1300	1338	13.8
GSI	1500	1527	9.5
GSI	1500	1538	13.8
GSI	1600	1638	13.8
GSI	2000	2038	13.8

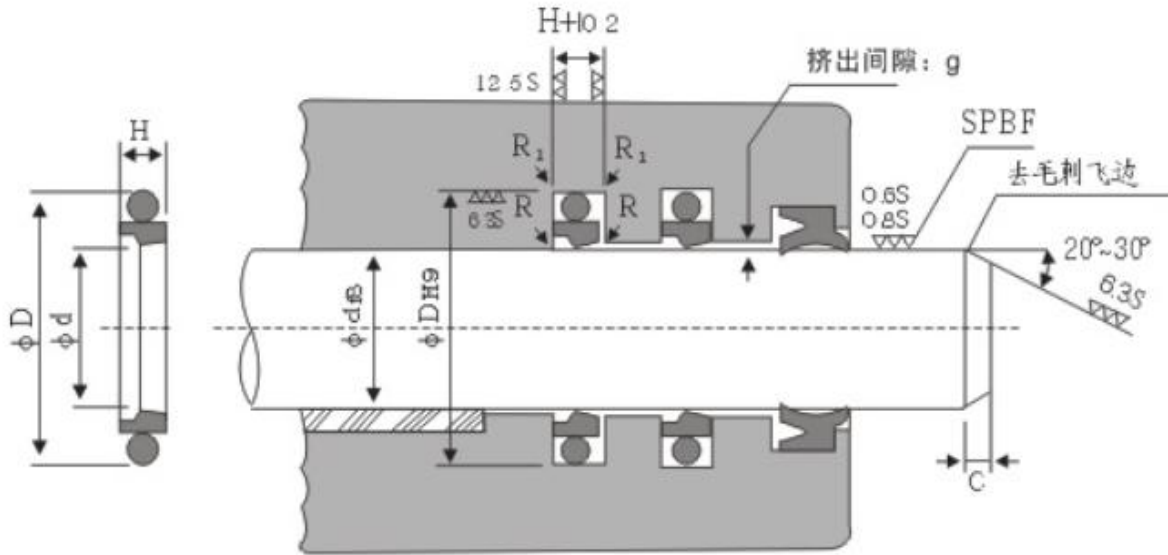


Part No.	SIZE		
	d	D	h
SPN	70	80	4.8
SPN	80	90	4.8
SPN	90	100	4.8
SPN	100	110	4.8
SPN	80	90	6
SPN	90	100	6
SPN	70	80	4
SPN	90	100	4
SPN	100	110	4
SPN	80	96	6
SPN	90	106	6
SPN	50	60	4.6

Part No.	SIZE		
	d	D	h
SPN	55	62	4.6
SPN	60	70	4.6
SPN	90	100	4.6
SPN	95	105	4.6
SPN	100	110	4.6
SPN	120	130	4.6
SPN	70	80	4
SPN	80	90	4



SEAL INFORMATION	
Material	NBR / PTFE
Temperature range	-30~100℃
Max pressure	≤ 40 MPa
Max speed	≤ 4 m/s
Application	Rod



Part No.	SIZE		
	d	D	H
GSJ	30	45.1	6.3
GSJ	31.5	38.8	3.2
GSJ	31.5	42.2	4.2
GSJ	32	42.7	4.2
GSJ	32	39.3	3.2
GSJ	35	45.7	4.2
GSJ	35	42.3	3.2
GSJ	35	50.1	6.3
GSJ	36	46.7	4.2
GSJ	36	43.3	3.2
GSJ	38	53.1	6.3
GSJ	38	45.3	3.2

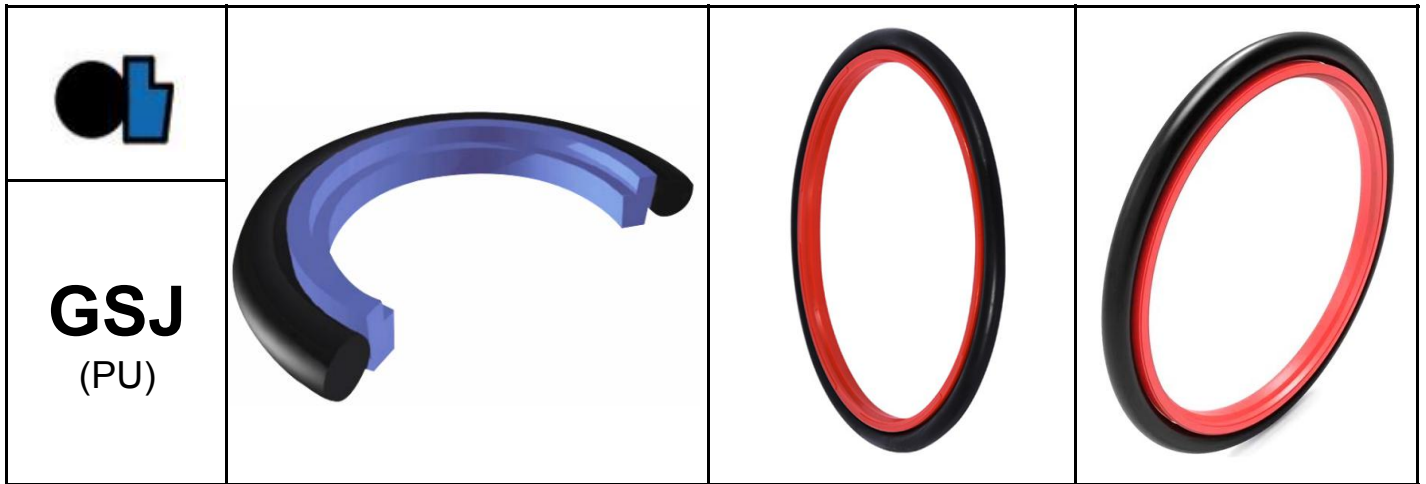
Part No.	SIZE		
	d	D	H
GSJ	38	48.7	4.2
GSJ	39	46.3	3.2
GSJ	39	49.7	4.2
GSJ	40	55.1	6.3
GSJ	40	47.3	3.2
GSJ	40	50.7	4.2
GSJ	42	57.1	6.3
GSJ	42	52.7	4.2
GSJ	43.5	54.2	4.2
GSJ	45	60.1	6.3
GSJ	45	52.3	3.2
GSJ	48	63.1	6.3

Part No.	SIZE		
	d	D	H
GSJ	48	58.7	4.2
GSJ	50	65.1	6.3
GSJ	50	60.7	4.2
GSJ	52	67.1	6.3
GSJ	52	62.7	4.2
GSJ	55	70.1	6.3
GSJ	55	65.7	4.2
GSJ	56	71.1	6.3
GSJ	56	66.7	4.2
GSJ	60	75.1	6.3
GSJ	60	70.7	4.2
GSJ	63	78.1	6.3

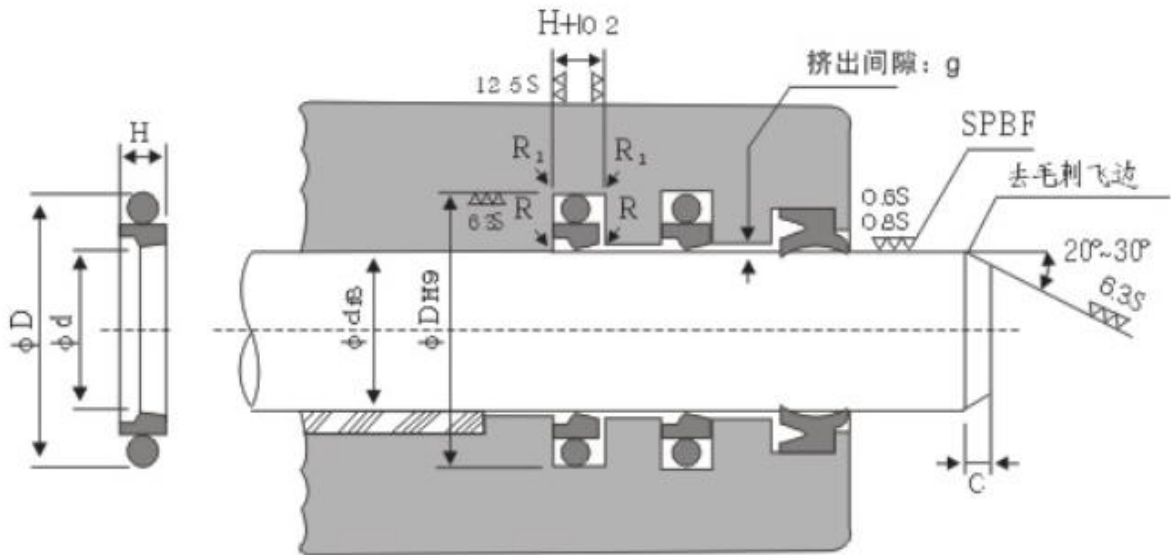
Part No.	SIZE		
	d	D	H
GSJ	63	73.7	4.2
GSJ	65	80.1	6.3
GSJ	65	75.7	4.2
GSJ	70	85.1	6.3
GSJ	70	80.7	4.2
GSJ	75	90.1	6.3
GSJ	75	85.7	4.2
GSJ	80	95.1	6.3
GSJ	80	90.7	4.2
GSJ	80	100.5	8.1
GSJ	82	97.1	6.3
GSJ	85	100-1	6.3
GSJ	85	95.7	4.2
GSJ	85	105.5	8.1
GSJ	90	105.1	6.3
GSJ	90	100.7	4.2
GSJ	90	110.5	8.1
GSJ	95	110.1	6.3
GSJ	95	105.7	4.2
GSJ	95	115.5	8.1
GSJ	100	115.1	6.3
GSJ	100	110.7	4.2
GSJ	100	120.5	8.1
GSJ	105	120.1	6.3
GSJ	105	115.7	4.2
GSJ	110	125.1	6.3
GSJ	110	120.7	4.2
GSJ	110	130.5	8.1
GSJ	115	130.1	6.3
GSJ	115	125.7	4.2
GSJ	120	135.1	6.3
GSJ	120	130.7	4.2
GSJ	120	140.5	0.1
GSJ	125	140.1	6.3
GSJ	125	135.7	4.2
GSJ	125	145.5	8.1
GSJ	130	145.1	6.3
GSJ	135	150.1	6.3
GSJ	135	155.5	8.1
GSJ	140	155.1	6.3
GSJ	140	160.5	8.1
GSJ	145	160.1	6.3
GSJ	150	165.1	6.3
GSJ	150	160.7	4.2
GSJ	155	170.1	6.3
GSJ	155	175.5	8.1
GSJ	160	175.1	6.3
GSJ	160	180.5	8.1
GSJ	165	180.1	6.3
GSJ	170	185.1	6.3
GSJ	170	190.5	8.1
GSJ	175	190.1	6.3
GSJ	180	195.1	6.3
GSJ	180	200.5	8.1
GSJ	185	200.1	6.3
GSJ	190	205.1	6.3
GSJ	190	210.5	8.1
GSJ	200	220.5	8.1

Part No.	SIZE		
	d	D	H
GSJ	200	215.1	6.3
GSJ	210	230.5	8.1
GSJ	210	225.1	6.3
GSJ	215	235.5	8.1
GSJ	220	240.5	8.1
GSJ	220	235.1	6.3
GSJ	225	245.5	8.1
GSJ	230	250.5	8.1
GSJ	235	255.5	8.1
GSJ	240	260.5	8.1
GSJ	245	265.5	8.1
GSJ	250	270.5	8.1
GSJ	250	265.1	6.3
GSJ	256	280	8.1
GSJ	260	284	8.1
GSJ	265	285.5	8.1
GSJ	270	294	8.1
GSJ	280	304	8.1
GSJ	290	314	8.1
GSJ	300	324	0.1
GSJ	310	334	0.1
GSJ	315	335.5	e.1
GSJ	320	344	8.1
GSJ	330	354	8.1
GSJ	340	364	8.1
GSJ	350	374	8.1
GSJ	360	384	8.1
GSJ	370	394	8.1
GSJ	380	404	8.1
GSJ	390	414	8.1
GSJ	400	424	8.1
GSJ	410	434	8.1
GSJ	420	444	8.1
GSJ	430	454	8.1
GSJ	440	464	8.1
GSJ	450	474	8.1
GSJ	460	484	8.1
GSJ	470	494	8.1
GSJ	480	504	8.1
GSJ	490	514	8.1
GSJ	500	524	8.1
GSJ	510	534	8.1
GSJ	520	544	8.1
GSJ	530	554	8.1
GSJ	540	564	8.1
GSJ	550	574	8.1
GSJ	560	584	8.1
GSJ	580	604	8.1
GSJ	600	624	8.1
GSJ	610	634	8.1
GSJ	620	644	8.1
GSJ	630	654	0.1
GSJ	640	664	8.1
GSJ	650	677.3	9.5
GSJ	650	674	8.1
GSJ	656	683.3	9.5
GSJ	660	687.3	9.5
GSJ	670	697.3	9.5

Part No.	SIZE		
	d	D	H
GSJ	660	707.3	9.5
GSJ	685	712.3	9.5
GSJ	690	717.3	9.5
GSJ	700	724	8.1
GSJ	700	727.3	9.5
GSJ	710	737.3	9.5
GSJ	720	747.3	9.5
GSJ	730	757.3	9.5
GSJ	740	767.3	9.5
GSJ	750	777.3	9.5
GSJ	760	787.3	9.5
GSJ	765	792.3	9.5
GSJ	770	797.3	9.5
GSJ	780	807.3	9.5
GSJ	790	817.3	9.5
GSJ	B00	827.3	9.5
GSJ	B10	837.3	9.5
GSJ	820	847.3	9.5
GSJ	830	857.3	9.5
GSJ	840	867.3	9.5
GSJ	850	877.3	9.5
GSJ	860	887.3	9.5
GSJ	870	897.3	9.5
GSJ	975	902.3	9.5
GSJ	880	907.3	9.5
GSJ	885	912.3	9.5
GSJ	890	917.3	9.5
GSJ	900	927.3	9.5
GSJ	910	937.3	9.5
GSJ	920	947.3	9.5
GSJ	930	957.3	9.5
GSJ	940	967.3	9.5
GSJ	950	977.3	9.5
GSJ	955	962.3	9.5
GSJ	970	997.3	9.5
GSJ	980	1007.3	9.5
GSJ	990	1017.3	9.5
GSJ	1000	1038	13.8
GSJ	1035	1073	13.8
GSJ	1040	1078	13.8
GSJ	1040	1067.3	9.5
GSJ	1050	1088	13.8
GSJ	1050	1077.3	9.5
GSJ	1100	1138	13.8
GSJ	1120	1158	13.8
GSJ	1120	1147.3	9.5
GSJ	1180	1218	13.8
GSJ	1200	1238	13.8
GSJ	1200	1227.3	9.5
GSJ	1330	1368	13.8
GSJ	1330	1357.3	9.5
GSJ	1500	1538	13.8
GSJ	1500	1527.3	9.5



SEAL INFORMATION	
Material	NBR / PU
Temperature range	-30~100°C
Max pressure	≤ 25 MPa
Max speed	≤ 0.5 m/s
Application	Rod



Part No.	SIZE		
	d	D	H
GSJ	30	45.1	6.3
GSJ	31.5	38.8	3.2
GSJ	31.5	42.2	4.2
GSJ	32	42.7	4.2
GSJ	32	39.3	3.2
GSJ	35	45.7	4.2
GSJ	35	42.3	3.2
GSJ	35	50.1	6.3
GSJ	36	46.7	4.2
GSJ	36	43.3	3.2
GSJ	38	53.1	6.3
GSJ	38	45.3	3.2

Part No.	SIZE		
	d	D	H
GSJ	38	48.7	4.2
GSJ	39	46.3	3.2
GSJ	39	49.7	4.2
GSJ	40	55.1	6.3
GSJ	40	47.3	3.2
GSJ	40	50.7	4.2
GSJ	42	57.1	6.3
GSJ	42	52.7	4.2
GSJ	43.5	54.2	4.2
GSJ	45	60.1	6.3
GSJ	45	52.3	3.2
GSJ	48	63.1	6.3

Part No.	SIZE		
	d	D	H
GSJ	48	58.7	4.2
GSJ	50	65.1	6.3
GSJ	50	60.7	4.2
GSJ	52	67.1	6.3
GSJ	52	62.7	4.2
GSJ	55	70.1	6.3
GSJ	55	65.7	4.2
GSJ	56	71.1	6.3
GSJ	56	66.7	4.2
GSJ	60	75.1	6.3
GSJ	60	70.7	4.2
GSJ	63	78.1	6.3

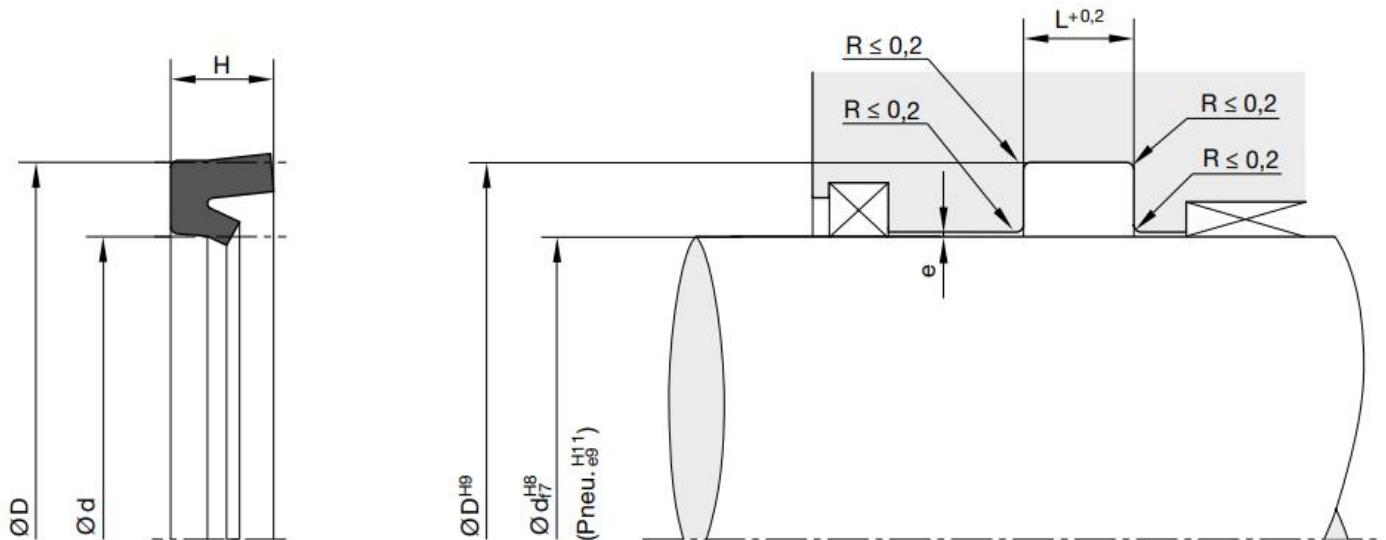
Part No.	SIZE		
	d	D	H
GSJ	63	73.7	4.2
GSJ	65	80.1	6.3
GSJ	65	75.7	4.2
GSJ	70	85.1	6.3
GSJ	70	80.7	4.2
GSJ	75	90.1	6.3
GSJ	75	85.7	4.2
GSJ	80	95.1	6.3
GSJ	80	90.7	4.2
GSJ	80	100.5	8.1
GSJ	82	97.1	6.3
GSJ	85	100-1	6.3
GSJ	85	95.7	4.2
GSJ	85	105.5	8.1
GSJ	90	105.1	6.3
GSJ	90	100.7	4.2
GSJ	90	110.5	8.1
GSJ	95	110.1	6.3
GSJ	95	105.7	4.2
GSJ	95	115.5	8.1
GSJ	100	115.1	6.3
GSJ	100	110.7	4.2
GSJ	100	120.5	8.1
GSJ	105	120.1	6.3
GSJ	105	115.7	4.2
GSJ	110	125.1	6.3
GSJ	110	120.7	4.2
GSJ	110	130.5	8.1
GSJ	115	130.1	6.3
GSJ	115	125.7	4.2
GSJ	120	135.1	6.3
GSJ	120	130.7	4.2
GSJ	120	140.5	0.1
GSJ	125	140.1	6.3
GSJ	125	135.7	4.2
GSJ	125	145.5	8.1
GSJ	130	145.1	6.3
GSJ	135	150.1	6.3
GSJ	135	155.5	8.1
GSJ	140	155.1	6.3
GSJ	140	160.5	8.1
GSJ	145	160.1	6.3
GSJ	150	165.1	6.3
GSJ	150	160.7	4.2
GSJ	155	170.1	6.3
GSJ	155	175.5	8.1
GSJ	160	175.1	6.3
GSJ	160	180.5	8.1
GSJ	165	180.1	6.3
GSJ	170	185.1	6.3
GSJ	170	190.5	8.1
GSJ	175	190.1	6.3
GSJ	180	195.1	6.3
GSJ	180	200.5	8.1
GSJ	185	200.1	6.3
GSJ	190	205.1	6.3
GSJ	190	210.5	8.1
GSJ	200	220.5	8.1

Part No.	SIZE		
	d	D	H
GSJ	200	215.1	6.3
GSJ	210	230.5	8.1
GSJ	210	225.1	6.3
GSJ	215	235.5	8.1
GSJ	220	240.5	8.1
GSJ	220	235.1	6.3
GSJ	225	245.5	8.1
GSJ	230	250.5	8.1
GSJ	235	255.5	8.1
GSJ	240	260.5	8.1
GSJ	245	265.5	8.1
GSJ	250	270.5	8.1
GSJ	250	265.1	6.3
GSJ	256	280	8.1
GSJ	260	284	8.1
GSJ	265	285.5	8.1
GSJ	270	294	8.1
GSJ	280	304	8.1
GSJ	290	314	8.1
GSJ	300	324	0.1
GSJ	310	334	0.1
GSJ	315	335.5	e.1
GSJ	320	344	8.1
GSJ	330	354	8.1
GSJ	340	364	8.1
GSJ	350	374	8.1
GSJ	360	384	8.1
GSJ	370	394	8.1
GSJ	380	404	8.1
GSJ	390	414	8.1
GSJ	400	424	8.1
GSJ	410	434	8.1
GSJ	420	444	8.1
GSJ	430	454	8.1
GSJ	440	464	8.1
GSJ	450	474	8.1
GSJ	460	484	8.1
GSJ	470	494	8.1
GSJ	480	504	8.1
GSJ	490	514	8.1
GSJ	500	524	8.1
GSJ	510	534	8.1
GSJ	520	544	8.1
GSJ	530	554	8.1
GSJ	540	564	8.1
GSJ	550	574	8.1
GSJ	560	584	8.1
GSJ	580	604	8.1
GSJ	600	624	8.1
GSJ	610	634	8.1
GSJ	620	644	8.1
GSJ	630	654	0.1
GSJ	640	664	8.1
GSJ	650	677.3	9.5
GSJ	650	674	8.1
GSJ	656	683.3	9.5
GSJ	660	687.3	9.5
GSJ	670	697.3	9.5

Part No.	SIZE		
	d	D	H
GSJ	660	707.3	9.5
GSJ	685	712.3	9.5
GSJ	690	717.3	9.5
GSJ	700	724	8.1
GSJ	700	727.3	9.5
GSJ	710	737.3	9.5
GSJ	720	747.3	9.5
GSJ	730	757.3	9.5
GSJ	740	767.3	9.5
GSJ	750	777.3	9.5
GSJ	760	787.3	9.5
GSJ	765	792.3	9.5
GSJ	770	797.3	9.5
GSJ	780	807.3	9.5
GSJ	790	817.3	9.5
GSJ	B00	827.3	9.5
GSJ	B10	837.3	9.5
GSJ	820	847.3	9.5
GSJ	830	857.3	9.5
GSJ	840	867.3	9.5
GSJ	850	877.3	9.5
GSJ	860	887.3	9.5
GSJ	870	897.3	9.5
GSJ	975	902.3	9.5
GSJ	880	907.3	9.5
GSJ	885	912.3	9.5
GSJ	890	917.3	9.5
GSJ	900	927.3	9.5
GSJ	910	937.3	9.5
GSJ	920	947.3	9.5
GSJ	930	957.3	9.5
GSJ	940	967.3	9.5
GSJ	950	977.3	9.5
GSJ	955	962.3	9.5
GSJ	970	997.3	9.5
GSJ	980	1007.3	9.5
GSJ	990	1017.3	9.5
GSJ	1000	1038	13.8
GSJ	1035	1073	13.8
GSJ	1040	1078	13.8
GSJ	1040	1067.3	9.5
GSJ	1050	1088	13.8
GSJ	1050	1077.3	9.5
GSJ	1100	1138	13.8
GSJ	1120	1158	13.8
GSJ	1120	1147.3	9.5
GSJ	1180	1218	13.8
GSJ	1200	1238	13.8
GSJ	1200	1227.3	9.5
GSJ	1330	1368	13.8
GSJ	1330	1357.3	9.5
GSJ	1500	1538	13.8
GSJ	1500	1527.3	9.5



SEAL INFORMATION	
Material	NBR / FKM
Temperature range	-30~230°C
Max pressure	≤ 16 MPa
Max speed	≤ 1.0 m/s
Application	Rod

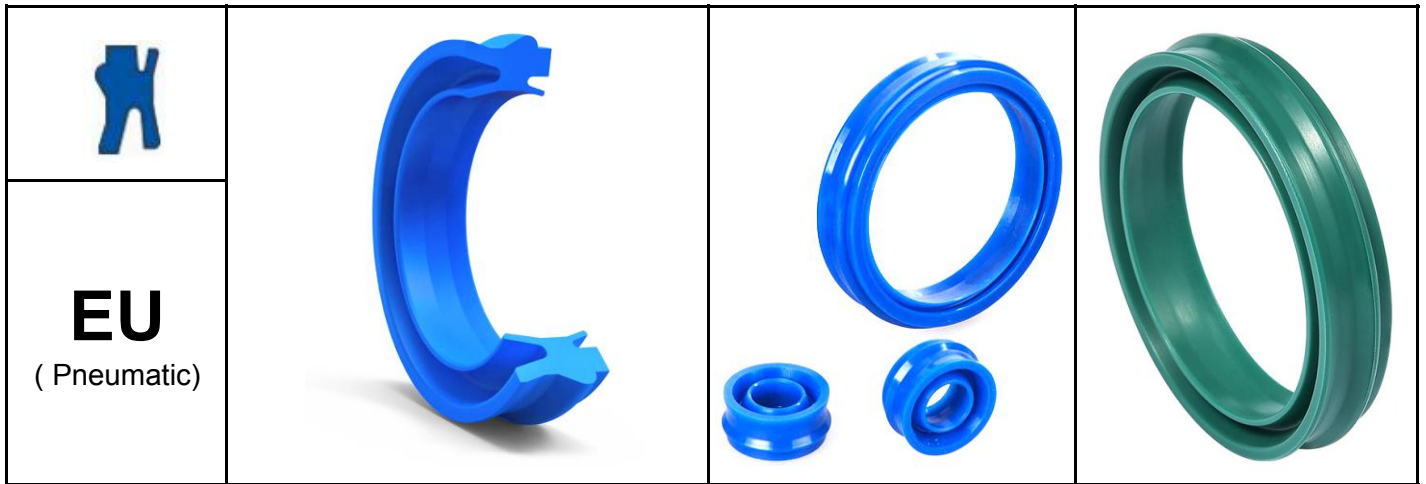


Part No.	SIZE		
	d	D	H
C1	6	10	3
C1	10	13.6	2.3
C1	10	15	3.5
C1	10	16	4.5
C1	10	16	6
C1	10	18	4
C1	10	18	5.5
C1	10	20	7
C1	10.4	15.2	3.5
C1	11	17	14
C1	11	18	4.5
C1	12	18	4

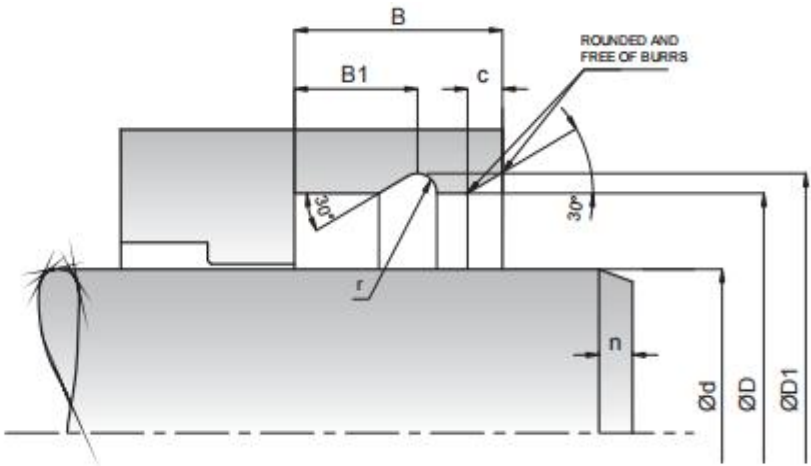
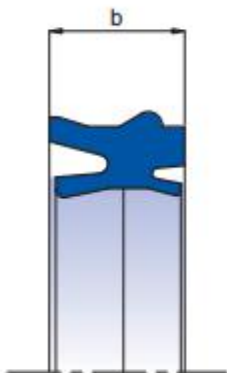
Part No.	SIZE		
	d	D	H
C1	12	18.5	4.5
C1	12	19	4.5
C1	12	20	5.5
C1	13	17.5	2.8
C1	14	19	3.5
C1	14	20	4.8
C1	14	22	5.5
C1	14	25	8
C1	14	22	5
C1	16	22.5	4.5
C1	16	23	5.5
C1	16	23.5	5.5

Part No.	SIZE		
	d	D	H
C1	16	24	5.5
C1	16	26	7
C1	16	27	7.5
C1	17	25	5.5
C1	18	25	4.5
C1	18	25	5.5
C1	18	26	5.5
C1	18	30	8.5
C1	19	25	5
C1	20	26	4.8
C1	20	28	5.5
C1	20	28	8

Part No.	SIZE		
	d	D	H
C1	20	30	7
C1	20	32	7
C1	22	29	5.5
C1	22	30	5.5
C1	22	32	7
C1	22	32	8
C1	22	34	8.5
C1	23	31	5.5
C1	24	32	5.5
C1	25	32	5.5
C1	25	33	8
C1	25	35	6
C1	25	35	7
C1	25	36	8
C1	25	37	8.5
C1	25	40	10
C1	26	36	7
C1	28	36	5.5
C1	28	38	7
C1	28	40	8.5
C1	30	38	5.5
C1	30	38	8
C1	30	40	7
C1	30	42	8
C1	30	42	8.5
C1	32	40	5.5
C1	32	42	7
C1	32	45	10
C1	33	43	7
C1	34	44	7
C1	35	43	8
C1	35	45	7
C1	36	46	7
C1	36	50	10
C1	37	47	7
C1	38	48	7

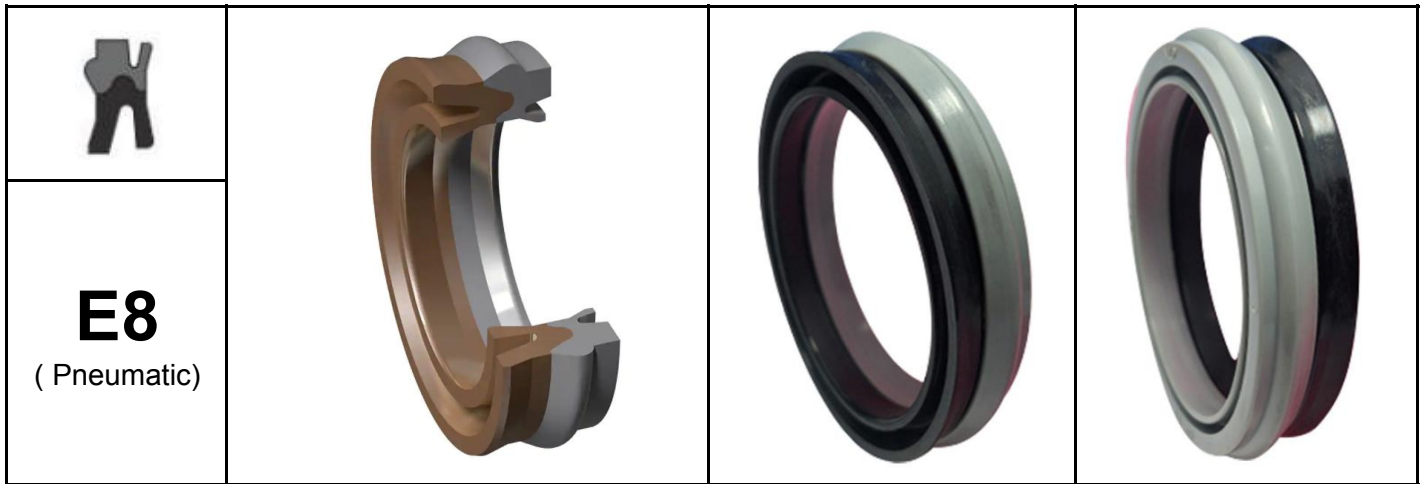


SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max pressure	≤ 1.6 MPa
Max speed	≤ 1.0 m/s
Application	Rod



Part No.	SIZE		
	d	D	b
EU-12A	12	19	10
EU-12B	12	20	10.7
EU-12	12	22	10.7
EU-14	14	24	10.7
EU-16	16	26	10.7
EU-18A	18	26	10.7
EU-18	18	28	10.7
EU-20	20	30	10.7
EU-20A	20	33	11.2
EU-22	22	32	11.2
EU-25	25	35	11.2
EU-25A	25	37	11.2

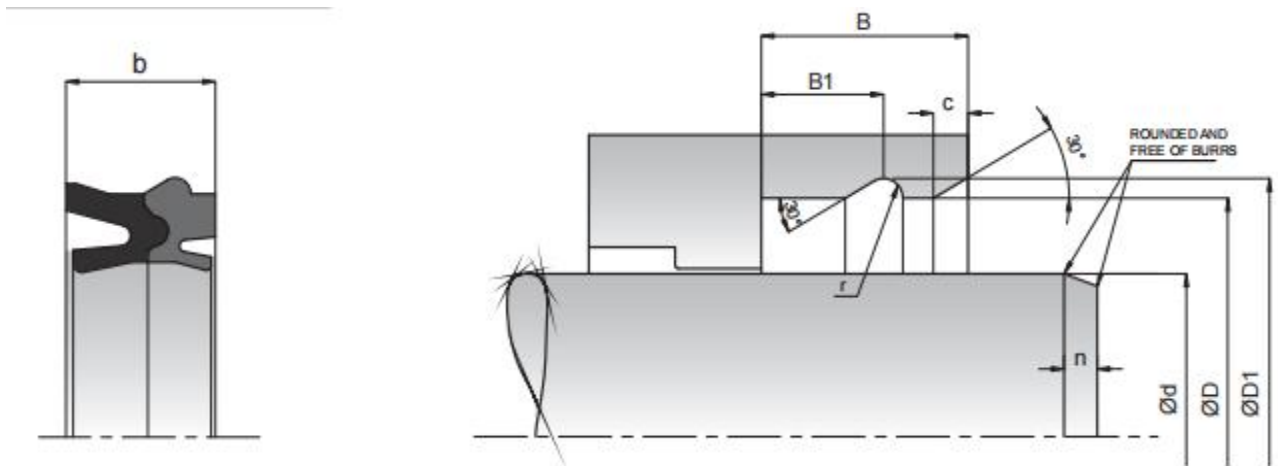
Part No.	SIZE		
	d	D	b
EU-30	30	40	11.2
EU-31	31	45	10.7
EU-32	32	42	11.2
EU-35	35	45	11.2
EU-40	40	50	11.2
EU-45	45	55	12.2
EU-50	50	60	12.2
EU-63	63	75	13



E8

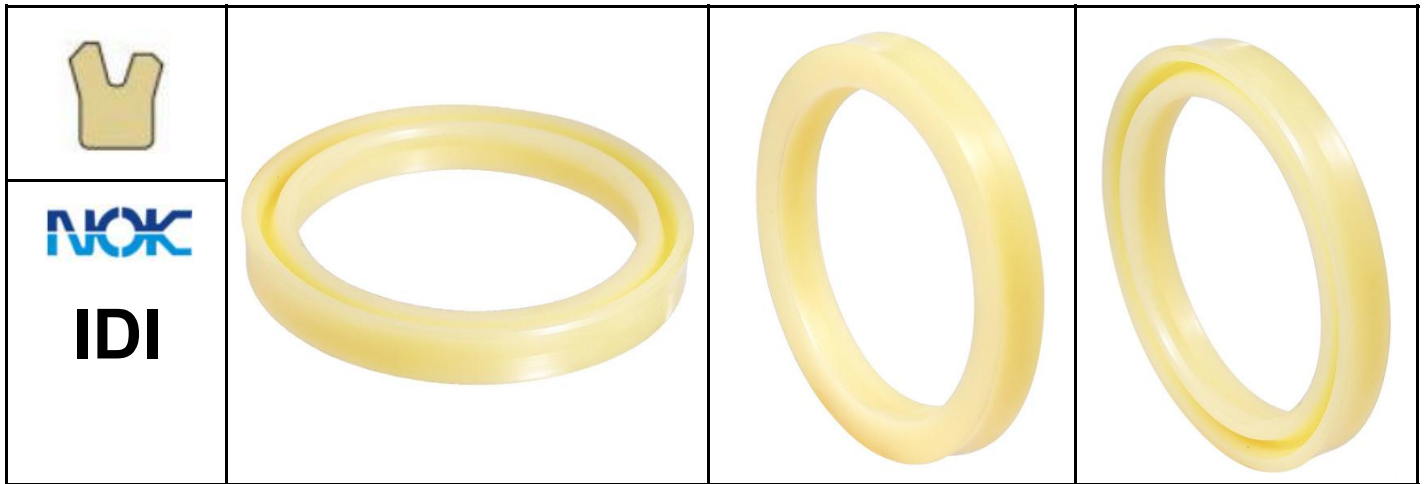
(Pneumatic)

SEAL INFORMATION	
Material	NBR / TPE
Temperature range	-30~105°C
Max pressure	≤ 16 bar
Max speed	≤ 1.0 m/s
Application	Rod

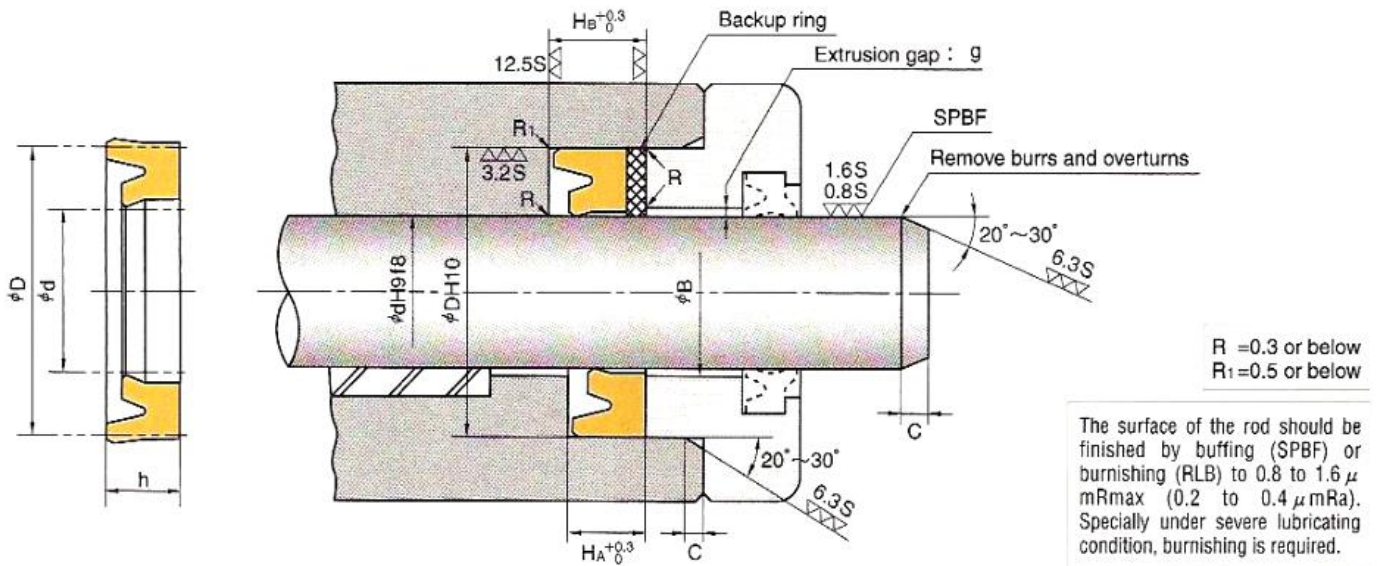


Part No.	SIZE		
	d	D	b
E8	12	19	10
E8	12	20	10.3
E8	12	22	11
E8	14	24	11
E8	16	26	11
E8	18	28	11
E8	20	30	11
E8	22	32	11.5
E8	25	35	11.5
E8	28	38	11.5
E8	30	40	11.5
E8	32	42	11.5

Part No.	SIZE		
	d	D	b
E8	35	45	11.5
E8	18	26	11
E8	40	50	11.5
E8	45	55	12.5
E8	50	60	12.5
E8	63	75	13
E8	12	22	11
E8	16	26	11
E8	20	30.0	11
E8	25	35.0	11.5
E8	32	42.0	11.5
E8	40	50.0	11.5



SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max pressure	≤ 35 MPa
Max speed	≤ 1.0 m/s
Application	Rod



Part No.	SIZE		
	d	D	h
IDI / FU0021F0	6.3	14.3	5
IDI / FU0022F0	6.3	16.3	6
IDI / FU0023F0	6.3	16.3	8
IDI / FU0024F0	6.3	16.3	8
IDI / FU0039F0	8	16	5
IDI / FU0041F0	6	18	6
IDI / FU0042F0	8	18	8
IDI / FU0043F0	8	18	8
IDI / FU0051F0	9	17	5
IDI / FU0052F0	9	19	6
IDI / FU0053F0	9	19	8
IDI / FU0054F0	9	19	8

Part No	SIZE		
	d	D	h
IDI / FU0064F0	10	18	5
IDI / FU0066F0	10.0	20	6
IDI / FU0068F0	10.0	20	7.5
IDI / FU0069F0	10.0	20	8
IDI / FU0078F0	11.2	19.2	5
IDI / FU0079F0	11.2	21.2	6
IDI / FU0080F0	11.2	21.2	7.5
IDI / FU0081F0	11.2	21.2	8
IDI / FU0098F0	12.5	20.5	5
IDI / FU0100F0	12.5	22.5	6
IDI / FU0101F0	12.5	22.5	7.5
IDI / FU0102F0	12.5	22.5	8

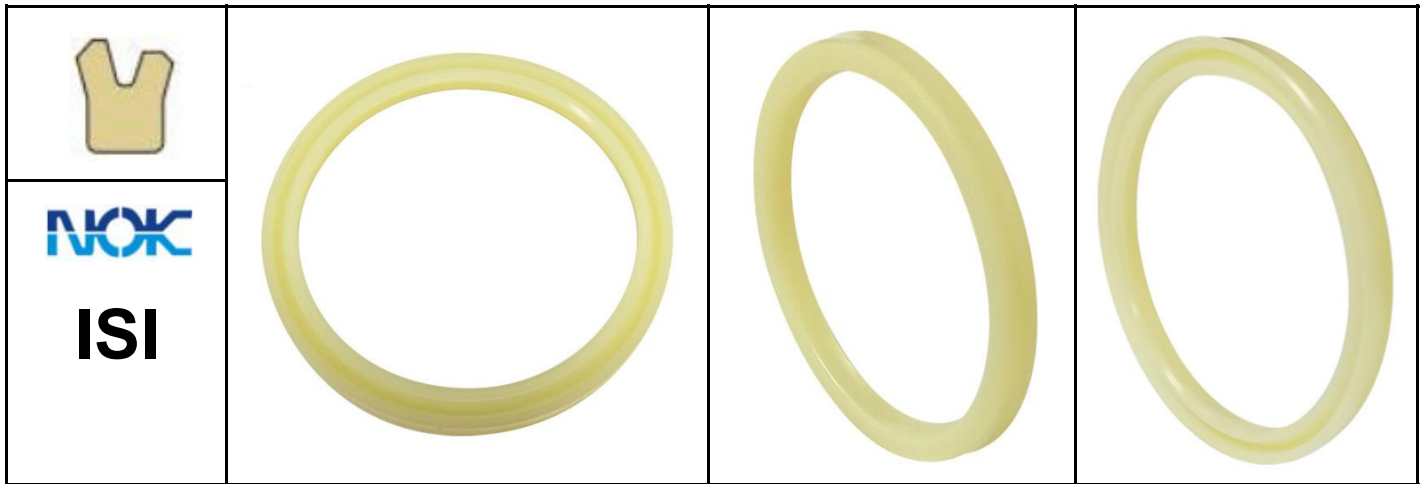
Part No.	SIZE		
	d	D	h
IDI / FU0116F0	14	22	5
IDI / FU0120F0	14	24	6
IDI / FU0121F0	14	24	8
IDI / FU0122F0	14	24	8
IDI / FU0131F0	15	23	5
IDI / FU0134F0	15	25	6
IDI / FU0135F0	15	25	8
IDI / FU0136F0	15	28	8
IDI / FU0137F0	15	28	10
IDI / FU0150F0	16	24	5
IDI / FU0155F0	16	26	6
IDI / FU0156F0	16	26	8
IDI / FU0157F0	16	26	8
IDI / FU0181F0	18	28	6
IDI / FU0182F0	18	28	8
IDI / FU0185F0	18	31	8
IDI / FU0186F0	18	31	10
IDI / FU0214F0	20	30	6
IDI / FU0215F0	20	30	8
IDI / FU0220F0	20	33	8
IDI / FU0221F0	20	33	10
IDI / FU0249F0	22	35	10
IDI / FU0262F0	22.4	32.4	6
IDI / FU0263F0	22.4	32.4	8
IDI / FU0264F0	22.4	35.4	8
IDI / FU0265F0	22.4	35.4	10
IDI / FU0279F0	25	35	6
IDI / FU0282F0	25	35	8
IDI / FU0287F0	25	38	8
IDI / FU0288F0	25	38	10
IDI / FU0291F0	25	40	9
IDI / FU0292F0	25	40	10
IDI / FU2130F0	27	40	10
IDI / FU0322F0	28	38	6
IDI / FU0323F0	28	38	8
IDI / FU0334F0	28	41	8
IDI / FU0335F0	28	41	10
IDI / FU0339F0	28	43	9
IDI / FU0340F0	26	43	10
IDI	30	40	7
IDI / FU0359F0	30	40	8
IDI / FU0364F0	30	43	10
IDI / FU0367F0	30	45	9
IDI / FU0368F0	30	45	10
IDI / FU0383F0	31.5	41.5	8
IDI / FU0384F0	31.5	44.5	8
IDI / FU0385F0	31.5	44.5	10
IDI / FU0386F0	31.5	46.5	9
IDI / FU0387F0	31.5	46.5	10
IDI / FU0408F0	34	50	12
IDI / FU0427F0	35	45	8
IDI / FU0436F0	35	50	9
IDI / FU0437F0	35	50	10
IDI / FU0438F0	35	50	12
IDI / FU0453F0	35.5	45.5	8
IDI / FU0455F0	35.5	50.5	9
IDI / FU0456F0	35.5	50.5	10
IDI / FU0457F0	35.5	51.5	10

Part No	SIZE		
	d	D	h
IDI / FU0458F0	35.5	51.5	12
IDI	37.0	47	8
IDI / FU0498F0	40.0	50	8
IDI / FU0504F0	40.0	55	9
IDI / FU0505F0	40.0	55	10
IDI / FU0508F0	40.0	56	10
IDI / FU0509F0	40.0	56	12
IDI / FU0569F0	45.0	55	8
IDI / FU0575F0	45.0	60	9
IDI / FU0577F0	45.0	60	10
IDI / FU0579F0	45.0	61	10
IDI / FU0580F0	45.0	61	12
IDI / FU0591F0	47.0	63	12
IDI / FU0620F0	50.0	60	8
IDI / FU0630F0	50.0	65	9
IDI / FU0631F0	50.0	65	10
IDI / FU0634F0	50.0	66	10
IDI / FU0635F0	50.0	66	12
IDI / FU0639F0	50.0	70	12
IDI	52.0	64	10
IDI / FU0682F0	53.0	69	12
IDI / FU0696F0	55.0	65	B
IDI / FU0700F0	55.0	70	9
IDI / FU0701 F0	55.0	70	10
IDI / FU0703F0	55.0	71	10
IDI / FU0704F0	55.0	71	12
IDI / FU0708F0	55.0	75	12
IDI / FU0723F0	56.0	66	8
IDI / FU0724F0	56.0	71	9
IDI / FU0725F0	56.0	71	10
IDI / FU0726F0	56.0	72	10
IDI / FU0727F0	56.0	72	12
IDI / FU0728F0	56.0	76	12
IDI / FU0747F0	60.0	70	8
IDI / FU0753F0	60.0	75	9
IDI / FU0754F0	60.0	75	10
IDI / FU0756F0	60.0	76	10
IDI / FU0757F0	60.0	76	12
IDI / FU0761F0	60.0	80	12
IDI / FU0787F0	63.0	73	8
IDI / FU0788F0	63.0	78	9
IDI / FU0789F0	63.0	78	10
IDI / FU0790F0	63.0	79	10
IDI / FU0791F0	63.0	79	12
IDI / FU0793F0	63.0	83	12
IDI / FU2131F0	64.0	80	12
IDI / FU0810F0	65.0	75	8
IDI / FU0815F0	65.0	80	9
IDI / FU0816F0	65.0	80	12
IDI / FU0819F0	65.0	85	12
IDI / FU0830F0	67.0	82	9
IDI / FU0832F0	67.0	87	15
IDI / FU0850F0	70.0	80	8
IDI / FU0857F0	70.0	85	9
IDI / FU0858F0	70.0	85	10
IDI / FU0862F0	70.0	90	12
IDI / FU0864F0	70.0	90	15
IDI / FU0881F0	71.0	81	8

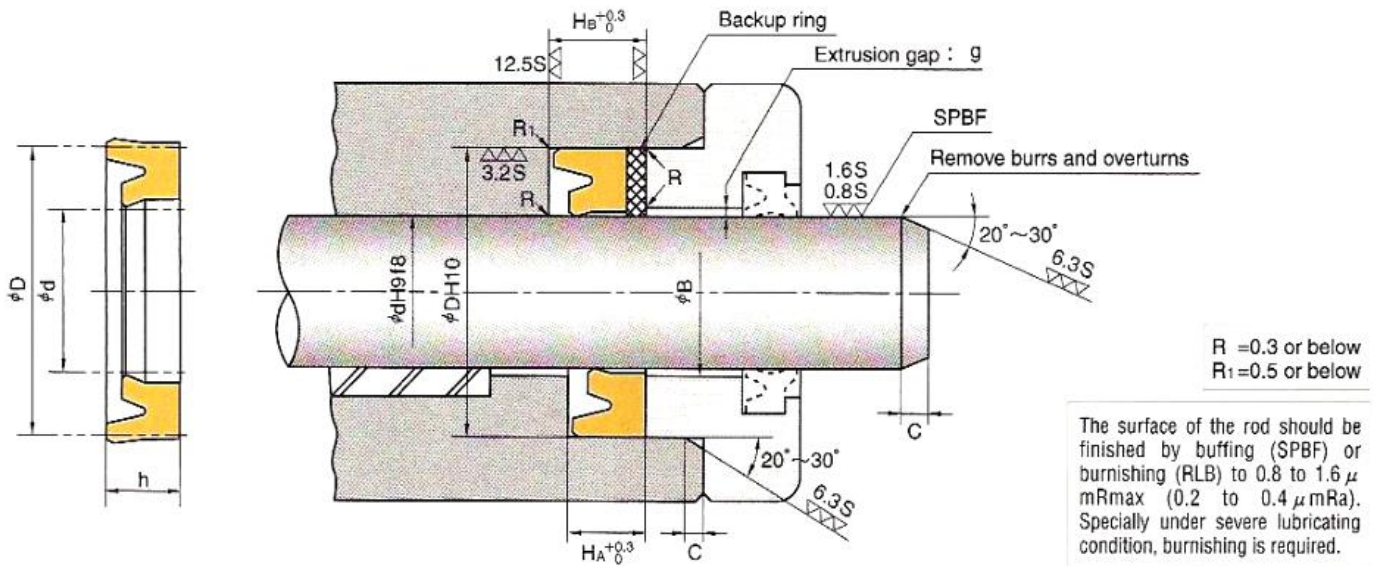
Part No.	SIZE		
	d	D	h
IDI / FU0882F0	71	86	9
IDI / FU0883F0	71	86	10
IDI / FU0884F0	71	91	12
IDI / FU0885F0	71	91	15
IDI / FU0903F0	75	85	8
IDI / FU0906F0	75	90	9
IDI / FU0907F0	75	90	10
IDI / FU0910F0	75	95	12
IDI / FU0911F0	75	95	15
IDI / FU0940F0	80	90	8
IDI / FU0942F0	80	95	9
IDI / FU0943F0	80	95	10
IDI / FU0948F0	80	100	12
IDI / FU0949F0	80	100	15
IDI / FU0985F0	85	100	10
IDI / FU0989F0	85	105	12
IDI / FU0990F0	85	105	15
IDI / FU1025F0	90	105	10
IDI / FU1030F1	90	110	12
IDI / FU1031F0	90	110	15
IDI / FU1052F0	95	110	10
IDI / FU1056F0	95	115	12
IDI / FU1057F0	95	115	15
IDI / FU1083F0	100	115	10
IDI / FU1089F0	100	120	12
IDI / FU1091F0	100	120	15
IDI / FU1126F0	105	120	10
IDI	105	125	12
IDI / FU1129F0	105	125	15
IDI / FU1130F0	105	125	16
IDI / FU1137F0	106	121	10
IDI / FU1138F0	106	126	15
IDI / FU1139F0	106	126	16
IDI / FU1158F0	110	125	10
IDI / FU1165F0	110	130	12
IDI	110	130	15
IDI / FU1166F0	110	130	16
IDI / FU1180F0	112	127	9
IDI / FU1181F0	112	127	10
IDI / FU1182F0	112	132	15
IDI / FU1183F0	112	132	16
IDI	115	135	12
IDI / FU1206F0	118	133	10
IDI / FU1207F0	118	138	15
IDI / FU1208F0	118	138	16
IDI / FU1221F0	120	135	10
IDI	120	140	12
IDI / FU1224F0	120	140	15
IDI / FU1225F0	120	140	16
IDI / FU1253F0	125	140	10
IDI / FU1256F0	125	145	12
IDI / FU1258F0	125	145	16
IDI / FU2132F0	125	150	19
IDI / FU1260F0	125	150	20
IDI / FU1281F0	130	145	10
IDI / FU1283F0	130	150	12
IDI / FU1285F0	130	150	16

Part No	SIZE		
	d	D	h
IDI / FU1295F0	132	157	20
IDI / FU2133F0	135	160	19
IDI / FU2179F0	135	160	20
IDI / FU1324F0	140	155	10
IDI / FU1325F0	140	160	12
IDI / FU1328F0	140	160	16
IDI / FU1332F0	140	165	19
IDI / FU1333F0	140	165	20
IDI / FU2134F0	145	170	19
IDI / FU2180F0	145	170	20
IDI / FU1360F0	150	165	10
IDI / FU1361F0	150	170	12
IDI / FU1364F0	150	170	16
IDI / FU1366F0	150	175	16
IDI / FU1368F0	150	175	20
IDI / FU1393F0	155	180	19
IDI / FU2181F0	155	180	20
IDI / FU1407F0	160	175	10
IDI / FU1409F0	160	180	12
IDI / FU1412F0	160	180	16
IDI / FU1414F0	160	185	16
IDI / FU2076F0	160	185	19
IDI / FU1416F0	160	185	20
IDI / FU1444F0	170	185	10
IDI / FU1445F0	170	190	12
IDI / FU1447F0	170	190	16
IDI / FU1449F0	170	195	16
IDI / FU1450F0	170	195	20
IDI / FU1463F0	175	200	19
IDI / FU2182F0	175	200	20
IDI / FU1486F0	180	200	16
IDI / FU1491F0	180	205	16
IDI / FU1492F0	180	205	19
IDI / FU1493F0	180	205	20
IDI / FU1518F0	190	210	16
IDI / FU1520F0	190	215	16
IDI / FU1521F0	190	215	20
IDI / FU1530F0	199	219	11
IDI / FU1531F0	199	219	15
IDI / FU1533F0	199	224	16
IDI / FU1535F0	199	224	19
IDI / FU1545F0	200	220	16
IDI / FU1548F0	200	225	16
IDI / FU2135F0	200	225	19
IDI / FU1550F0	200	225	20
IDI / FU1576F0	210	230	16
IDI / FU1578F0	210	235	16
IDI / FU1580F0	210	235	19
IDI / FU1581F0	210	235	20
IDI / FU1597F0	220	240	16
IDI / FU1598F0	220	245	16
IDI / FU1600F0	220	245	19
IDI / FU1601F0	220	245	20
IDI / FU1608F0	224	244	11
IDI / FU1610F0	224	244	15
IDI / FU1611F0	224	249	15
IDI / FU1612F0	224	249	18

Part No.	SIZE		
	d	D	h
IDI / FU1613F0	224	249	19
IDI / FU1622F0	225	245	16
IDI / FU1624F0	225	250	16
IDI / FU1626F0	225	250	19
IDI / FU1627F0	225	250	20
IDI / FU1638F0	230	250	16
IDI / FU1640F0	230	255	16
IDI / FU1642F0	230	255	19
IDI / FU1643F0	230	255	20
IDI / FU1658F0	240	260	16
IDI / FU1661F0	240	265	16
IDI / FU1663F0	240	265	19
IDI / FU1664F0	240	265	20
IDI / FU1679F0	250	270	16
IDI / FU1681F0	250	275	16
IDI / FU1683F0	250	275	19
IDI / FU1684F0	250	275	20
IDI / FU1705F0	250	285	19
IDI / FU1707F0	260	290	19
IDI / FU1714F0	260	297	24
IDI	265	295	19
IDI / FU2183F0	265	297	25
IDI	270	287	10
IDI / FU1721F0	270	295	19
IDI / FU1723F0	270	300	19
IDI / FU1725F0	270	300	24
IDI / FU1726F0	270	300	25
IDI / FU1734F0	270	305	19
IDI / FU1736F0	280	310	19
IDI / FU2136F0	280	312	24
IDI / FU2184F0	280	312	25
IDI / FU1749F0	290	315	19
IDI / FU1751F0	290	320	19
IDI / FU1763F0	300	325	19
IDI / FU1765F0	300	330	19
IDI / FU2137F0	300	332	24
IDI / FU2185F0	300	332	25



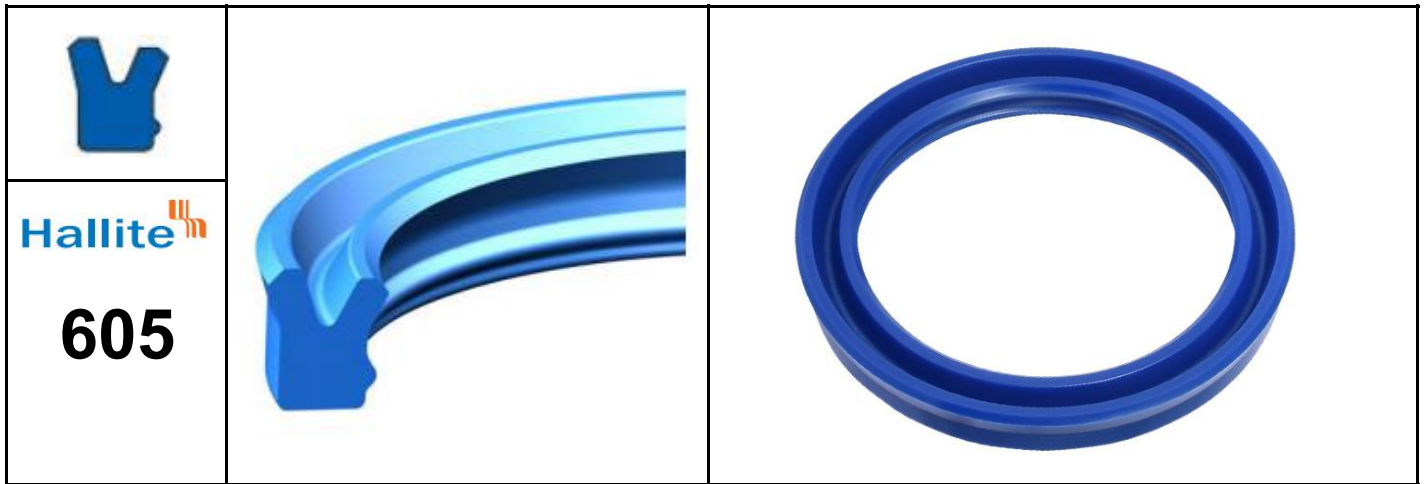
SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max pressure	≤ 31.5 MPa
Max speed	≤ 1.0 m/s
Application	Rod



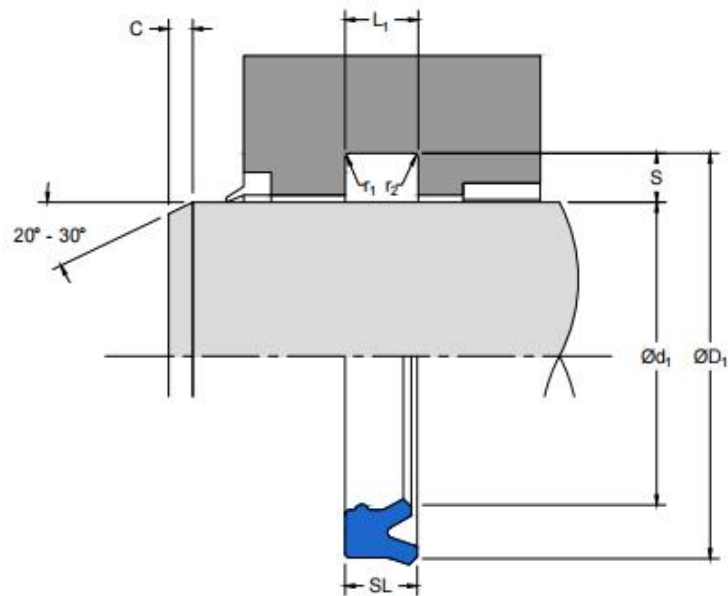
Part No.	SIZE		
	d	D	h
	16	24	5
ISI / FU0108K0	18	26	5
ISI / FU0212K0	20	28	5
ISI / FU0260K0	22.4	30	5
ISI / FU0261K0	22.4	30.4	5
ISI / FU0267K0	23.5	31.5	5
ISI / FU0276K0	25	33	5
ISI / FU0278K0	25	35	5
ISI / FU0320K0	28	35.5	5
ISI / FU0321K0	28	36	5
ISI / FU0357K0	30	40	6
ISI / FU0382K0	31.5	41.5	6

Part No	SIZE		
	d	D	h
ISI / FU0424K0	35	45	6
ISI / FU0451K0	36	45	6
ISI / FU0452K0	36	45.5	6
ISI / FU0497K0	40	50	6
ISI / FU0567K0	45	55	6
ISI / FU0572K0	45	56	7
ISI / FU0619K0	50	60	6
ISI / FU0679K0	53	63	6
ISI / FU0694K0	55	65	6
ISI / FU0722K0	56	66	6
ISI / FU0746K0	60	70	6
ISI / FU0750K0	60	71	7

Part No.	SIZE		
	d	D	h
ISI / FU0786K0	63	73	6
ISI / FU0809K0	65	75	6
ISI / FU0828K0	67	77	6
ISI / FU0849K0	70	80	6
ISI / FU0880K0	71	81	6
ISI / FU0901K0	75	85	6
ISI / FU0939K0	80	90	6
ISI / FU0984K0	85	100	g
ISI / FU1024K0	90	105	9
ISI / FU1051K0	95	110	9
ISI / FU1067K0	98	112	9
ISI / FU1082K0	100	115	9
ISI / FU1125K0	105	120	9
ISI / FU1135K0	106	120	9
ISI / FU1136K0	106	121	9
ISI / FU1157K0	110	125	9
ISI / FU1179K0	112	125	9
ISI / FU1195K1	115	130	9
ISI / FU1205K0	118	133	9
ISI / FU1220K0	120	135	9
ISI / FU1252K0	125	140	9
ISI / FU1280K0	130	145	9
ISI / FU1306K0	136	150	9
ISI / FU1323K0	140	155	9
ISI / FU1343K0	145	160	9
ISI / FU1359K0	150	165	9
ISI / FU1388K0	155	170	9
ISI / FU1406K0	160	175	9
ISI / FU1429K0	165	180	9
ISI / FU1443K0	170	185	9
ISI / FU1459K0	175	190	9
ISI / FU1483K0	180	200	12
ISI / FU1516K0	190	210	12
ISI / FU1543K0	200	220	12
ISI / FU1563K0	204	224	12
ISI / FU1575K0	210	230	12
ISI / FU1596K0	220	240	12
ISI / FU1621K0	225	245	12
ISI / FU1637K0	230	250	12
ISI / FU1657K0	240	260	12
ISI / FU1678K0	250	270	12
ISI / FU1704K0	260	285	16
ISI / FU1720K0	270	295	16
ISI / FU1733K0	280	305	16
ISI / FU1748K0	290	315	16
ISI / FU1762K0	300	325	16



SEAL INFORMATION	
Material	PU
Temperature range	-45~110°C
Max pressure	≤ 400 bar
Max speed	≤ 1.0 m/s
Application	Rod



Part No.	SIZE		
	d	D	SL
605 /4580600	6	16	7.0
605 /4580500	8	18	7.0
605 /4402300	10	15	3.6
605 /4578000	12	18	4.0
605 /4314900	12	18	5.7
605 /4341600	12	19	4.5
605 /4710000	12	19	5.1
605 /4310900	12	20	5.7
605 /4315000	12	22	7.7
605 /4351600	13	20	4.5
605 /4710100	14	21	5.1
605 /4311000	14	22	5.7

Part No	SIZE		
	d	D	SL
605 /4310000	14	24	7.3
605 /4762200	15	22	5.7
605 /4341700	16	22	4.5
605 /4314100	16	22	5
605 /4295200	16	24	5.8
605 /4311100	16	26	7.7
605 /4712000	18	24	4.5
605 /4314200	18	25	5
605 /4611000	18	26	5
605 /4311200	18	26	5.7
605 /4333900	18	26	6
605 /4305100	18	28	7.7

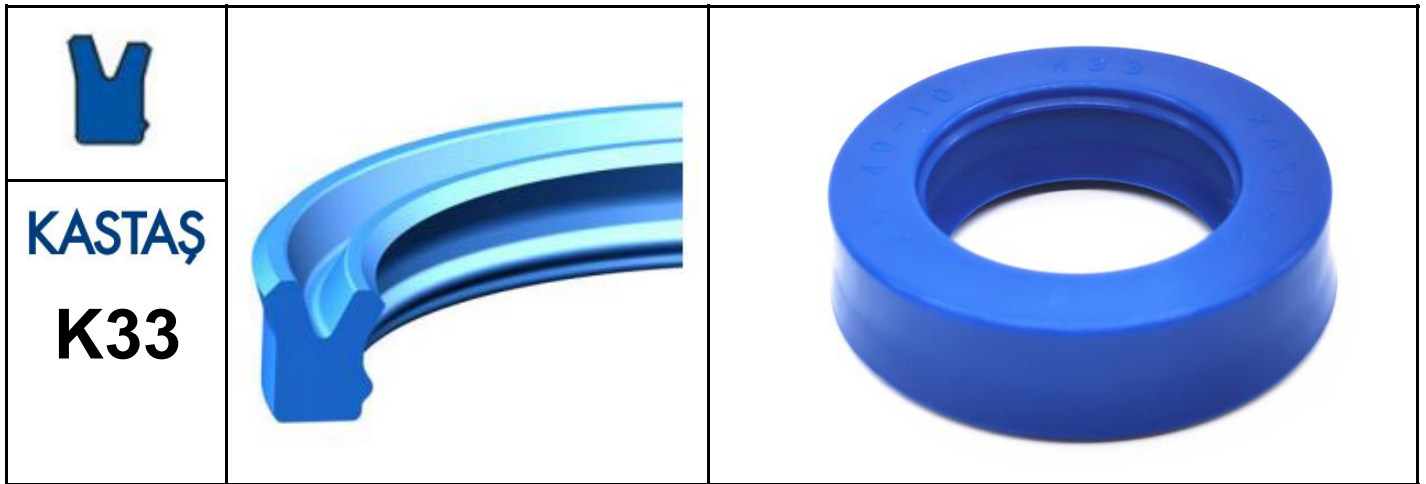
Part No.	SIZE		
	d	D	SL
605 /4332100	20	25	3.2
605 /4315100	20	26	5.0
605 /4826000	20	26	6.5
605 /4702900	20	27	6.1
605 /4611100	20	28	5.0
605 /4362100	20	28	5.7
605 /4611200	20	30	6.0
605 /4305200	20	30	7.7
605 /4310300	20	30	10.0
605 /4617500	22	30	5.0
605 /4305300	22	30	5.7
605 /4356800	22	30	7.3
605 /4310800	22	32	7.3
605 /4311300	22	32	10.0
605 /4611300	22.4	30	5.0
605 /4616600	22.4	30	8.0
605 /4773500	24	30	4.5
605 /4610100	25	33	5.0
605 /4305400	25	33	5.7
605 /4333500	25	33	6.8
605 /4807800	25	33	8.0
605 /4315200	25	33	10.0
605 /4512000	25	35	7.3
605 /4311400	25	35	7.7
605 /4310500	25	35	10.0
605 /4379900	25	37	10.0
605 /4322900	25	40	10.0
605 /4459400	26	36	7.0
605 /4611400	28	35.5	5.0
605 /4703000	28	36	5.7
605 /4305500	28	38	7.3
605 /4399000	28	43	11.4
605 /4704500	30	38	5.7
605 /4402700	30	38	6.3
605 /4610200	30	40	6.0
605 /4703100	30	40	7.0
605 /4304600	30	40	10.0
605 /4383100	30	42	10.9
605 /4618900	30	45	9.0
605 /4328500	30	50	10.0
605 /4310700	32	40	6.0
605 /4334000	32	40	6.7
605 /4315300	32	40	7.7
605 /4334100	32	41.5	7.9
605 /4360100	32	42	5.7
605 /4616100	32	42	6.0
605 /4374200	32	42	7.3
605 /4305600	32	42	10.0
605 /4597700	32	45	10.0
605 /4329600	32	47	9.1
605 /4338900	32	47	10.0
605 /4492500	32	48	10.0
605 /4703200	35	43	5.7
605 /4402800	35	43	6.3
605 /4309000	35	43	8.2
605 /4611500	35	45	6.0
605 /4619200	35	45	7.0
605 /4314300	35	45	7.7

Part No.	SIZE		
	d	D	SL
605 /4305700	35	45	10
605 /4611600	35	50	9
605 Z4322500	35	50	10
605 /4616700	36	45	6
605 /4616900	36	50.5	10
605 /4373900	36	44	6.4
605 /4395000	36	44	8.2
605 /4372100	36	46	5.7
605 /4304900	36	46	7.3
605 /4305000	36	46	10
605 /4771600	36	51	10
605 /4619100	38	48	8
605 /4515500	38	48	10
605 74586300	38	50	10
605 Z4480900	38	53	10
605 /4703300	40	48	5.7
605 /4396800	40	48	8.2
605 /4610300	40	50	6
605 /4311600	40	50	7.3
605 /4293800	40	50	10
605 /4381800	40	52	10.9
605 /4703400	40	55	7.3
605 /4611700	40	55	9
605 /4328300	40	55	10
605 /4744400	42	50	5.7
605 /4373800	42	50	7.5
605 /4618100	42	52	6
605 /4338200	42	52	10
605 /4619700	43	53	6
605 /4619800	45	53	7.3
605 /4402900	45	53	8.1
605 /4315600	45	53	11.8
605 /4479700	45	55	5.6
605 /4610400	45	55	6
605 /4305900	45	55	7.3
605 /4845700	45	55	8
605 /4302600	45	55	10
605 Z4322800	45	57.7	9.5
605 /4315400	45	60	10
605 /4619900	45	60	11.4
605 /4315500	45	65	10
605 /4432600	48	60	10
605 /4538600	50	57	9
605 /4611800	50	60	6
605 /4306000	50	60	7.3
605 /4845800	50	60	8.2
605 /4304500	50	60	10
605 /4314400	50	60	11.8
605 /4611900	50	65	9
605 /4344000	50	65	9.5
605 /4617000	50	65	10
605 /4291700	50	65	10.9
605 /4381900	50	65	14.5
605 /4612000	50	70	12
605 /4617700	53	63	6
605 /4371700	53	65	9
605 /4615600	55	65	6
605 /4703500	55	65	7.3

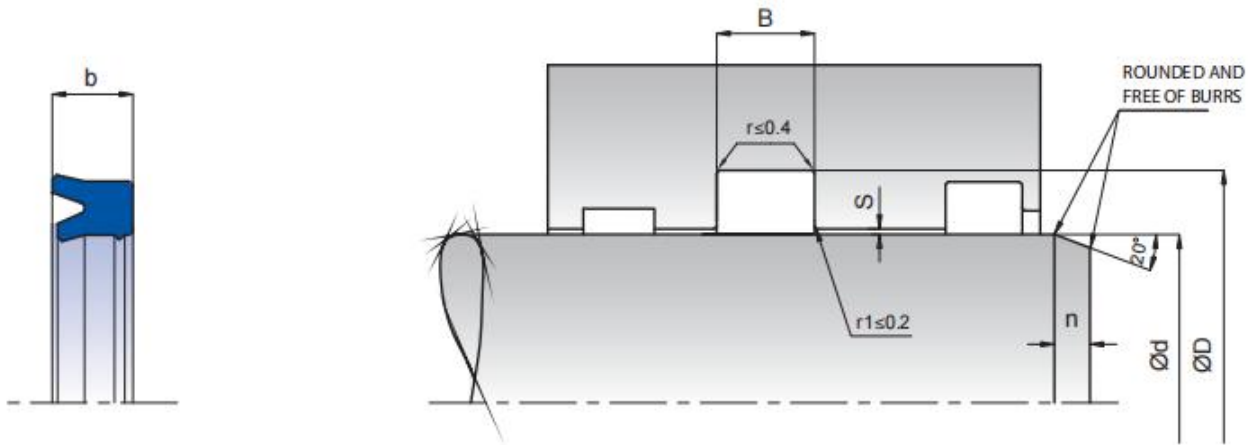
Part No.	SIZE		
	d	D	SL
605 /4306100	55	65	10
605 /4323400	55	65	12
605 /4593800	55	68	10
605 /4612100	55	70	9
605 /4319200	55	70	12
605 /4625000	55	71	12
605 /4612200	55	75	12
605 /4311800	56	66	10
605 /4311900	56	71	10
605 /4306200	56	71	11
605 /4538000	60	68	11
605 /4610500	60	70	6
605 /4703600	60	70	7
605 /4310600	60	70	10
605 /4306300	60	70	12
605 /4615700	60	71	7
605 /4323500	60	72	10
605 /4593900	60	73	10
605 /4612300	60	75	9
605 /4378700	60	75	10
605 /4306400	60	75	12
605 /4391800	60	75	21
605 /4625100	60	76	10
605 /4514300	60	60	11
605 /4612400	60	80	12
605 /4612500	63	73	6
605 /4312000	63	73	12
605 /4312100	63	78	10
605 /4306500	63	78	11
605 /4615900	65	75	6
605 /4314500	65	75	8
605 /4306600	65	75	12
605 /4703700	65	77	9
605 /4616200	65	78	10
605 /4612600	65	80	9
605 /4312200	65	80	12
605 /4612700	65	85	12
605 /4612800	67	77	6
605 /4615800	70	80	6
605 /4312300	70	80	12
605 /4494700	70	82	9
605 /4323600	70	82	10
605 /4616400	70	S3	10
605 /4612900	70	85	9
605 /4302700	70	85	10
605 /4301200	70	85	11
605 /4401400	70	85	21
605 /4613000	70	90	12
605 /4706300	75	83	11
605 /4616800	75	85	6
605 /4312400	75	85	12
605 /4616300	75	88	10
605 /4613100	75	90	9
605 /4613200	75	95	12
605 /4538700	78	86	9
605 /4766600	80	68	11
605 /4616000	80	90	6
605 /4390400	80	90	10

Part No.	SIZE		
	d	D	SL
605 /4312500	80	90	11.8
605 /4494800	80	92	8.7
605 /4615200	80	93	10
605 /4613300	80	95	g
605 /4383500	80	95	10
605 /4620000	80	95	11.4
605 /4306700	80	95	11.8
605 /4613400	80	100	12
605 /4382800	80	100	14.5
605 /4342900	80	110	16.4
605 /4839100	85	93	8.2
605 /4392700	85	93	10
605 /4537900	85	93	11.4
605 /4610600	85	100	9
605 /4615300	85	100	10
605 /4306800	85	100	11.8
605 /4613500	85	105	12
605 Z4706400	90	98	11.4
605 /4493500	90	100	6.8
605 /4366900	90	100	9
605 /4314600	90	100	11.8
605 /4333000	90	102	8.7
605 /4613600	90	105	9
605 /4615400	90	105	10
605 /4306900	90	105	11.4
605 /4613700	90	110	12
605 /4610700	95	110	9
605 /4615500	95	110	10
605 /4617600	95	110	11.8
605 /4613800	95	115	12
605 /4380300	96	104	10.9
605 /4618200	98	112	8.5
605 /4766700	100	108	10.9
605 /4461700	100	110	10.9
605 /4610800	100	115	9
605 /4617100	100	115	10
605 /4312600	100	115	11.8
605 /4312700	100	120	11.8
605 /4307000	100	120	14.5
605 /4392800	105	113	10
605 /4390500	105	115	13.2
605 /4617300	105	120	9
605 /4617200	105	120	10
605 /4379500	105	120	14.5
605 /4617400	105	125	14.5
605 /4459700	110	125	9
605 /4537800	110	125	11
605 /4481600	110	125	14.5
605 /4312800	110	130	11.8
605 /4307100	110	130	14.5
605 /4343000	110	135	14.5
605 /4610900	112	125	9
605 /4619300	115	125	11
605 /4459800	115	130	9
605 /4434600	115	130	10.9
605 /4342600	115	130	14.5
605 /4706500	120	128	11.4
605 /4461800	120	130	10.9

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>SL</i>
605 /4614000	120	135	9
605 /4614100	120	140	12
605 /4312900	120	140	15
605 /4618300	124	134	6
605 /4392900	125	133	10
605 /4748500	125	133	11
605 /4614200	125	140	9
605 /4618400	125	140	10
605 /4766500	125	140	11
605 /4614300	125	145	12
605 Z4307300	125	145	15
605 /4367000	125	150	13
605 /4390600	130	140	15
605 /4614400	130	145	9
605 /4619000	130	145	10
605 /4614500	130	150	12
605 /4313000	130	150	15
605 /4619400	135	145	11
605 /4618500	135	150	9
605 /4537700	135	150	11
605 /4617900	140	150	6
605 /4461900	140	150	11
605 /4614600	140	155	9
605 /4555300	140	155	12
605 /4313100	140	160	12
605 /4307400	140	160	15
605 /4595200	150	160	11
605 /4614700	150	165	9
605 /4614800	150	170	12
605 /4367100	150	170	13
605 /4342800	150	170	15
605 /4538800	151	159	9
605 /4618600	155	165	6
605 /4619500	155	165	11
605 /4618700	155	170	9
605 /4342700	155	170	15
605 /4614900	160	175	9
605 /4462000	160	175	11
605 /4615000	160	180	12
605 /4345000	160	180	15
605 /4616500	165	180	9
605 /4618800	170	180	6
605 /4618000	170	185	9
605 /4398800	170	190	15
605 /4617800	180	190	11
605 /4619600	180	192	13
605 /4314700	180	200	12
605 /4560900	180	200	15
605 /4462100	185	200	11
605 /4749400	190	215	19
605 /4615100	200	220	12
605 /4380200	200	220	15
605 /4522400	205	220	12
605 /4555400	220	240	15
605 /4587400	330	350	18



SEAL INFORMATION	
Material	PU
Temperature range	-30~100°C
Max pressure	≤ 400 bar
Max speed	≤ 0.5 m/s
Application	Rod



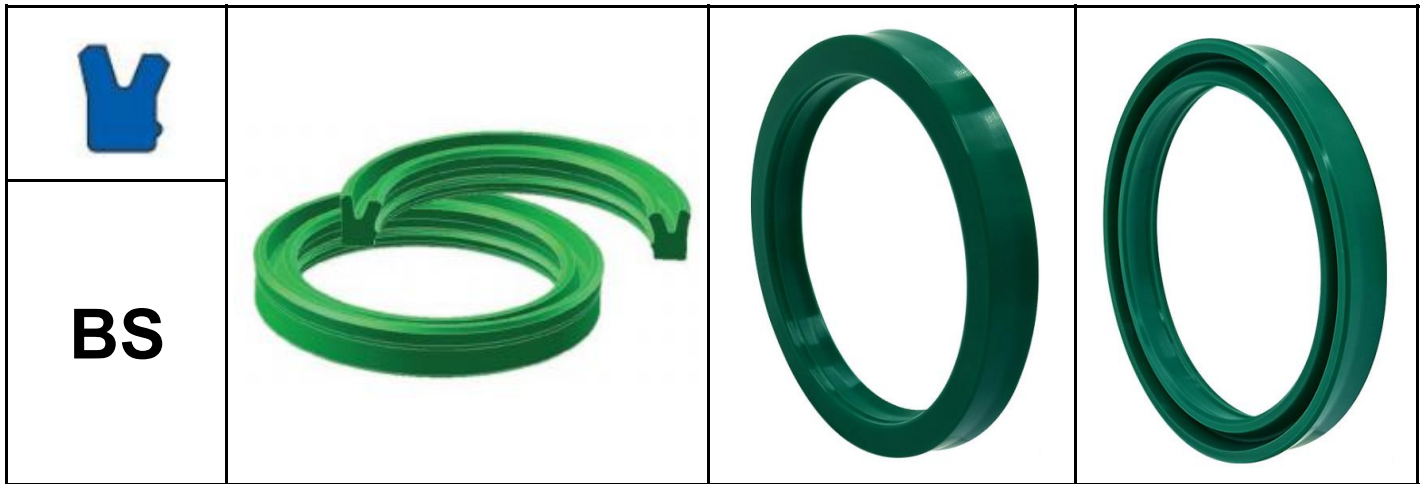
Part No.	SIZE		
	d	D	b
K33-035	35	45	8
K33-035/1	35	50	10
K33-035/2	35	43	5.7
K33-035/5	35	43	6
K33-035/4	35	43	7
K33-035/3	35	45	10
K33-036	36	46	8
K33-036/1	36	51	10
K33-036/2	36	52	10
K33-036/3	36	46	7.3
K33-036/4	36	44	6
K33-038	38	48	9

Part No	SIZE		
	d	D	b
K33-038/1	38	50	6
K33-040	40	50	10
K33-040/1	40	55	10
K33-040/2	40	50	7.3
K33-040/3	40	60	11.5
K33-040/4	40	48	5.7
K33-040/5	40	50	9
K33-040/6	40	50	7
K33-040/7	40	55	11.5
K33-042	42	50	5.7
K33-045	45	55	10
K33-045/1	45	60	10

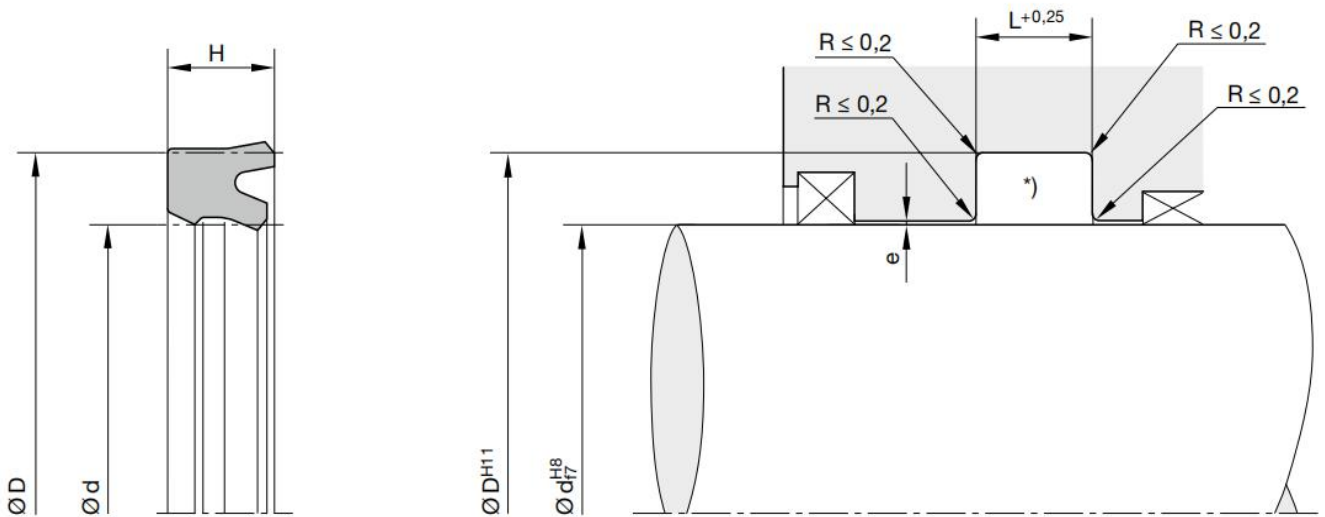
Part No.	SIZE		
	d	D	b
K33-045/2	45	55	7
K33-045/3	45	55	7.3
K33-045/4	45	60	11.5
K33-050	50	60	10
K33-050/1	50	65	10
K33-050/2	50	60	12
K33-050/3	50	60	7.5
K33-050/6	50	60	7
K33-050/4	50	60	7.3
K33-050/5	50	65	11.5
K33-055	55	65	10
K33-055/1	55	63	11.5
K33-055/2	55	70	11.5
K33-056	56	66	8
K33-060	60	80	12
K33-060/3	60	70	10
K33-060/1	60	70	11.5
K33-060/2	60	75	12
K33-060/6	60	70	7
K33-060/4	60	70	12
K33-060/5	60	75	10
K33-063	63	83	12
K33-063/2	63	78	10
K33-063/1	63	78	11.5
K33-063/5	63	73	12
K33-063/3	63.5	82.55	15.87
K33-063/4	63.5	73.02	9.52
K33-065	65	75	10
K33-065/1	65	75	11.5
K33-065/3	65	75	13
K33-070	70	80	12
K33-070/1	70	78	11.5
K33-070/2	70	80	11.5
K33-070/3	70	85	11.5
K33-070/4	70	85	12
K33-070/5	70	90	12
K33-070/6	70	85	13
K33-070/7	70	80	6
K33-075	75	85	12
K33-075/1	75	83	11.5
K33-075/2	75	85	11.5
K33-075/3	75	90	12
K33-077	77	87	12
K33-080	80	90	12
K33-080/1	80	88	11.5
K33-080/2	80	95	11.5
K33-080/5	80	95	12
K33-080/3	80	100	12
K33-080/4	80	100	15
K33-080/7	80	95	10
K33-080/6	80	100	10
K33-085	85	95	12
K33-085/1	85	93	12
K33-085/2	85	100	12
K33-085/3	85	105	12
K33-090	90	100	12
K33-090/1	90	98	11.5
K33-090/2	90	100	10

Part No	SIZE		
	d	D	b
K33-090/4	90	98	10.9
K33-090/7	90	100	11.5
K33-090/5	90	105	12
K33-090/3	90	110	10
K33-090/6	90	110	13
K33-090/11	90	105	11.5
K33-090/8	90	100	7
K33-090/9	90	110	12
K33-090/10	90	110	15
K33-095	95	105	12
K33-095/1	95	103	11.5
K33-095/2	95	110	10
K33-095/3	95	115	12
K33-100	100	115	12
K33-100/1	100	110	11.5
K33-100/2	100	108	11.5
K33-100/3	100	115	11
K33-100/4	100	120	12
K33-100/5	100	130	12
K33-100/7	100	120	14
K33-100/6	100	125	15
K33-105	105	115	12
K33-105/1	105	120	10
K33-105/2	105	113	11.5
K33-105/3	105	115	11.5
K33-106	106	120	8.4
K33-110	110	118	11.5
K33-110/1	110	125	12
K33-110/2	110	130	15
K33-110/3	110	125	11
K33-110/5	110	125	15
K33-110/4	110	130	12
K33-113	113	128	12
K33-115	115	125	12
K33-115/1	115	135	12
K33-118	118	126	11.5
K33-120/3	120	130	11.5
K33-120/1	120	135	15
K33-120/2	120	140	12
K33-120	120	140	15
K33-120/5	120	140	14.6
K33-120/4	120	150	15
K33-123	123	132	12
K33-125	125	150	14
K33-125/1	125	145	15
K33-125/2	125	133	11.5
K33-125/4	125	135	12
K33-125/3	125	145	12
K33-130	130	145	9
K33-130/1	130	138	11.5
K33-130/2	130	150	15
K33-135	135	145	12
K33-135/1	135	150	11.5
K33-140/3	140	150	11.5
K33-140/2	140	160	12
K33-140/1	140	160	14.5
K33-140	140	160	15
K33-140/4	140	170	18

Part No.	SIZE		
	d	D	b
K33-142	142	157	12
K33-143	143	151	11.5
K33-145	145	155	12
K33-150	150	170	14
K33-150/2	150	170	12
K33-150/1	150	180	18
K33-155	155	165	12
K33-155/1	155	163	11.5
K33-160	160	170	12
K33-160/1	160	185	15
K33-160/3	160	180	15
K33-160/2	160	170	11.5
K33-165/1	165	175	12
K33-165	165.1	177.8	9.52
K33-170	170	200	15
K33-172	172	187	12
K33-172/1	172	197	15
K33-175/1	175	185	12
K33-175	175	215	20
K33-180	180	200	15
K33-180/1	180	195	11.5
K33-185	185	195	12
K33-190	190	210	15
K33-190/1	190.5	203.2	9.52
K33-192	192	212	12
K33-200	200	212	15
K33-210	210	230	15
K33-212	212	222	12
K33-215	215	235	12
K33-220	220	250	18
K33-230	230	260	18
K33-235	235	255	12
K33-240	240	260	15
K33-245	245	275	18
K33-252	252	273	10
K33-258	258	278	15
K33-280	280	310	18
K33-300	300	330	17



SEAL INFORMATION	
Material	PU
Temperature range	-30~100°C
Max pressure	≤ 344 bar
Max speed	≤ 0.5 m/s
Application	Rod



Part No.	SIZE		
	d	D	SL
BS	8	16	5.7
BS	9	16	5.7
BS	10	16	4.5
BS	10	17	5.7
BS	10	18	5.7
BS	12.7	19.05	4.5
BS	14	20	5.7
BS	14	22	5.7
BS	14	24	7.3
BS	16	24	5.8
BS	16	26	7.3
BS	18	28	7.3

Part No.	SIZE		
	d	D	SL
BS	20	30	7.3
BS	22	32	7.3
BS	25	33	6.5
BS	25	35	7.3
BS	26	36	10
BS	28	36	7
BS	28	38	7.3
BS	30	40	10
BS	30	45	10
BS	32	42	7.3
BS	32	42	10
BS	32	45	10

Part No.	SIZE		
	d	D	SL
BS	35	45	10
BS	35	47	16.5
BS	36	46	7.3
BS	36	51	10
BS	37	47	10
BS	40	49.52	9.6
BS	40	50	10
BS	40	52	8
BS	40	55	11.4
BS	43	53	7.3
BS	45	53	5.6
BS	45	55	7.3

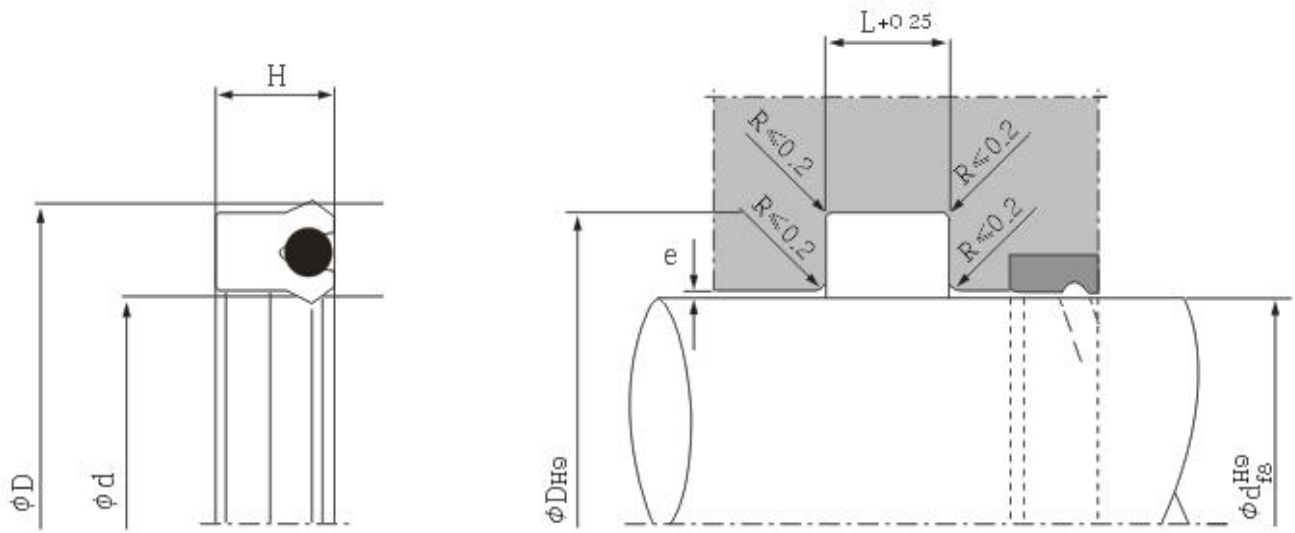
Part No.	SIZE		
	d	D	SL
BS	45	55	10
BS	45	60	11.4
BS	46	56	10
BS	48	56	11.5
BS	50	60	7.3
BS	50	60	10
BS	50	65	11.4
BS	50.8	63.5	9.5
BS	52	62	10
BS	55	65	10
BS	55	67	10
BS	56	71	11.4
BS	60	68	13
BS	60	70	7.5
BS	60	70	10
BS	60	75	10
BS	63	71	8
BS	63	78	11.4
BS	63.5	76.2	9.53
BS	64	72	9.1
BS	65	73	11.5
BS	65	75	12
BS	65	85	11.4
BS	68	78	12
BS	70	80	12
BS	70	85	11.4
BS	75	66	10
BS	75	90	10
BS	78	86	11.5
BS	80	88	11.5
BS	80	90	12
BS	80	95	11.4
BS	80	100	12
BS	85	93	11.5
BS	85	100	12
BS	90	98	11.5
BS	90	105	11.4
BS	92	107	11.4
BS	95	105	11.4
BS	95	115	12
BS	97	105	13
BS	100	108	12
BS	100	110	11.4
BS	100	120	14.5
BS	101.6	114.93	20.01
BS	105	113	11.5
BS	107	115	11.5
BS	110	125	14.5
BS	110	130	14.5
BS	118	126	13
BS	120	130	11.4
BS	120	130	14
BS	125	133	11.5
BS	125	135	11.4
BS	127	140.33	20.01
BS	128	140	9.1
BS	130	145	12
BS	140	160	14.5

Part No.	SIZE		
	d	D	SL
BS	143	151	13
BS	145	153	11.5
BS	145	155	11.4
BS	150	160	11.4
BS	150	170	15
BS	152	160	9.1
BS	152.4	165.73	20.01
BS	160	185	18.2
BS	167	175	11.5
BS	170	200	18
BS	171	179	13
BS	175	185	11.4
BS	176	186	12
BS	177.7	195	9.73
BS	180	188	11.5
BS	180	190	11.4
BS	193	201	11.5
BS	200	211	12
BS	200	225	18.2
BS	209.55	226.77	9.73
BS	220	250	22.7
BS	223	231	11.5
BS	228.5	246	9
BS	230	260	22.7
BS	250	280	22.7
BS	266.7	284	9.73
BS	280	310	18



BA

SEAL INFORMATION	
Material	PU
Temperature range	-30~100°C
Max pressure	≤ 350 bar
Max speed	≤ 0.5 m/s
Application	Rod



Part No.	SIZE		
	d	D	H
BA	34.9	41.3	4.8
BA	34.9	44.5	7.9
BA	35	43	5.7
BA	35	43	6.5
BA	35	45	8
BA	35	45	10
BA	35	47	10
BA	35	50	11.4
BA	36	44	5.7
BA	36	46	7.3
BA	36	51	11.4
BA	38	50	7

Part No.	SIZE		
	d	D	H
BA	38.1	44.5	6.4
BA	38.1	47.6	6.4
BA	38.1	47.6	9.5
BA	38.1	50.8	9.5
BA	38.1	54	12.7
BA	38.1	57.2	15.9
BA	40	48	5.7
BA	40	50	7.3
BA	40	50	10
BA	40	52	10
BA	40	55	10
BA	40	55	11.4

Part No.	SIZE		
	d	D	H
BA	41.3	50.8	7.9
BA	41.3	57.2	12.7
BA	41.7	50.7	7.1
BA	42	50	6.5
BA	44.5	54	6.8
BA	44.5	57.2	9.5
BA	44.5	60.3	12.7
BA	45	53	7.3
BA	45	55	7.3
BA	45	55	8
BA	45	55	10
BA	45	60	11.4

Part No.	SIZE		
	d	D	H
BA	45	65	11.4
BA	47.6	57.2	4.8
BA	47.6	57.2	9.5
BA	47.6	60.3	9.5
BA	47.6	63.5	9.5
BA	48	60	10
BA	50	58	8
BA	50	60	7.3
BA	50	60	7.5
BA	50	60	10
BA	50	60	11.4
BA	50	62	9.5
BA	50	63	10
BA	50	65	11.4
BA	50	70	14.6
BA	50.4	69.9	15.9
BA	50.8	60.3	7.9
BA	50.8	60.3	9.5
BA	50.8	63.5	9.5
BA	50.8	66.7	12.7
BA	52	62	7.3
BA	53	63	7.3
BA	54	63.5	6.8
BA	54	63.5	9.5
BA	54	66.7	9.5
BA	54	69.9	12.7
BA	55	65	7.3
BA	55	65	11
BA	55	70	11
BA	55	75	14.5
BA	56	66	10
BA	56	71	11.4
BA	56	76	14.6
BA	57.2	66.7	6.8
BA	57.2	66.7	9.5
BA	57.2	69.6	9.5
BA	57.2	76.2	15.9
BA	60	68	7
BA	60	68	11.4
BA	60	68	13
BA	60	70	7.3
BA	60	70	10.5
BA	60	70	12
BA	60	72	9
BA	60	72	10
BA	60	75	13.5
BA	60	80	12
BA	60	80	14
BA	63	73	5.5
BA	63	75	8.7
BA	63	78	11.4
BA	63	83	14.5
BA	63.5	73	9.5
BA	63.5	76.2	6.4
BA	63.5	76.2	9.5
BA	63.5	79.4	12.7
BA	64	60	12
BA	65	73	7

Part No.	SIZE		
	d	D	H
BA	65	75	10
BA	65	85	12
BA	65	85	15
BA	66.7	76.2	6.8
BA	66.7	76.2	9.5
BA	66.7	79.4	9.5
BA	68	88	15
BA	69.9	82.6	9.5
BA	69.9	85.7	12.7
BA	69.9	88.9	15.9
BA	70	80	11.4
BA	70	82	8.7
BA	70	82	9.5
BA	70	85	9.5
BA	70	85	11.4
BA	70	90	12
BA	70	90	14.5
BA	73	80	7
BA	73	82.6	6.8
BA	73	82.6	9.5
BA	73	85.7	9.5
BA	75	83	6.5
BA	75	85	10.5
BA	75	90	11.4
BA	76.2	85.7	7.9
BA	76.2	85.7	9.5
BA	76.2	88.9	9.5
BA	76.2	92.1	9.5
BA	76.2	92.1	12.7
BA	76.2	95.3	15.9
BA	78	86	13
BA	79.4	88.9	9.5
BA	79.4	92.1	9.5
BA	80	88	6.5
BA	80	90	11.4
BA	80	92	9
BA	80	92.7	9.5
BA	80	95	11.4
BA	80	100	9.5
BA	80	100	12
BA	80	100	13.5
BA	80	100	15
BA	81.3	95.8	12.7
BA	82	92	10
BA	82.6	95.3	9.5
BA	82.6	101.6	12.7
BA	82.6	101.6	15.9
BA	85	95	9.5
BA	85	100	9.5
BA	85	100	12
BA	85	105	14.5
BA	85.7	95.3	9.5
BA	85.7	101.6	12.8
BA	85.7	104.8	15.9
BA	88.5	108.5	15
BA	88.9	98	9.5
BA	88.9	101.6	9.5
BA	88.9	108	15.9

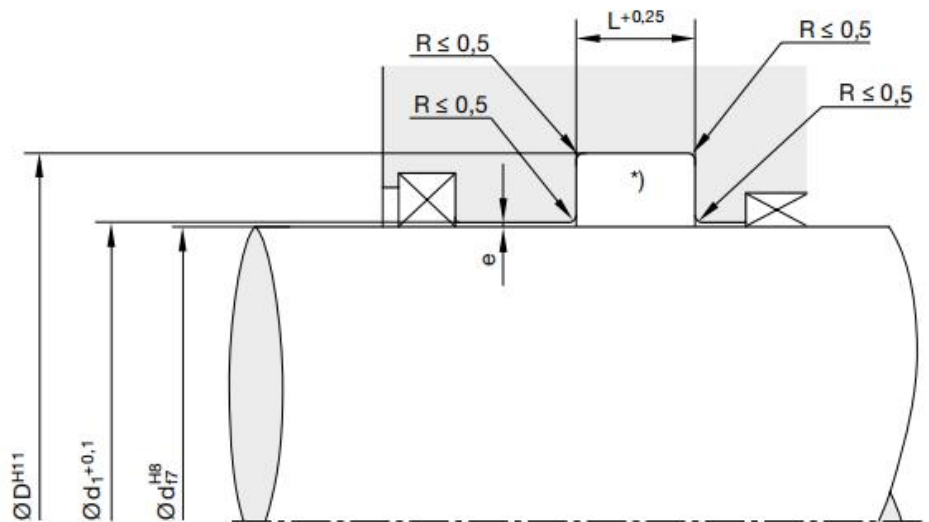
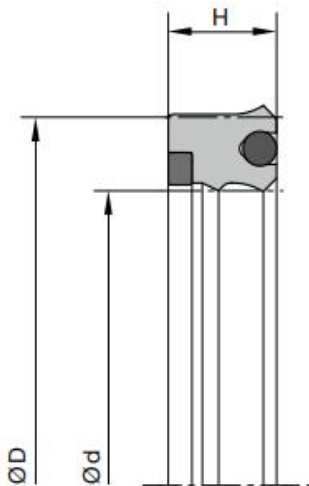
Part No.	SIZE		
	d	D	H
BA	90	100	11.4
BA	90	105	11.4
BA	90	110	12
BA	90	110	14.5
BA	92.1	111.1	15.9
BA	94	108.5	12.7
BA	95	105	11.4
BA	95	110	11.4
BA	95.3	104.8	9.5
BA	95.3	106	9.5
BA	95.3	108	14.3
BA	95.3	114.3	12.7
BA	95.3	114.3	15.9
BA	98.4	123.8	19.1
BA	100	108	6.5
BA	100	110	11.4
BA	100	115	11
BA	100	115	14.6
BA	100	120	12
BA	100	120	14.5
BA	101.6	111.1	9.5
BA	101.6	114.3	9.5
BA	101.6	117.5	14.3
BA	101.6	120.7	15.9
BA	101.6	127	19.1
BA	104.8	123.8	15.9
BA	105	115	10
BA	105	120	11.4
BA	105	125	14.5
BA	108	120.7	9.5
BA	108	120.7	14.3
BA	108	127	15.9
BA	110	120	10.5
BA	110	125	11.4
BA	110	130	12
BA	110	130	14.5
BA	110	135	18.2
BA	111.1	127	12.7
BA	114.3	127	9.5
BA	114.3	127	14.3
BA	114.3	130.2	15.9
BA	114.3	133.4	15.9
BA	114.3	139.7	19.1
BA	115	125	11.4
BA	115	130	11.4
BA	117.5	136.5	15.9
BA	120	130	11.4
BA	120	135	11.4
BA	120	140	15
BA	120.7	133.4	14.3
BA	120.7	136.5	15.9
BA	120.7	139.7	15.9
BA	123.8	142.9	15.9
BA	125	135	11.4
BA	125	140	11.4
BA	125	145	14.5
BA	127	139.7	9.5
BA	127	139.7	14.3

Part No.	SIZE		
	d	D	H
BA	127	146.1	15.9
BA	127	152.4	19.1
BA	130	145	9
BA	130	145	14.5
BA	133.4	146.1	14.3
BA	133.4	152.4	15.9
BA	135	155	14.5
BA	139.7	152.3	9.5
BA	139.7	152.4	14.3
BA	139.7	158.8	15.9
BA	139.7	165.1	19.1
BA	140	150	10.5
BA	140	150	11.4
BA	140	160	14.5
BA	140	165	18.2
BA	142.9	161.9	15.9
BA	145	155	11.4
BA	145	160	12
BA	145	165	14.5
BA	146.1	158.8	14.3
BA	146.1	165.1	15.9
BA	150	160	11.4
BA	150	170	14.5
BA	152.4	165.1	11.1
BA	152.4	165.1	14.3
BA	152.4	171.5	15.9
BA	155	175	15
BA	160	168	13
BA	160	180	15
BA	160	185	18.2
BA	165	190	18.2
BA	165.1	177.8	14.3
BA	165.1	184.2	12.7
BA	167	177	14
BA	170	180	11.4
BA	170	190	15
BA	170	195	19
BA	171.5	184.2	14.3
BA	171.5	187.3	15.9
BA	175	185	11.4
BA	175	195	15.9
BA	177.8	190.5	14.3
BA	177.8	196.3	12.7
BA	177.8	196.9	15.9
BA	180	190	11.4
BA	180	200	15
BA	180	210	22.7
BA	184.2	203.2	15.9
BA	187.3	206.4	12.7
BA	190.5	203.2	14.3
BA	196.9	215.9	12.7
BA	200	210	11.4
BA	200	220	15
BA	200	220	18
BA	200	225	18.2
BA	200	230	22.7
BA	203.2	215.9	14.3
BA	203.2	222.3	15.9

Part No.	SIZE		
	d	D	H
BA	203.2	228.6	19.1
BA	204	220	16
BA	206.4	219.1	14.3
BA	210	230	14.5
BA	215.9	228.6	14.3
BA	215.9	235	15.9
BA	218	230	9
BA	220	240	15
BA	220	250	22.7
BA	222.3	241.4	19.1
BA	235	260.4	19.1
BA	238.1	254	15.9
BA	240	260	14.5
BA	250	280	22.7
BA	254	279.4	19.1
BA	260	290	22.7
BA	260.4	279.4	12.7
BA	268.7	285.8	15.9
BA	273.1	292.1	15.9
BA	279.4	304.S	19.1
BA	280	310	22.7
BA	290	320	22.5
BA	300	325	15
BA	330	355	20
BA	360	385	20
BA	381	408.4	19.1
BA	419.1	444.5	19.1
BA	501.7	533.4	25.4



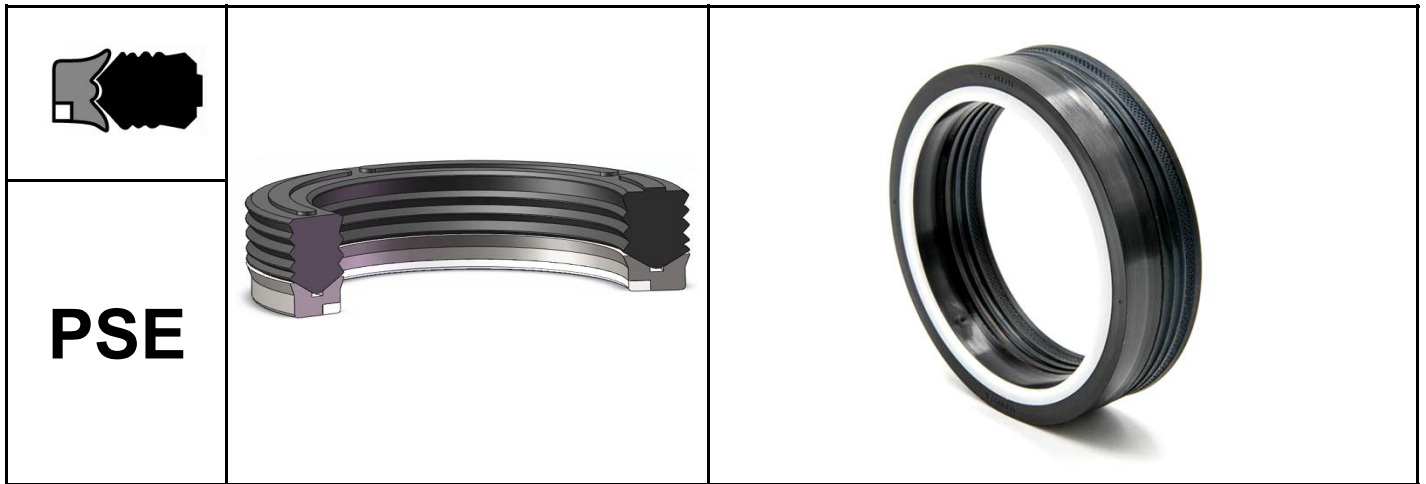
SEAL INFORMATION	
Material	PU
Temperature range	-35~110°C
Max pressure	≤ 500 bar
Max speed	≤ 0.5 m/s
Application	Rod



Part No.	SIZE		
	d	D	H
BD	40	55	11.4
BD	50	65	11.4
BD	56	71	11.4
BD	60	75	11.4
BD	63	78	11.4
BD	65	80	11.4
BD	70	85	11.4
BD	75	90	11.4
BD	80	95	11.4
BD	85	100	11.4
BD	85	100	12
BD	90	105	11.4

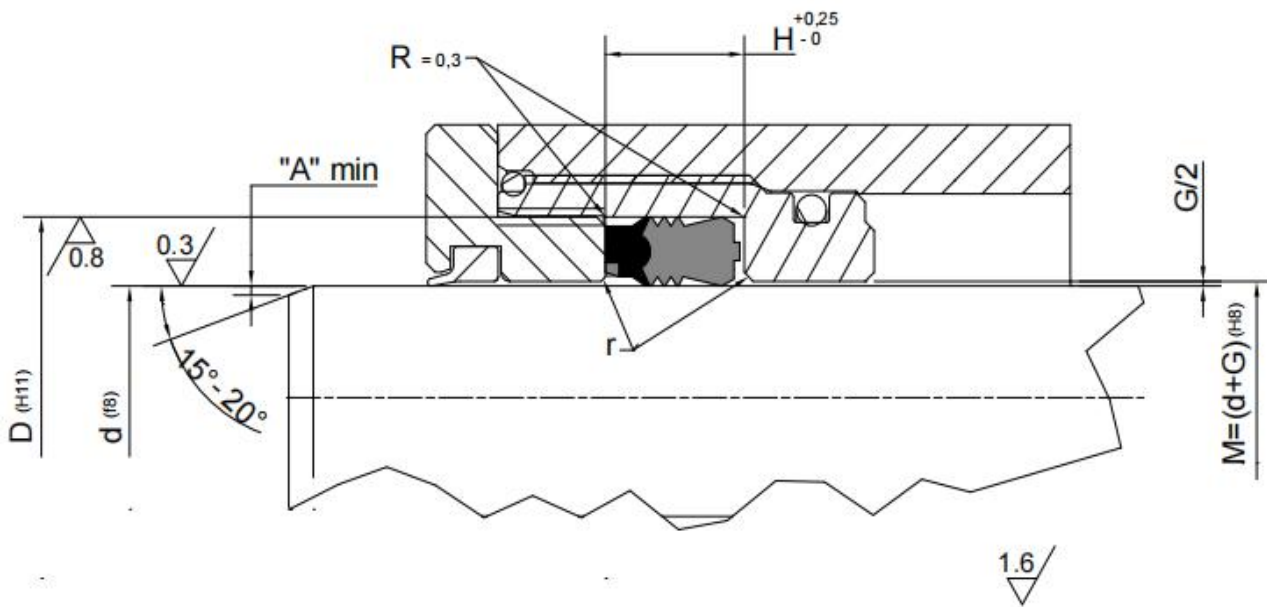
Part No.	SIZE		
	d	D	H
BD	95	110	12
BD	100	115	12
BD	100	120	13.5
BD	100	120	14.5
BD	110	130	14.5
BD	120	140	14.5
BD	125	145	14.5
BD	130	150	14.5
BD	140	160	14.5
BD	150	170	14.5
BD	160	180	14.5
BD	170	190	14.5

Part No.	SIZE		
	d	D	H
BD	180	205	18.2
BD	190	215	18.2
BD	200	230	22.7
BD	220	250	22.7
BD	230	260	22.7
BD	240	270	22.7



PSE

SEAL INFORMATION	
Material	NBR/POM/Cotton Fabric
Temperature range	-30~100°C
Max pressure	≤ 700 bar
Max speed	≤ 0.5 m/s
Application	Rod



Part No.	SIZE		
	d	D	H
PSE 106059/1	15	27	20.00
PSE 129078/1	20	33	20.00
PSE 137086/1	22	35	20.00
PSE 149098/1	25	38	20.00
PSE 161110/1	28	41	20.00
PSE 169118/1	30	43	20.00
PSE 185125/1	32	47	22.50
PSE 177137/1	35	45	25.59
PSE 185137/1	35	47	22.50
PSE 196137/1	35	50	22.50
PSE 196157/1	40	50	17.50
PSE 200141/1	36	51	22.50

Part No	SIZE		
	d	D	H
PSE 204157/1	40	52	22.50
PSE 216157/1	40	55	22.62
PSE 236157/1	40	60	30.00
PSE 236177/1	45	60	22.50
PSE 255177/1	45	65	28.00
PSE 248196/1	50	63	20.00
PSE 255196/1A	50	65	24.50
PSE 255196/1C	50	65	22.50
PSE 275196/1B	50	70	30.00
PSE 275196/1A	50	70	31.90
PSE 275216/1	55	70	25.00
PSE 275216/2	55	70	22.50

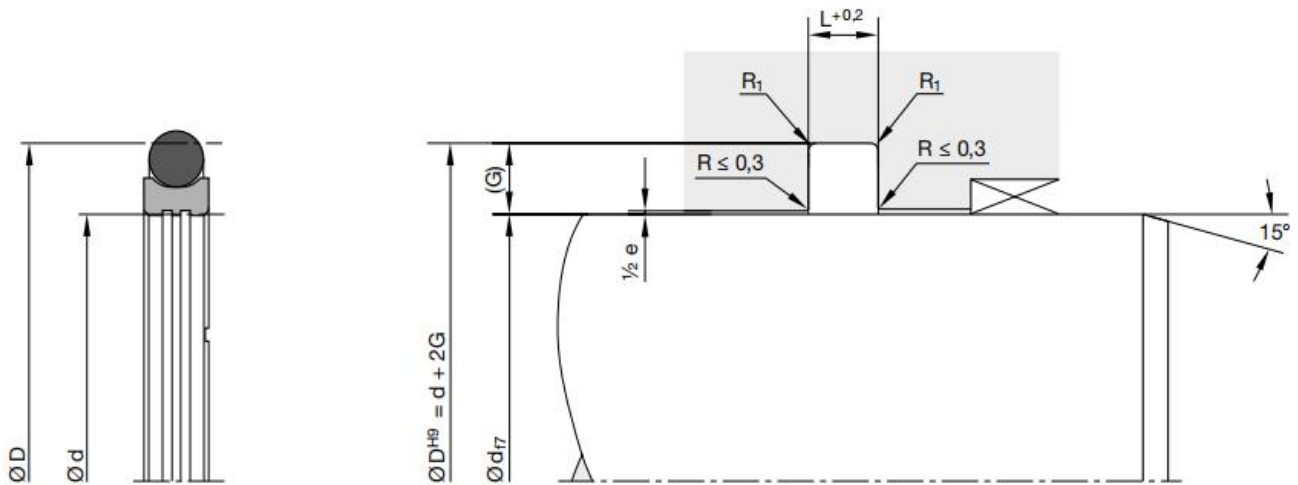
Part No.	SIZE		
	d	D	H
PSE 295216/1	55	75	32.00
PSE 295216/2	55	75	30.00
PSE 279220	56	71	22.50
PSE 279220/1	56	71	25.00
PSE 299220/1	56	76	28.00
PSE 295236/1	60	75	25.00
PSE 295236/2	60	75	22.50
PSE 303236/1	60	77	27.00
PSE 314236	60	80	27.00
PSE 314236/1	60	80	30.00
PSE 314236/1A	60	80	34.90
PSE 314236/1B	60	80	32.00
PSE 326248	63	83	30.00
PSE 326248/1A	63	83	29.00
PSE 326248/1E	63	83	27.00
PSE 334255/1	65	85	29.00
PSE 334275/1	70	85	22.50
PSE 334275/1B	70	85	25.00
PSE 354275/1	70	90	30.00
PSE 354275/2	70	90	31.90
PSE 374295/2A	75	95	28.00
PSE 274295/2C	75	95	30.00
PSE 379301/1	76.5	96.5	32.50
PSE 393314/1	80	100	30.00
PSE 413334	85	105	22.00
PSE 413334/1	85	105	30.00
PSE 413354	90	105	22.50
PSE 413354/1A	90	105	25.00
PSE 413354/1B	90	105	33.53
PSE 433354/1A	90	110	30.00
PSE 433354/2B	90	110	32.50
PSE 452374/1	95	115	28.00
PSE 450393/1	100	114.<	24.21
PSE 472393/1	100	120	30.00
PSE 464413/1	105	118	25.00
PSE 472413/1	105	120	34.00
PSE 492413/1	105	125	30.00
PSE 511433/1	110	130	32.50
PSE 519433/1	110	132	36.50
PSE 511452/1	115	130	30.00
PSE 551472/1	120	140	30.00
PSE 570492/1	125	145	29.62
PSE 590511/1	130	150	28.00
PSE 610531/1	135	155	28.00
PSE 629551	140	160	19.00
PSE 629551/1	140	160	28.00
PSE 629551/2	140	160	30.00
PSE 669590/1	150	170	28.00
PSE 688610/1	155	175	28.00
PSE 708624/1	i58.e	180	
PSE 708629/1	160	180	28.00
PSE 729649/1	165	185	30.00
PSE 767669/1	170	195	35.00
PSE 787688/1	175	200	35.00
PSE 807708/1	180	205	35.00
PSE 826728/1	185	210	35.00
PSE 846748/1	190	215	35.00
PSE 866767/1	195	220	35.00

Part No	SIZE		
	d	D	H
PSE 885787/1	200	225	35.00
PSE 925728	210	235	30.00
PSE 944846/1	215	240	35.00
PSE 964866/1	220	245	35.00
PSE 984886/1	225	250	35.00
PSE 1003905/1	230	255	35.00
PSE 1043945/1	240	265	35.00
PSE 1082984/1	250	275	35.00
PSE 11411043/1	265	290	35.00
PSE 11811082/1	275	300	35.00
PSE 12011102/1	280	305	35.00
PSE 12791181/1	300	325	35.00
PSE 14171318/1	335	360	35.00
PSE/K 118071	18	30	22.50
PSE/K 146093	25	37	22.50
PSE/K 334275	70	85	22.50
PSE/K 366307	78	93	19.00
PSE/K 374314	80	95	22.50
PSE/K 386326	83	98	22.50
PSE/K 393334	85	100	22.50
PSE/K 393346	88	100	20.00
PSE/K 413354	90	105	22.50
PSE/K 433374	95	110	22.50
PSE/K 452393	100	115	22.50
PSE/K 492433	110	125	22.50
PSE/K 511452	115	130	22.50
PSE/K 523464	118	133	22.50
PSE/K 543464	118	138	22.50
PSE/K 531472	120	135	22.50
PSE/K 539480	122	137	22.50
PSE/K 551492	125	140	22.50
PSE/K 554492	127	142	22.50
PSE/K 567519	132	144	20.00
PSE/K 590531	135	150	22.50
PSE/K 610551	140	155	22.50
PSE/K 529551	140	160	22.50
PSE/K 629570	145	160	28.50
PSE/K 649570	145	165	22.50
PSE/K 649590	150	165	22.50
PSE/K 657593	152	167	22.50
PSE/K 688610	155	175	22.50
PSE/K 708624	158上	180	28.00
PSE/K 728669	170	185	22.50
PSE/K 756677	172	192	22.50
PSE/K 767688	175	195	22.50
PSE/K 767688/1	175	195	30.00
PSE/K 756697	177	192	22.50
PSE/K 767708	180	195	22.50
PSE/K 787728	185	200	22.50
PSE/K 795736	187	202	22.50
PSE/K 815736	187	207	22.50
PSE/K 827756	192	210	22.50
PSE/K 827767	195	210	22.50
PSE/K 834767	195	212	22.50
PSE/K 846787	200	215	22.50
PSE/K 894815	207	227	22.50
PSE/K 886815	207	225	22.50
PSE/K 905827	210	230	22.50

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>H</i>
PSE/K 905834	212	230	22.50
PSE/K 913834	212	232	22.50
PSE/K 945866	220	240	22.50
PSE/K 945886	225	240	22.50
PSE/K 952893	227	242	22.50
PSE/K 984905	230	250	22.50
PSE/K 1004925	235	255	22.50
PSE/K 1024945	240	260	28.00
PSE/K 11021024	260	280	22.50
PSE/K 11221043	265	285	22.50
PSE/K 11931114	283	303	22.50
PSE/K 12131134	288	308	22.50
PSE/K 13141240	315	335	30.50



SEAL INFORMATION	
Material	NBR / PTFE
Temperature range	-30~100°C
Max pressure	≤ 30 MPa
Max speed	≤ 1 m/s
Application	Rod



Part No.	SIZE		
	d	D	H
OER-8	8	12.9	2.2
OER-10	10	14.9	2.2
OER-12	12	16.9	2.2
OER-14	14	18.9	2.2
OER-15	15	19.9	2.2
OER-16	16	20.9	2.2
OER-18	18	22.9	2.2
OER-20	20	27.5	3.2
OER-22	22	29.5	3.2
OER-25	25	32.5	3.2
OER-26	26	33.5	3.2
OER-28	28	35.5	3.2

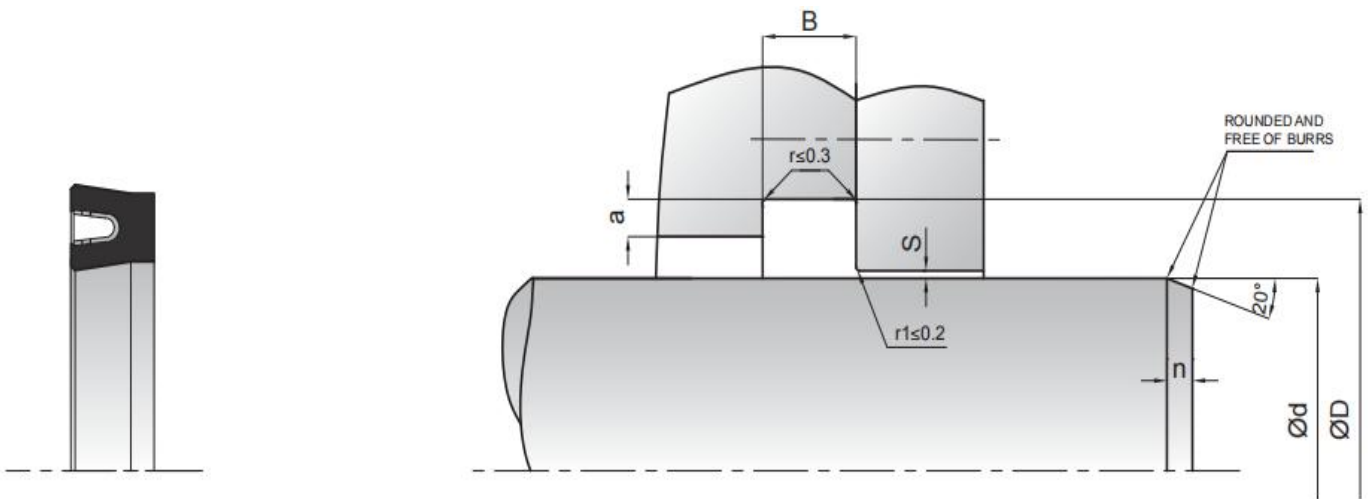
Part No.	SIZE		
	d	D	H
OER-30	30	37.5	3.2
OER-32	32	39.5	3.2
OER-35	35	42.5	3.2
OER-36	36	43.5	3.2
OER-38	38	49	4.2
OER-40	40	51	4.2
OER-42	42	53	4.2
OER-45	45	56	4.2
OER-48	48	59	4.2
OER-50	50	61	4.2
OER-52	52	63	4.2
OER-55	55	66	4.2

Part No.	SIZE		
	d	D	H
OER-56	56	67	4.2
OER-58	58	69	4.2
OER-60	60	71	4.2
OER-63	63	74	4.2
OER-65	65	76	4.2
OER-70	70	81	4.2
OER-75	75	86	4.2
OER-80	80	91	4.2
OER-85	85	96	4.2
OER-90	90	101	4.2
OER-95	95	106	4.2
OER-100	100	111	4.2

Part No.	SIZE		
	d	D	H
OER-105	105	116	4.2
OER-110	110	121	4.2
OER-115	115	126	4.2
OER-120	120	131	4.2
OER-125	125	136	4.2
OER-130	130	141	4.2
OER-135	135	146	4.2
OER-140	140	151	4.2
OER-145	145	156	4.2
OER-150	150	161	4.2
OER-155	155	166	4.2
OER-160	160	171	4.2
OER-165	165	176	4.2
OER-170	170	181	4.2
OER-175	175	186	4.2
OER-180	180	191	4.2
OER-190	190	201	4.2
OER-200	200	215.5	6.3
OER-210	210	225.5	6.3
OER-220	220	235.5	6.3
OER-230	230	245.5	6.3
OER-240	240	255.5	6.3
OER-250	250	265.5	6.3
OER-280	280	301	8.1
OER-290	290	311	8.1
OER-300	300	321	8.1
OER-310	310	331	8.1
OER-320	320	341	8.1
OER-330	330	351	8.1
OER-340	340	361	8.1
OER-350	350	371	8.1
OER-360	360	381	8.1
OER-370	370	391	8.1
OER-380	380	401	8.1
OER-390	390	411	8.1
OER-400	400	421	8.1
OER-410	410	431	8.1
OER-420	420	441	8.1
OER-430	430	451	8.1
OER-440	440	461	8.1
OER-450	450	471	8.1
OER-460	460	481	8.1
OER-470	470	491	8.1
OER-480	480	501	8.1
OER-490	490	511	8.1
OER-500	500	521	8.1
OER-510	510	531	8.1
OER-520	520	541	8.1
OER-530	530	551	8.1
OER-540	540	561	8.1
OER-550	550	571	8.1
OER-560	560	581	8.1
OER-600	600	621	8.1
OER-610	610	631	8.1
OER-620	620	641	8.1
OER-630	630	651	8.1



SEAL INFORMATION	
Material	PTFE
Temperature range	-150~250°C
Max pressure	≤ 350 bar
Max speed	≤ 15 m/s
Application	Rod

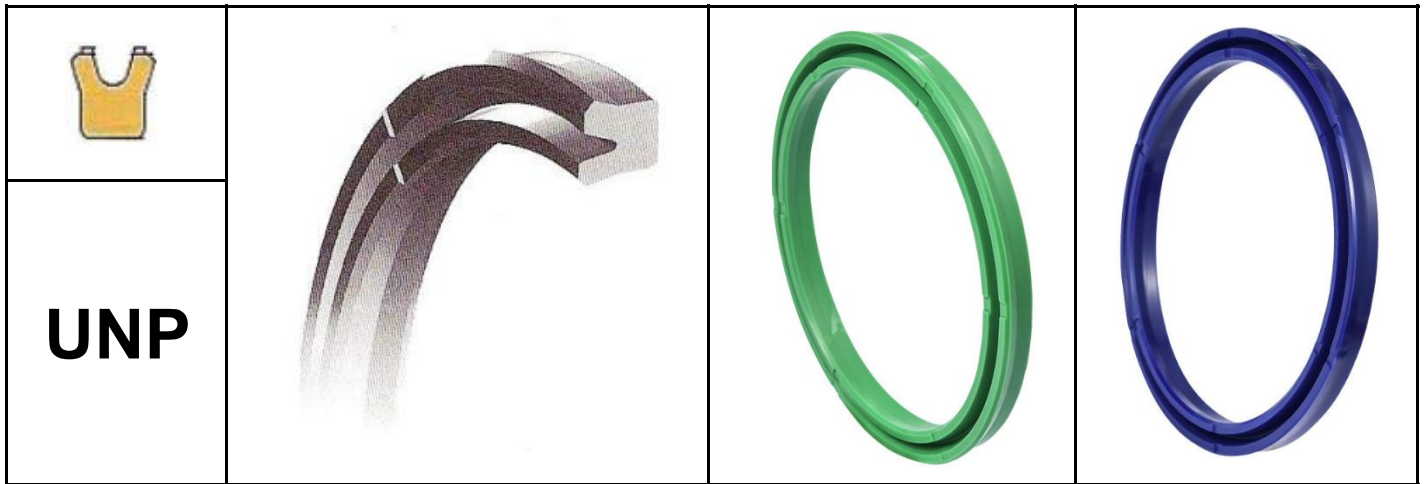


Part No.	SIZE		
	d	D	B
RVA-3	3	5.9	2.4
RVA-4	4	6.9	2.4
RVA-5	5	7.9	2.4
RVA-6	6	8.9	2.4
RVA-8	8	10.9	2.4
RVA-10	10	14.5	3.6
RVA-12	12	16.5	3.6
RVA-14	14	18.5	3.6
RVA-15	15	19.5	3.6
RVA-16	16	20.5	3.6
RVA-18	18	22.5	3.6
RVA-20	20	26.5	4.8

Part No.	SIZE		
	d	D	B
RVA-22	22	28.2	4.8
RVA-25	25	31.2	4.8
RVA-28	28	34.2	4.8
RVA-30	30	36.2	4.8
RVA-32	32	38.2	4.8
RVA-35	35	41.2	4.8
RVA-36	36	42.2	4.8
RVA-40	40	49.4	7.1
RVA-42	42	51.4	7.1
RVA-45	45	54.4	7.1
RVA-48	48	57.4	7.1
RVA-50	50	59.4	7.1

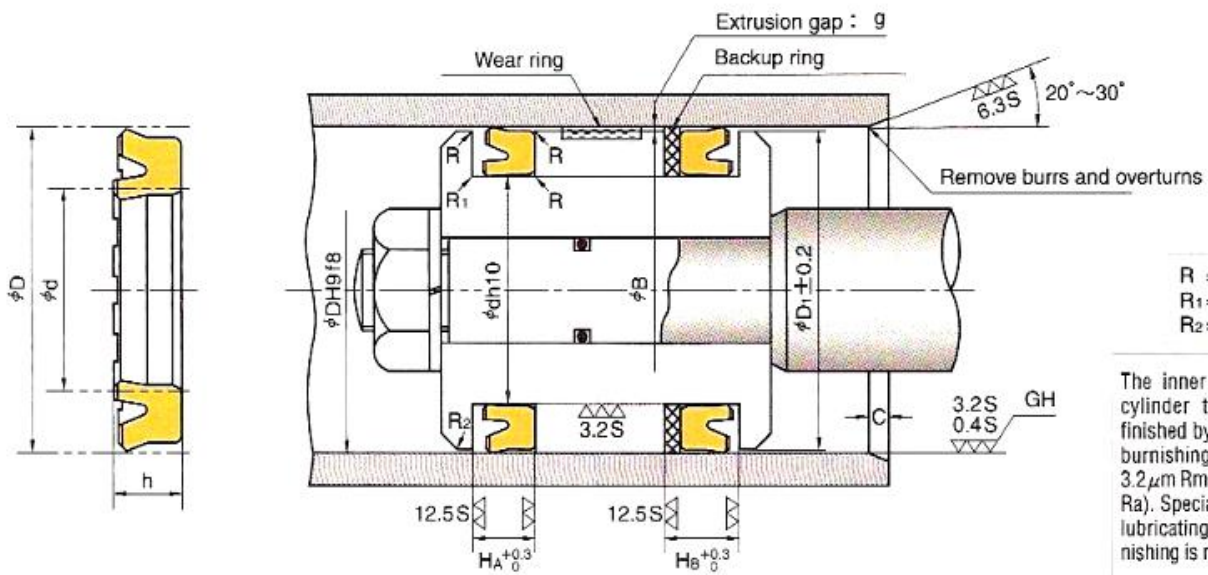
Part No.	SIZE		
	d	D	B
RVA-52	52	61.4	7.1
RVA-55	55	64.4	7.1
RVA-56	56	65.4	7.1
RVA-60	60	69.4	7.1
RVA-63	63	72.4	7.1
RVA-65	65	74.4	7.1
RVA-70	70	79.4	7.1
RVA-75	75	84.4	7.1
RVA-80	80	89.4	7.1
RVA-85	85	94.4	7.1
RVA-90	90	99.4	7.1
RVA-95	95	104.4	7.1

Part No.	SIZE		
	d	D	B
RVA-100	100	109.4	7.1
RVA-105	105	114.4	7.1
RVA-110	110	119.4	7.1
RVA-115	115	124.4	7.1
RVA-120	120	132.2	9.5
RVA-125	125	137.2	9.5
RVA-130	130	142.2	9.5
RVA-135	135	147.2	9.5
RVA-140	140	152.2	9.5
RVA-150	150	162.2	9.5
RVA-160	160	172.2	9.5
RVA-170	170	182.2	9.5
RVA-180	180	192.2	9.5
RVA-190	190	202.2	9.5
RVA-200	200	212.2	9.5
RVA-210	210	222.2	9.5
RVA-220	220	232.2	9.5
RVA-230	230	242.2	9.5
RVA-240	240	252.2	9.5
RVA-250	250	262.2	9.5
RVA-280	280	292.2	9.5
RVA-300	300	312.2	9.5
RVA-320	320	332.2	9.5
RVA-350	350	362.2	9.5
RVA-360	360	372.2	9.5
RVA-400	400	412.2	9.5



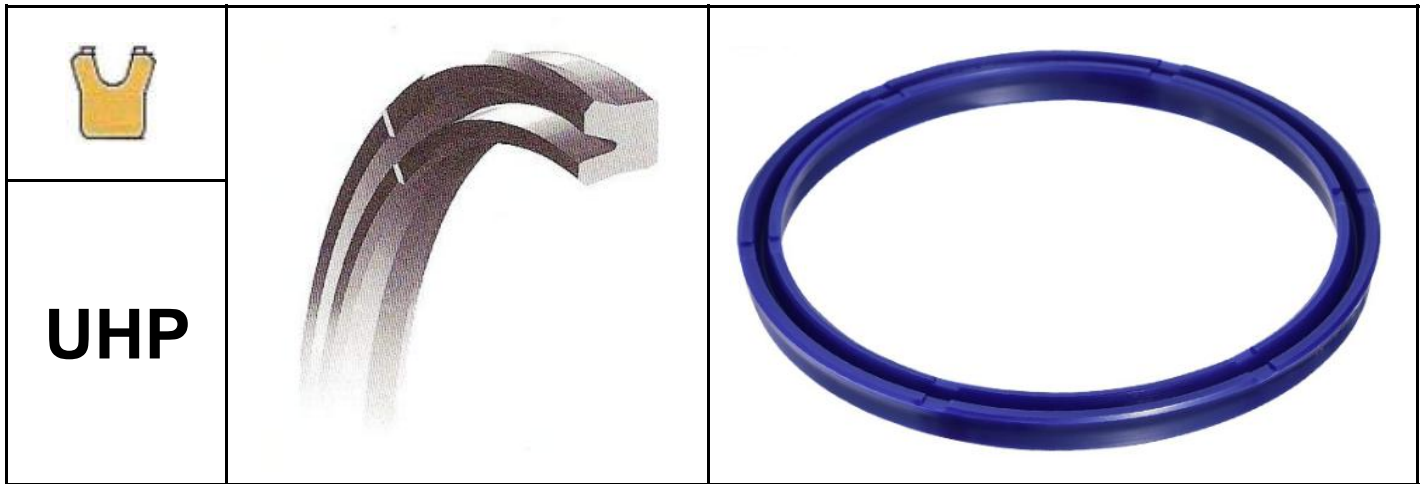
UNP

SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max pressure	≤ 31.5 MPa
Max speed	≤ 1 m/s
Application	Piston



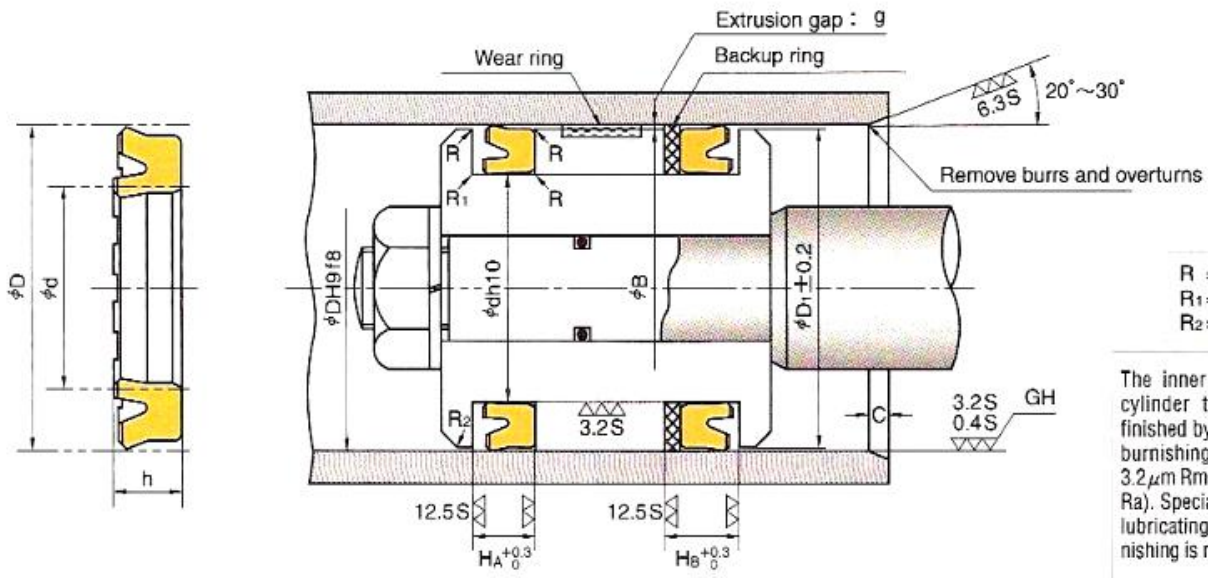
Part No.	SIZE		
	d	D	h
UNP-180	180	155	16
UNP-190	190	165	16
UNP-200	200	175	16
UNP-205	205	180	16
UNP-210	210	185	16
UNP-215	215	190	16
UNP-224	224	199	16
UNP-237	237	212	19
UNP-250	250	225	19
UNP-261	261	236	19
UNP-275	275	250	19
UNP-280	280	255	19

Part No.	SIZE		
	d	D	h
UNP-295	295	265	19
UNP-300	300	270	19
UNP-310	310	280	19
UNP-330	330	300	19



UHP

SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max pressure	≤ 31.5 MPa
Max speed	≤ 1 m/s
Application	Piston



R =0.3 or below
 R₁=0.5 or below
 R₂=1 or below

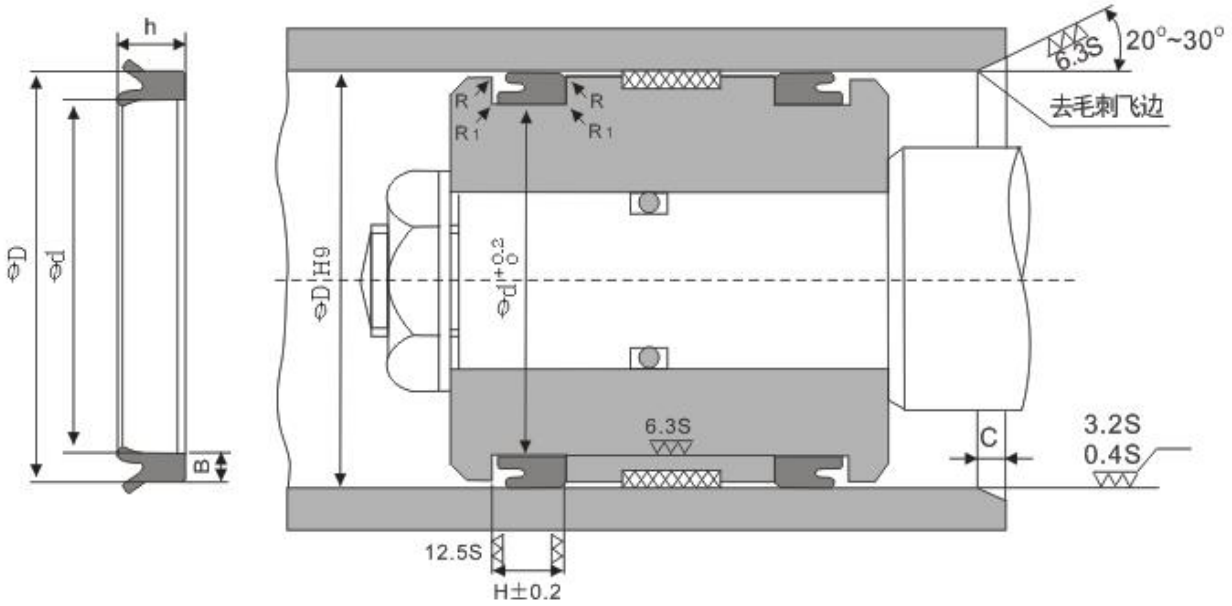
The inner surface of the cylinder tube should be finished by honing (GH) or burnishing (RLB) to 0.4 to 3.2 μm Rmax (0.1 to 0.8 μm Ra). Specially under severe lubricating condition, burnishing is required.

Part No.	SIZE		
	d	D	h
UHP-40	30	40	6.5
UHP-50	40	50	6.5
UHP-63	52	63	6.5
UHP-80	71	80	6.5
UHP-90	80	90	6.5
UHP-100	85	100	9.5
UHP-110	95	110	9.5
UHP-125	112	125	9.0
UHP-140	125	140	9.5
UHP-150	136	150	9.0
UHP-160	145	160	9.5
UHP-180	165	180	9.5

Part No.	SIZE		
	d	D	h
UHP-200	180	200	12.5
UHP-220	200	220	12.5
UHP-224	204	224	12.5
UHP-250	230	250	12.5



SEAL INFORMATION	
Material	NBR / FKM
Temperature range	-30~230°C
Max pressure	≤ 1.6 MPa
Max speed	≤ 0.5 m/s
Application	Rod

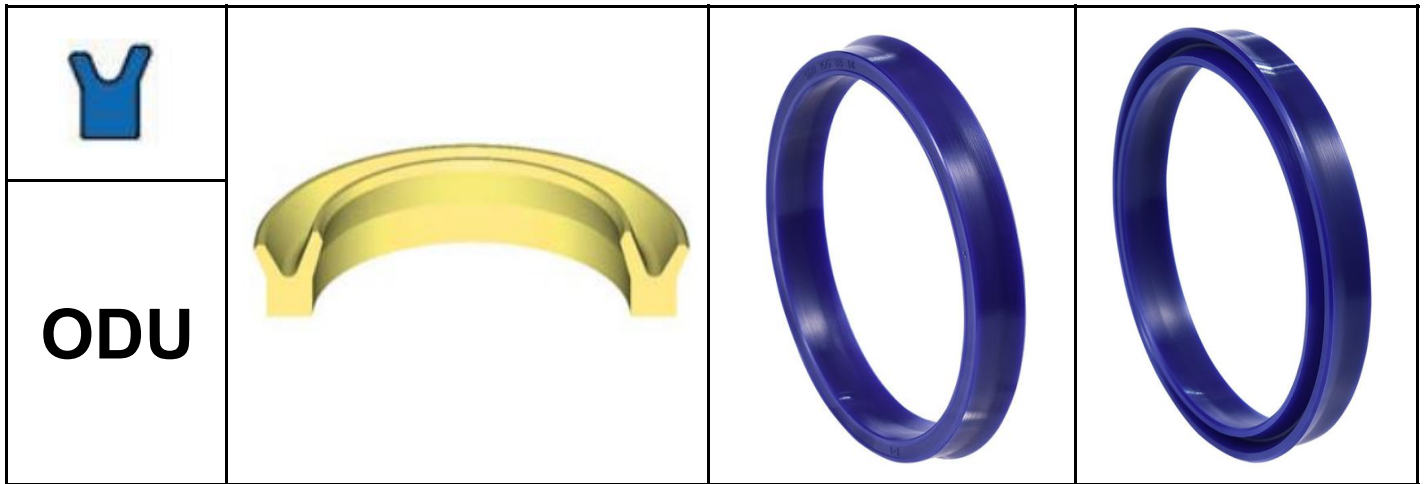


Part No.	SIZE		
	d	D	h
QYD-14	14	6	8
QYD-16	16	8	8
QYD-16A	16	8	6
QYD-18	18	10	8
QYD-20	20	12	8
QYD-20A	20	12	6
QYD-12B	20	14	8
QYD-22	22	14	8
QYD-22A	22	14	6
QYD-25	25	17	8
QYD-25A	25	17	6
QYD-25C	25	19	8

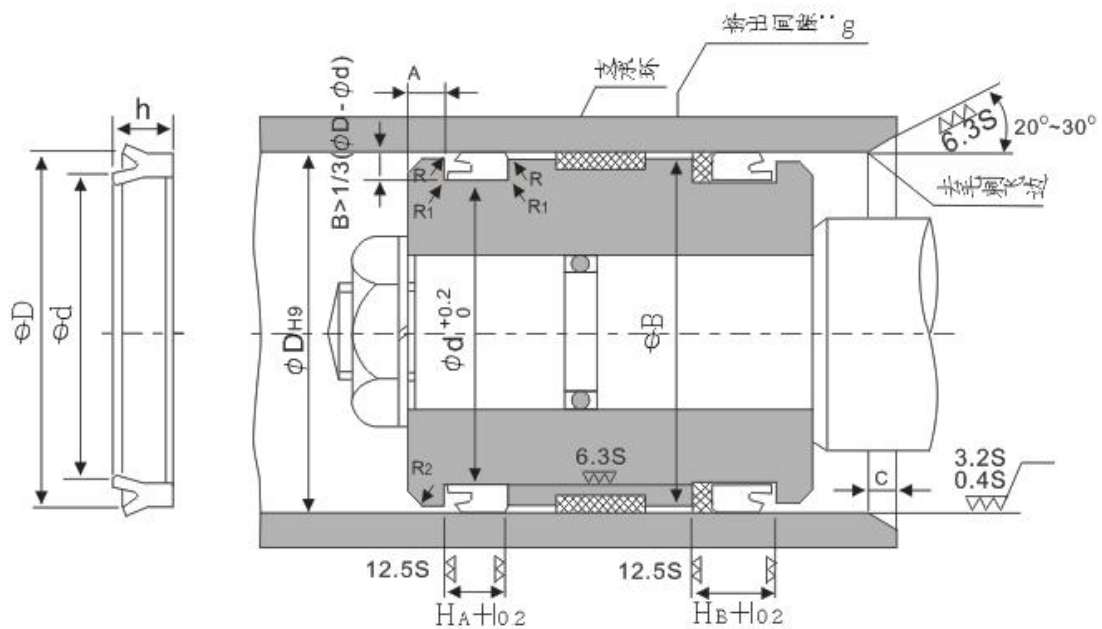
Part No.	SIZE		
	d	D	h
QYD-25B	25	21	4
QYD-28	28	20	8
QYD-30	30	22	8
QYD-32	32	24	8
QYD-35	35	27	8
QYD-36	36	28	8
QYD-40	40	32	8
QYD-45	45	37	8
QYD-50	50	42	8
QYD-55	55	47	8
QYD-56	56	48	8
QYD-60	60	48	12

Part No.	SIZE		
	d	D	h
QYD-60A	60	50	12
QYD-63	63	51	12
QYD-63A	63	53	12
QYD-63B	63	53	7
QYD-65	65	53	12
QYD-65A	65	55	12
QYD-70	70	58	12
QYD-70A	70	60	12
QYD-75	75	63	12
QYD-75A	75	65	12
QYD-80	80	68	12
QYD-80A	80	70	12

Part No.	SIZE		
	d	D	h
QYD-80B	80	68	8
QYD-90	90	78	12
QYD-90A	90	80	12
QYD-100	100	88	12
QYD-100A	100	90	12
QYD-110	110	98	12
QYD-110A	110	100	12
QYD-120	120	108	12
QYD-120A	120	110	12
QYD-125	125	113	12
QYD-125A	125	115	12
QYD-130	130	118	12
QYD-130A	130	120	12
QYD-140	140	128	12
QYD-140A	140	130	12
QYD-150	150	138	12
QYD-150A	150	140	12
QYD-160	160	148	12
QYD-160A	160	150	12
QYD-170	170	154	16
QYD-170A	170	155	16
QYD-180	180	164	16
QYD-180A	180	165	16
QYD-190	190	174	16
QYD-190A	190	175	16
QYD-198	198	188	11.5
QYD-200	200	184	16
QYD-200A	200	185	16
QYD-210	210	194	16
QYD-210A	210	195	16
QYD-220	220	204	16
QYD-220A	220	205	16
QYD-240	240	224	16
QYD-240A	240	225	16
QYD-250	250	234	16
QYD-250A	250	235	16
QYD-280	280	264	16
QYD-280A	280	265	16
QYD-300	300	284	16
QYD-300A	300	285	16
QYD-320	320	304	16
QYD-320A	320	305	16
QYD-340	340	320	20
QYD-360	360	340	20
QYD-380	380	360	20
QYD-400	400	380	20
QYD-420	420	400	20
QYD-450	450	430	20
QYD-480	480	460	20
QYD-500	500	480	20
QYD-560	560	540	20
QYD-600	600	580	20
QYD-630	630	610	20



SEAL INFORMATION	
Material	PU / NBR / FKM
Temperature range	-20~100°C
Max pressure	≤ 32 MPa
Max speed	≤ 0.5 m/s
Application	Rod



Part No.	SIZE		
	d	D	h
ODU-16	16	10	8
ODU-16	16	10	4
ODU-20	20	14	6.5
ODU-20	20	14	8
ODU-22	22	16	8
ODU-25	25	19	8
ODU-28	28	22	8
ODU-30	30	22	10
ODU-32	32	24	10
ODU-35	35	27	10
ODU-36	36	28	10
ODU-40	40	32	10

Part No.	SIZE		
	d	D	h
ODU-45	45	37	10
ODU-50	50	42	10
ODU-55	55	43	14
ODU-55	55	47	7
ODU-55	55	47	10
ODU-56	56	48	10
ODU-56	56	44	14
ODU-60	60	48	14
ODU-63	63	51	14
ODU-65	65	53	14
ODU-70	70	58	14
ODU-75	75	63	14

Part No.	SIZE		
	d	D	h
ODU-80	80	68	14
ODU-85	85	73	14
ODU-90	90	78	14
ODU-95	95	83	14
ODU-100	100	85	9.5
ODU-100	100	88	9.5
ODU-100	100	88	14
ODU-100	100	88	18
ODU-105	105	89	18
ODU-105	105	93	14
ODU-110	110	90	16
ODU-110	110	94	18

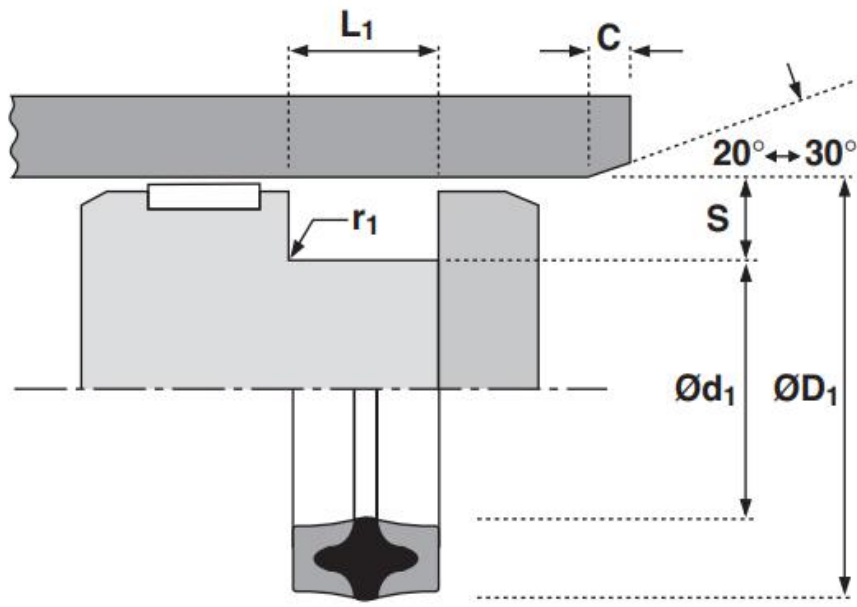
Part No.	SIZE		
	d	D	SL
ODU-110	110	98	14
ODU-115	115	103	14
ODU-115	115	99	18
ODU-120	120	104	18
ODU-120	120	108	14
ODU-125	125	109	10
ODU-125	125	113	14
ODU-130	130	114	18
ODU-130	130	118	14
ODU-135	135	119	18
ODU-140	140	124	18
ODU-140	140	128	14
ODU-145	145	129	18
ODU-150	150	134	18
ODU-150	150	138	14
ODU-155	155	139	10
ODU-158	158	140	7
ODU-160	160	144	18
ODU-160	160	148	14
ODU-165	165	149	18
ODU-170	170	154	18
ODU-175	175	159	18
ODU-180	180	164	1B
ODU-190	190	174	18
ODU-195	195	179	18
ODU-200	200	184	12
ODU-200	200	184	18
ODU-210	210	194	18
ODU-220	220	204	18
ODU-225	225	209	18
ODU-230	230	214	14
ODU-230	230	214	18
ODU-240	240	217	15.5
ODU-240	240	228	14
ODU-240	240	224	18
ODU-242	242	217	15.5
ODU-250	250	234	18
ODU-260	260	244	18
ODU-265	265	249	18
ODU-270	270	254	18
ODU-275	275	259	18
ODU-280	280	264	18
ODU-290	290	274	18
ODU-300	300	284	18
ODU-305	305	289	18
ODU-310	310	286	24
ODU-320	320	296	24
ODU-330	330	306	24
ODU-340	340	316	24
ODU-350	350	326	24
ODU-360	360	336	24
ODU-370	370	346	24
ODU-380	380	356	24
ODU-400	400	376	24
ODU-420	420	396	24
ODU-450*	450	426	24
ODU-480*	480	456	24
ODU-500*	500	476	24

Part No.	SIZE		
	d	D	SL
ODU-520*	520	496	24
ODU-530*	530	506	24
ODU-550*	550	525	14
ODU-560*	560	536	24
ODU-580*	580	556	24
ODU-600*	600	576	24
ODU-630*	630	606	24
ODU-64Q*	640	616	24
ODU-650*	650	626	24
ODU-700*	700	676	24
ODU-730*	730	706	24
ODU-770*	770	746	24



D56

SEAL INFORMATION	
Material	NBR / Cotton Fabric
Temperature range	-30~100°C
Max pressure	≤ 40 MPa
Max speed	≤ 0.5 m/s
Application	Rod



Part No.	SIZE		
	d	D	L1
D56-30	30	20	12.5
D56-30A	30	22	10
D56-32	32	17	19
D56-32A	32	22	12.5
D56-34	34	19	19
D56-35	35	20	19
D56-37	37	22	19
D56-38	38	23	19
D56-40	40	25	19
D56-42	42	27	19
D56-43	43	28	19
D56-45	45	26	25

Part No.	SIZE		
	d	D	L1
D56-45A	45	30	19
D56-47	47	32	19
D56-50	50	30	25
D56-50A	50	35	19
D56-51	51	36	19
D56-53	53	38	19
D56-55	55	40	19
D56-56	56	41	19
D56-57	57	42	19
D56-60	60	40	25
D56-60A	60	45	19
D56-63	63	43	25

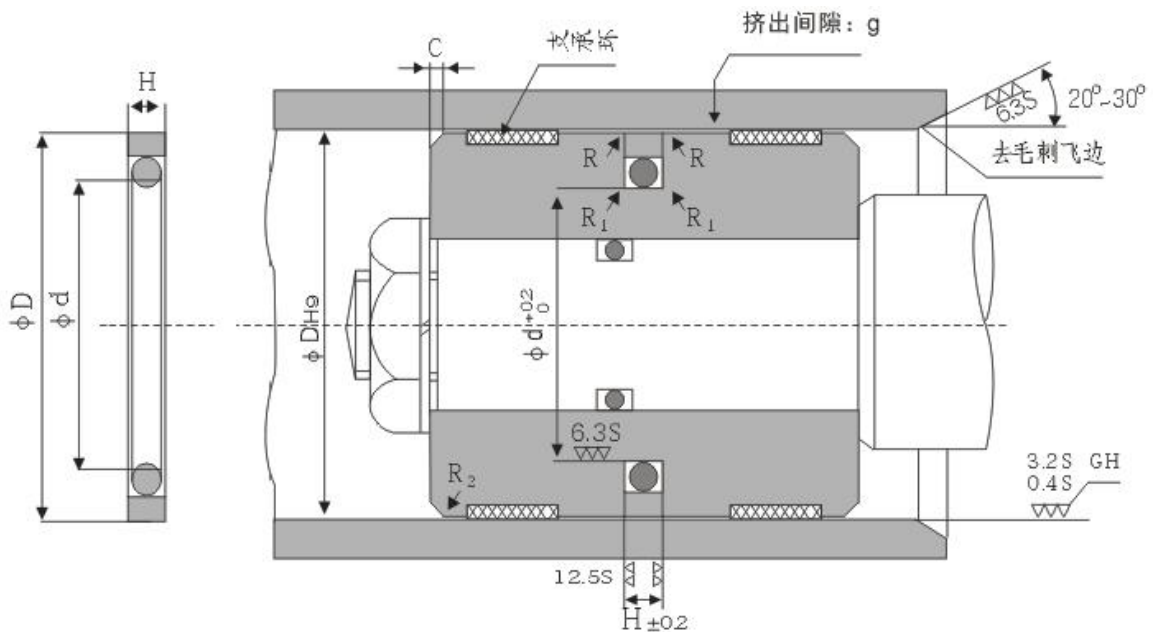
Part No.	SIZE		
	d	D	L1
D56-63A	63	48	19
D56-63.5	63.5	47.63	19.05
D56-65	65	50	19
D56-70	70	50	25
D56-73	73	53	25
D56-75	75	55	25
D56-76	76	56	25
D56-80A	80	60	22
D56-80	80	60	25
D56-83	83	63	25
D56-85	85	65	25
D56-88.9	88.9	68.85	26

Part No.	SIZE		
	d	D	L1
D56-90	90	70	25
D56-95	95	75	25
D56-100	100	75	20
D56-100A	100	80	25
D56-127	127	101.6	31.75
D56-105	105	80	32
D56-105A	105	85	25
D56-110	110	85	16
D56-110A	110	85	19
D56-110B	110	90	25
D56-115	115	95	25
D56-120	120	100	25
D56-125	125	100	19
D56-125A	125	100	32
D56-125B	125	105	25
D56-130	130	105	19
D56-140	140	105	19
D56-140A	140	115	32
D56-140B	140	120	25
D56-140C	140	115	25
D56-140D	140	105	19
D56-145A	145	120	25
D56-145	145	120	32
D56-150	150	120	38
D56-150A	150	125	19
D56-150B	150	125	32
D56-150C	150	130	25
D56-155	155	130	32
D56-160	160	130	19
D56-160A	160	135	32
D56-160B	160	140	25
D56-160C	160	140	32
D56-165	165	140	32
D56-170	170	140	19
D56-170A	170	145	32
D56-170B	170	150	25
D56-175	175	150	32
D56-177.8	177.8	152.4	31.75
D56-180	180	150	29
D56-180A	180	150	38
D56-180B	180	160	25
D56-190	190	160	36
D56-200	200	170	28
D56-200A	200	170	38
D56-200B	200	175	32
D56-203.2	203.2	177.8	25.4
D56-210	210	180	25.4
D56-210A	210	180	36
D56-215	215	185	38
D56-220	220	190	36
D56-220A	220	200	25
D56-228.6	228.6	196.3	41.3
D56-230	230	200	38
D56-240	240	205	42
D56-240A	240	210	38
D56-250	250	220	38
D56-260	260	230	38
D56-270	270	240	38

Part No.	SIZE		
	d	D	L1
D56-280	280	250	38
D56-290	290	260	38
D56-300	300	270	38
D56-310	310	280	38
D56-320	320	280	45
D56-320A	320	290	38
D56-330	330	300	38
D56-344.5	344.5	311.5	28
D56-360	360	320	45
D56-400	400	360	45
D56-420	420	380	45
D56-460	460	420	45
D56-480	480	440	45
D56-480A	480	450	30
D56-500	500	460	45
D56-540	540	500	45
D56-580	580	540	45



SEAL INFORMATION	
Material	NBR / PTFE
Temperature range	-30~100℃
Max pressure	≤ 40 MPa
Max speed	≤ 4 m/s
Application	Rod



Part No.	SIZE		
	d	D	H
SPGO	8	3.1	2.2
SPGO	10	5.1	2.2
SPGO	10	2.5	3.2
SPGO	12	7.1	2.2
SPGO	12	4.5	3.2
SPGO	14	9.1	2.2
SPGO	14	6.5	3.2
SPGO	15	7.5	3.2
SPGO	15	10.1	2.2
SPGO	16	8.5	3.2
SPGO	16	11.1	2.2
SPGO	18	10.5	3.2

Part No.	SIZE		
	d	D	H
SPGO	18	13.1	2.2
SPGO	20	12.5	3.2
SPGO	20	15.1	2.2
SPGO	22	14.5	3.2
SPGO	22	17.1	2.2
SPGO	22	11	4.2
SPGO	24	16.5	3.2
SPGO	24	19.1	2.2
SPGO	25	17.5	3.2
SPGO	25	14	4.2
SPGO	25	20.1	2.2
SPGO	26	18.5	3.2

Part No.	SIZE		
	d	D	H
SPGO	28	20.5	3.2
SPGO	28	23.1	2.2
SPGO	28	17	4.2
SPGO	30	22.5	3.2
SPGO	30	19	4.2
SPGO	31.7	24.2	3.2
SPGO	32	24.5	3.2
SPGO	32	21	4.2
SPGO	35	27.5	3.2
SPGO	35	24	4.2
SPGO	36	28.5	3.2
SPGO	36	25	4.2

Part No.	SIZE		
	d	D	H
SPGO	38	30.5	3.2
SPGO	38	27	4.2
SPGO	39	31.5	3.2
SPGO	39	28	4.2
SPGO	40	29	4.2
SPGO	40	32.5	3.2
SPGO	40	24.5	6.3
SPGO	42	31	4.2
SPGO	42	34.5	3.2
SPGO	44.5	33.5	4.2
SPGO	45	34	4.2
SPGO	45	37.5	3.2
SPGO	45	29.5	6.3
SPGO	48	37	4.2
SPGO	48	40.5	3.2
SPGO	48	32.5	6.3
SPGO	50	39	4.2
SPGO	50	42.5	3.2
SPGO	50	34.5	6.3
SPGO	50.8	39.6	4.2
SPGO	52	41	4.2
SPGO	52	36.5	6.3
SPGO	55	44	4.2
SPGO	55	39.5	6.3
SPGO	56	45	4.2
SPGO	56	40.5	6.3
SPGO	57.1	46.1	4.2
SPGO	60	49	4.2
SPGO	60	44.5	6.3
SPGO	63	52	4.2
SPGO	63	47.5	6.3
SPGO	63.5	52.5	4.2
SPGO	64	53	4.2
SPGO	64	48.5	6.3
SPGO	65	54	4.2
SPGO	65	49.5	6.3
SPGO	69.6	58.8	4.2
SPGO	70	59	4.2
SPGO	70	54.5	6.3
SPGO	75	64	4.2
SPGO	75	54	8.1
SPGO	76.2	65.2	4.2
SPGO	80	64.5	6.3
SPGO	80	59	8.1
SPGO	80	69	4.2
SPGO	82.5	67	6.3
SPGO	85	69.5	6.3
SPGO	85	64	8.1
SPGO	85	74	4.2
SPGO	89	73.5	6.3
SPGO	90	74.5	6.3
SPGO	90	69	8.1
SPGO	90	79	4.2
SPGO	95	79.5	6.3
SPGO	95	74	8.1
SPGO	95	84	4.2
SPGO	100	84.5	6.3
SPGO	100	79	8.1

Part No.	SIZE		
	d	D	H
SPGO	100	89	4.2
SPGO	101.6	86.1	6.3
SPGO	105	89.5	6.3
SPGO	105	84	8.1
SPGO	105	94	4.2
SPGO	110	94.5	6.3
SPGO	110	89	8.1
SPGO	110	99	4.2
SPGO	115	99.5	6.3
SPGO	115	94	8.1
SPGO	115	104	4.2
SPGO	120	104.5	6.3
SPGO	120	99	8.1
SPGO	120	109	4.2
SPGO	125	109.5	6.3
SPGO	125	104	8.1
SPGO	125	114	4.2
SPGO	130	114.5	6.3
SPGO	130	109	8.1
SPGO	130	119	4.2
SPGO	132	116.5	6.3
SPGO	133	112	8.1
SPGO	135	114	8.1
SPGO	135	119.5	6.3
SPGO	140	119	8.1
SPGO	140	124.5	6.3
SPGO	145	124	8.1
SPGO	145	129.5	6.3
SPGO	150	129	8.1
SPGO	150	134.5	6.3
SPGO	155	134	8.1
SPGO	155	139.5	6.3
SPGO	160	139	8.1
SPGO	160	144.5	6.3
SPGO	165	144	8.1
SPGO	165	149.5	6.3
SPGO	170	149	8.1
SPGO	170	154.5	6.3
SPGO	175	154	8.1
SPGO	175	159.5	6.3
SPGO	160	159	8.1
SPGO	180	164.5	6.3
SPGO	185	164	8.1
SPGO	185	169.5	6.3
SPGO	190	169	8.1
SPGO	190	174.5	6.3
SPGO	195	174	8.1
SPGO	200	179	8.1
SPGO	200	184.5	6.3
SPGO	205	184	8.1
SPGO	210	189	8.1
SPGO	210	194.5	6.3
SPGO	215	194	8.1
SPGO	220	199	8.1
SPGO	225	204	8.1
SPGO	230	209	8.1
SPGO	240	219	8.1
SPGO	250	229	8.1

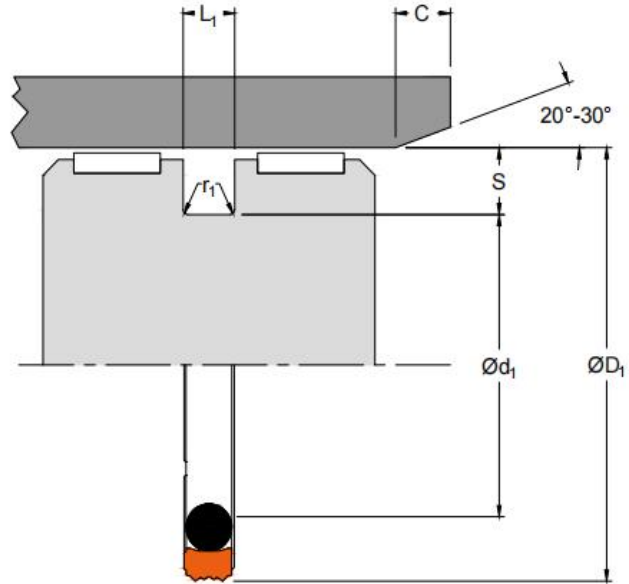
Part No.	SIZE		
	d	D	H
SPGO	255	234	8.1
SPGO	260	239	8.1
SPGO	270	249	8.1
SPGO	275	254	8.1
SPGO	280	259	8.1
SPGO	285	264	8.1
SPGO	290	269	8.1
SPGO	300	279	8.1
SPGO	310	289	8.1
SPGO	320	299	8.1
SPGO	330	305.5	8.1
SPGO	340	315.5	8.1
SPGO	350	325.5	8.1
SPGO	360	335.5	8.1
SPGO	370	345.5	8.1
SPGO	375	350.5	8.1
SPGO	380	355.5	8.1
SPGO	390	365.5	8.1
SPGO	400	375.5	8.1
SPGO	410	385.5	8.1
SPGO	420	395.5	8.1
SPGO	430	405.5	8.1
SPGO	435	410.5	8.1
SPGO	440	415.5	8.1
SPGO	450	425.5	8.1
SPGO	460	435.5	8.1
SPGO	470	445.5	8.1
SPGO	480	455.5	8.1
SPGO	490	465.5	8.1
SPGO	500	475.5	8.1
SPGO	510	485.5	8.1
SPGO	520	495.5	8.1
SPGO	530	505.5	8.1
SPGO	540	515.5	8.1
SPGO	550	525.5	8.1
SPGO	560	535.5	8.1
SPGO	570	545.5	8.1
SPGO	580	555.5	8.1
SPGO	590	565.5	8.1
SPGO	600	575.5	8.1
SPGO	610	585.5	8.1
SPGO	620	595.5	8.1
SPGO	630	605.5	8.1
SPGO	640	615.5	8.1
SPGO	650	625.5	8.1
SPGO	660	635.5	8.1
SPGO	670	642	9.5
SPGO	680	652	9.5
SPGO	690	662	9.5
SPGO	700	672	9.5
SPGO	710	682	9.5
SPGO	720	692	9.5
SPGO	730	702	9.5
SPGO	740	712	9.5
SPGO	750	722	9.5
SPGO	760	732	9.5
SPGO	770	742	9.5
SPGO	780	752	9.5

Part No.	SIZE		
	d	D	H
SPGO	790	762	9.5
SPGO	800	772	9.5
SPGO	810	782	9.5
SPGO	820	792	9.5
SPGO	830	802	9.5
SPGO	840	812	9.5
SPGO	850	822	9.5
SPGO	860	832	9.5
SPGO	870	842	9.5
SPGO	880	852	9.5
SPGO	890	862	9.5
SPGO	900	872	9.5
SPGO	1000	962	13.8
SPGO	1000	972	9.5
SPGO	1050	1022	9.5
SPGO	1065	1027	13.8
SPGO	1070	1032	13.8
SPGO	1200	1162	13.8
SPGO	1200	1172	9.5
SPGO	1225	1187	13.8
SPGO	1270	1242	9.5
SPGO	1400	1372	9.5
SPGO	1500	1462	13.8



SPGO
(PU)

SEAL INFORMATION	
Material	NBR / PTFE
Temperature range	-30~100°C
Max pressure	≤ 40 MPa
Max speed	≤ 4 m/s
Application	Rod



Part No.	SIZE		
	d	D	L ₁
SPGO	8	3.1	2.2
SPGO	10	5.1	2.2
SPGO	10	2.5	3.2
SPGO	12	7.1	2.2
SPGO	12	4.5	3.2
SPGO	14	9.1	2.2
SPGO	14	6.5	3.2
SPGO	15	7.5	3.2
SPGO	15	10.1	2.2
SPGO	16	8.5	3.2
SPGO	16	11.1	2.2
SPGO	18	10.5	3.2

Part No.	SIZE		
	d	D	L ₁
SPGO	18	13.1	2.2
SPGO	20	12.5	3.2
SPGO	20	15.1	2.2
SPGO	22	14.5	3.2
SPGO	22	17.1	2.2
SPGO	22	11	4.2
SPGO	24	16.5	3.2
SPGO	24	19.1	2.2
SPGO	25	17.5	3.2
SPGO	25	14	4.2
SPGO	25	20.1	2.2
SPGO	26	18.5	3.2

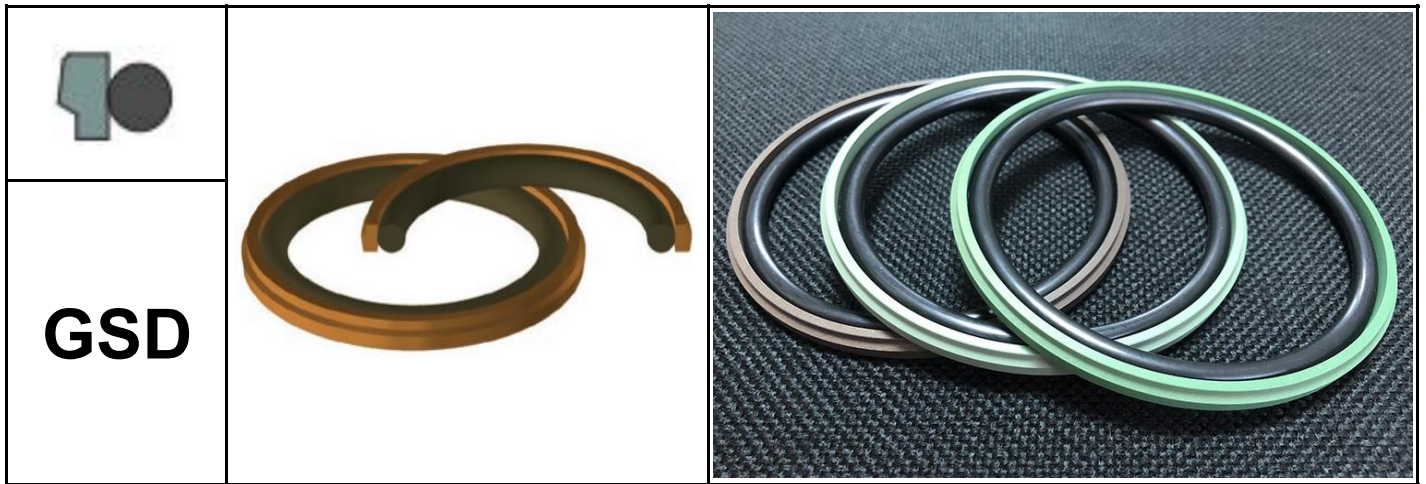
Part No.	SIZE		
	d	D	L ₁
SPGO	28	20.5	3.2
SPGO	28	23.1	2.2
SPGO	28	17	4.2
SPGO	30	22.5	3.2
SPGO	30	19	4.2
SPGO	31.7	24.2	3.2
SPGO	32	24.5	3.2
SPGO	32	21	4.2
SPGO	35	27.5	3.2
SPGO	35	24	4.2
SPGO	36	28.5	3.2
SPGO	36	25	4.2

Part No.	SIZE		
	d	D	L ₁
SPGO	38	30.5	3.2
SPGO	38	27	4.2
SPGO	39	31.5	3.2
SPGO	39	28	4.2
SPGO	40	29	4.2
SPGO	40	32.5	3.2
SPGO	40	24.5	6.3
SPGO	42	31	4.2
SPGO	42	34.5	3.2
SPGO	44.5	33.5	4.2
SPGO	45	34	4.2
SPGO	45	37.5	3.2
SPGO	45	29.5	6.3
SPGO	48	37	4.2
SPGO	48	40.5	3.2
SPGO	48	32.5	6.3
SPGO	50	39	4.2
SPGO	50	42.5	3.2
SPGO	50	34.5	6.3
SPGO	50.8	39.6	4.2
SPGO	52	41	4.2
SPGO	52	36.5	6.3
SPGO	55	44	4.2
SPGO	55	39.5	6.3
SPGO	56	45	4.2
SPGO	56	40.5	6.3
SPGO	57.1	46.1	4.2
SPGO	60	49	4.2
SPGO	60	44.5	6.3
SPGO	63	52	4.2
SPGO	63	47.5	6.3
SPGO	63.5	52.5	4.2
SPGO	64	53	4.2
SPGO	64	48.5	6.3
SPGO	65	54	4.2
SPGO	65	49.5	6.3
SPGO	69.6	58.8	4.2
SPGO	70	59	4.2
SPGO	70	54.5	6.3
SPGO	75	64	4.2
SPGO	75	54	8.1
SPGO	76.2	65.2	4.2
SPGO	80	64.5	6.3
SPGO	80	59	8.1
SPGO	80	69	4.2
SPGO	82.5	67	6.3
SPGO	85	69.5	6.3
SPGO	85	64	8.1
SPGO	85	74	4.2
SPGO	89	73.5	6.3
SPGO	90	74.5	6.3
SPGO	90	69	8.1
SPGO	90	79	4.2
SPGO	95	79.5	6.3
SPGO	95	74	8.1
SPGO	95	84	4.2
SPGO	100	84.5	6.3
SPGO	100	79	8.1

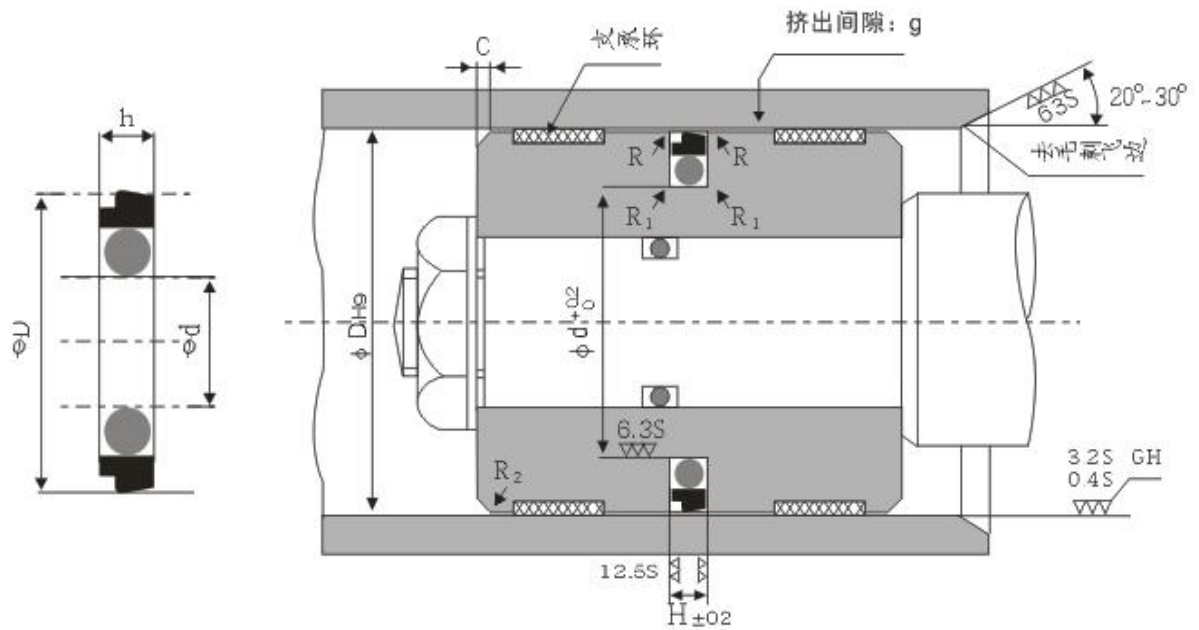
Part No.	SIZE		
	d	D	L ₁
SPGO	100	89	4.2
SPGO	101.6	86.1	6.3
SPGO	105	89.5	6.3
SPGO	105	84	8.1
SPGO	105	94	4.2
SPGO	110	94.5	6.3
SPGO	110	89	8.1
SPGO	110	99	4.2
SPGO	115	99.5	6.3
SPGO	115	94	8.1
SPGO	115	104	4.2
SPGO	120	104.5	6.3
SPGO	120	99	8.1
SPGO	120	109	4.2
SPGO	125	109.5	6.3
SPGO	125	104	8.1
SPGO	125	114	4.2
SPGO	130	114.5	6.3
SPGO	130	109	8.1
SPGO	130	119	4.2
SPGO	132	116.5	6.3
SPGO	133	112	8.1
SPGO	135	114	8.1
SPGO	135	119.5	6.3
SPGO	140	119	8.1
SPGO	140	124.5	6.3
SPGO	145	124	8.1
SPGO	145	129.5	6.3
SPGO	150	129	8.1
SPGO	150	134.5	6.3
SPGO	155	134	8.1
SPGO	155	139.5	6.3
SPGO	160	139	8.1
SPGO	160	144.5	6.3
SPGO	165	144	8.1
SPGO	165	149.5	6.3
SPGO	170	149	8.1
SPGO	170	154.5	6.3
SPGO	175	154	8.1
SPGO	175	159.5	6.3
SPGO	160	159	8.1
SPGO	180	164.5	6.3
SPGO	185	164	8.1
SPGO	185	169.5	6.3
SPGO	190	169	8.1
SPGO	190	174.5	6.3
SPGO	195	174	8.1
SPGO	200	179	8.1
SPGO	200	184.5	6.3
SPGO	205	184	8.1
SPGO	210	189	8.1
SPGO	210	194.5	6.3
SPGO	215	194	8.1
SPGO	220	199	8.1
SPGO	225	204	8.1
SPGO	230	209	8.1
SPGO	240	219	8.1
SPGO	250	229	8.1

Part No.	SIZE		
	d	D	L ₁
SPGO	255	234	8.1
SPGO	260	239	8.1
SPGO	270	249	8.1
SPGO	275	254	8.1
SPGO	280	259	8.1
SPGO	285	264	8.1
SPGO	290	269	8.1
SPGO	300	279	8.1
SPGO	310	289	8.1
SPGO	320	299	8.1
SPGO	330	305.5	8.1
SPGO	340	315.5	8.1
SPGO	350	325.5	8.1
SPGO	360	335.5	8.1
SPGO	370	345.5	8.1
SPGO	375	350.5	8.1
SPGO	380	355.5	8.1
SPGO	390	365.5	8.1
SPGO	400	375.5	8.1
SPGO	410	385.5	8.1
SPGO	420	395.5	8.1
SPGO	430	405.5	8.1
SPGO	435	410.5	8.1
SPGO	440	415.5	8.1
SPGO	450	425.5	8.1
SPGO	460	435.5	8.1
SPGO	470	445.5	8.1
SPGO	480	455.5	8.1
SPGO	490	465.5	8.1
SPGO	500	475.5	8.1
SPGO	510	485.5	8.1
SPGO	520	495.5	8.1
SPGO	530	505.5	8.1
SPGO	540	515.5	8.1
SPGO	550	525.5	8.1
SPGO	560	535.5	8.1
SPGO	570	545.5	8.1
SPGO	580	555.5	8.1
SPGO	590	565.5	8.1
SPGO	600	575.5	8.1
SPGO	610	585.5	8.1
SPGO	620	595.5	8.1
SPGO	630	605.5	8.1
SPGO	640	615.5	8.1
SPGO	650	625.5	8.1
SPGO	660	635.5	8.1
SPGO	670	642	9.5
SPGO	680	652	9.5
SPGO	690	662	9.5
SPGO	700	672	9.5
SPGO	710	682	9.5
SPGO	720	692	9.5
SPGO	730	702	9.5
SPGO	740	712	9.5
SPGO	750	722	9.5
SPGO	760	732	9.5
SPGO	770	742	9.5
SPGO	780	752	9.5

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>L₁</i>
SPGO	790	762	9.5
SPGO	800	772	9.5
SPGO	810	782	9.5
SPGO	820	792	9.5
SPGO	830	802	9.5
SPGO	840	812	9.5
SPGO	850	822	9.5
SPGO	860	832	9.5
SPGO	870	842	9.5
SPGO	880	852	9.5
SPGO	890	862	9.5
SPGO	900	872	9.5
SPGO	1000	962	13.8
SPGO	1000	972	9.5
SPGO	1050	1022	9.5
SPGO	1065	1027	13.8
SPGO	1070	1032	13.8
SPGO	1200	1162	13.8
SPGO	1200	1172	9.5
SPGO	1225	1187	13.8
SPGO	1270	1242	9.5
SPGO	1400	1372	9.5
SPGO	1500	1462	13.8



SEAL INFORMATION	
Material	NBR / PTFE
Temperature range	-30~100℃
Max pressure	≤ 60 MPa
Max speed	≤ 15 m/s
Application	Rod

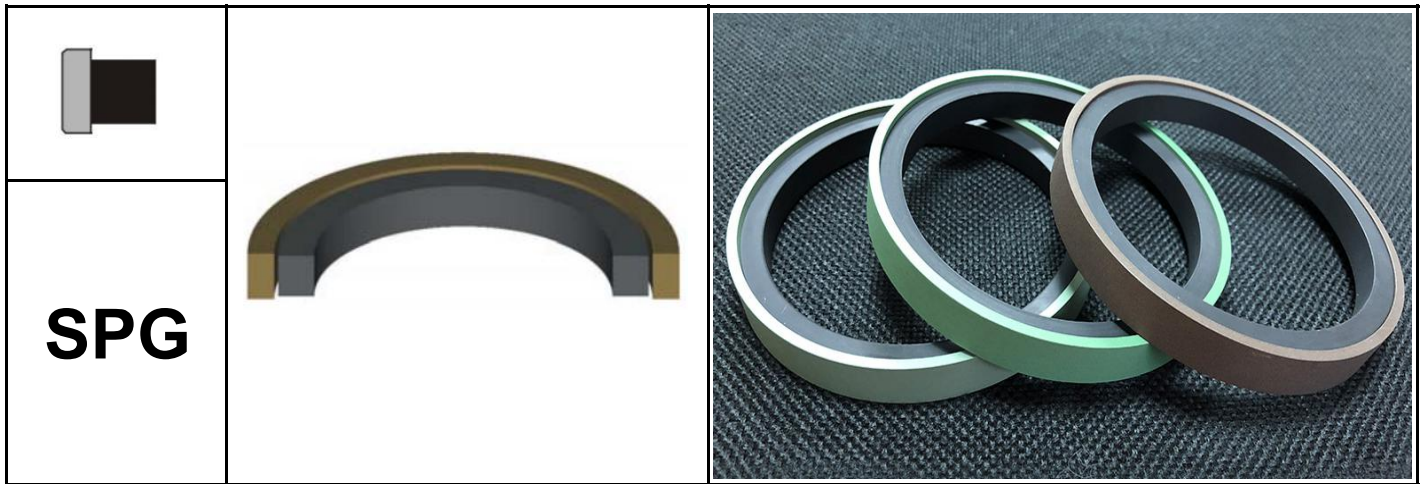


Part No.	SIZE		
	d	D	h
GSD	9	4.1	2.2
GSD	10	5.1	2.2
GSD	12	7.1	2.2
GSD	14	9.1	2.2
GSD	15	10.1	2.2
GSD	16	11.1	2.2
GSD	18	10.7	3.2
GSD	20	12.7	3.2
GSD	22	14.7	3.2
GSD	25	17.7	3.2
GSD	28	17.3	4.2
GSD	30	19.3	4.2

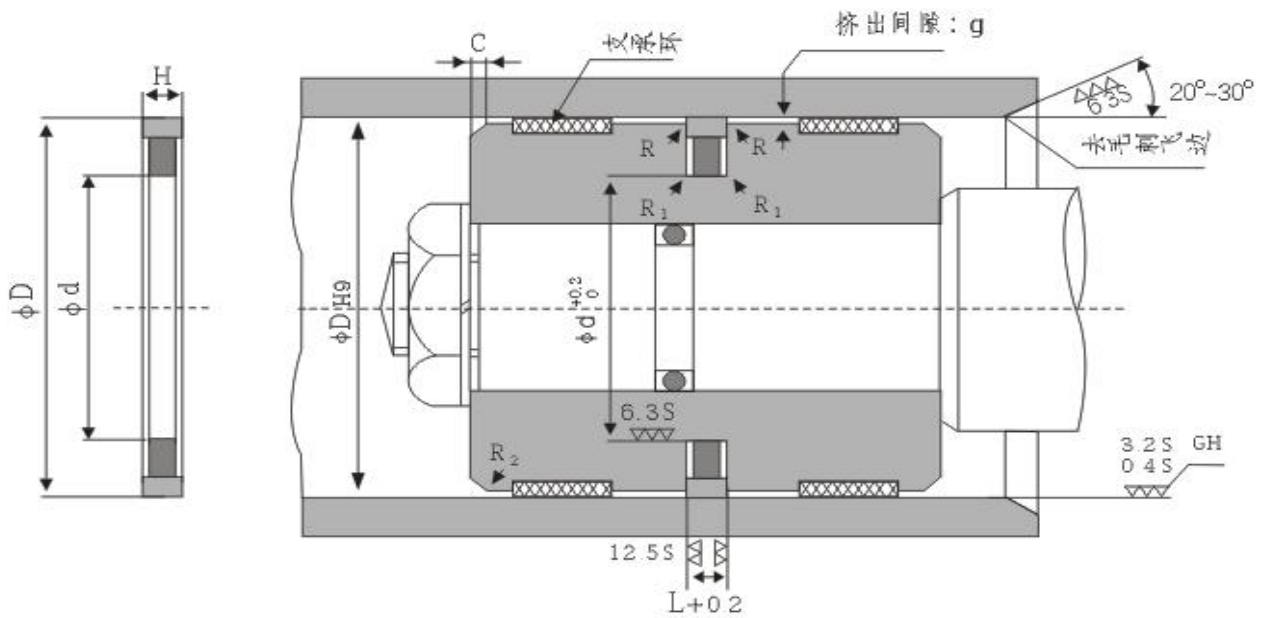
Part No.	SIZE		
	d	D	h
GSD	32	21.3	4.2
GSD	35	24.3	4.2
GSD	40	29.3	4.2
GSD	42	31.3	4.2
GSD	45	34.3	4.2
GSD	48	37.3	4.2
GSD	50	39.3	4.2
GSD	52	41.3	4.2
GSD	55	44.3	4.2
GSD	60	44.9	6.3
GSD	63	47.9	6.3
GSD	65	49.9	6.3

Part No.	SIZE		
	d	D	h
GSD	70	54.9	6.3
GSD	75	59.9	6.3
GSD	80	64.9	6.3
GSD	85	69.9	6.3
GSD	90	74.9	6.3
GSD	95	79.9	6.3
GSD	100	84.9	6.3
GSD	105	89.9	6.3
GSD	106	90.9	6.3
GSD	110	94.9	6.3
GSD	115	99.9	6.3
GSD	120	104.9	6.3

Part No.	SIZE		
	d	D	h
GSD	125	109.9	6.3
GSD	130	114.9	6.3
GSD	155	139.9	6.3
GSD	160	144.9	6.3
GSD	165	149.9	6.3
GSD	175	159.9	6.3
GSD	180	164.9	6.3
GSD	190	174.9	6.3
GSD	200	179.5	8.1
GSD	205	184.5	8.1
GSD	210	189.5	8.1
GSD	220	199.5	8.1
GSD	230	209.5	8.1
GSD	240	219.5	8.1
GSD	250	229.5	8.1
GSD	260	236	8.1
GSD	270	246	8.1
GSD	280	256	8.1
GSD	300	276	8.1
GSD	310	286	8.1
GSD	320	296	8.1
GSD	330	306	8.1
GSD	340	316	8.1
GSD	350	326	8.1
GSD	360	336	8.1
GSD	370	346	8.1
GSD	380	356	8.1
GSD	400	376	8.1
GSD	420	396	8.1
GSD	430	406	8.1
GSD	440	416	8.1
GSD	450	426	8.1
GSD	480	456	8.1
GSD	500	476	8.1
GSD	540	516	8.1
GSD	600	576	8.1
GSD	650	626	8.1
GSD	700	672.7	9.5
GSD	800	772.7	9.5
GSD	860	832.7	9.5
GSD	900	872.7	9.5
GSD	920	892.7	9.5
GSD	1000	972.7	9.5
GSD	1000	962	13.8
GSD	1200	1172.7	9.5
GSD	1200	1162	13.8
GSD	1500	1462	13.8
GSD	2000	1962	13.8



SEAL INFORMATION	
Material	NBR / PTFE
Temperature range	-30~100℃
Max pressure	≤ 31.5 MPa
Max speed	≤ 1.5 m/s
Application	Rod



Part No.	SIZE		
	d	D	H
SPG-30	30	20.5	4.3
SPG-31.5	31.5	22	4.3
SPG-32	32	22.5	4.3
SPG-35	35	25.5	4.3
SPG-35.5	35.5	26	4.3
SPG-40	40	30	4.3
SPG-45	45	35	4.3
SPG-50	50	40	4.3
SPG-54	54	44	4.3
SPG-55	55	45	4.3
SPG-55A	55	44.5	4.3
SPG-56	56	46	4.3

Part No.	SIZE		
	d	D	H
SPG-60	60	50	4.3
SPG-60A	60	50	4.5
SPG-60B	60	49.5	4.3
SPG-63	63	48	7.3
SPG-65	65	50	7.3
SPG-65B	65	52	5.1
SPG-65A	65	52.5	5
SPG-65C	65	51	7.1
SPG-65D	65	49.5	7.3
SPG-65F	65	52	4.8
SPG-69	69	54	7.3
SPG-70	70	55	7.3

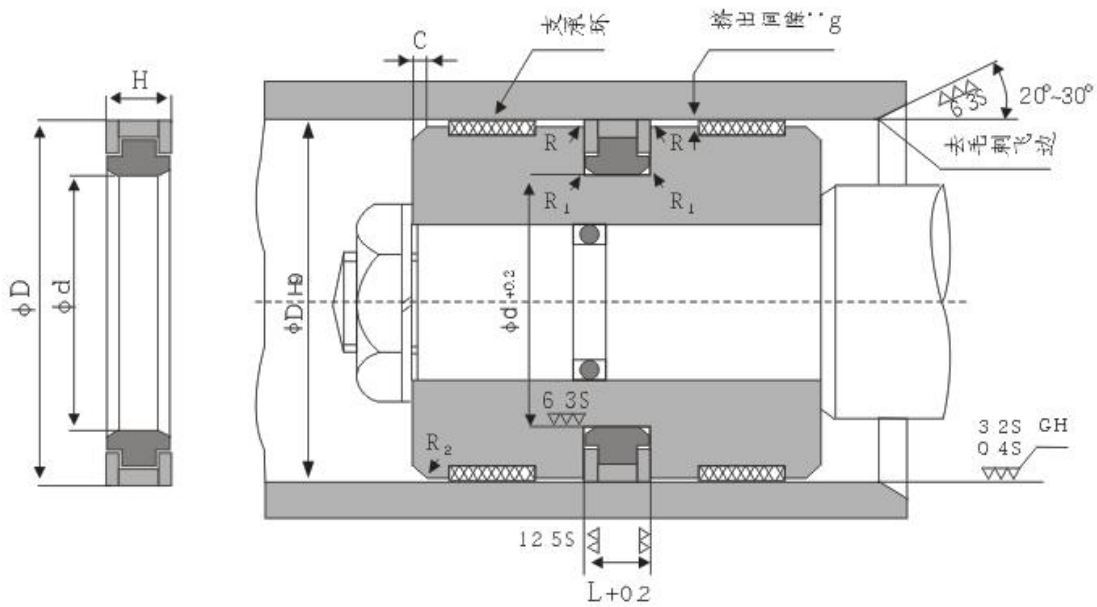
Part No.	SIZE		
	d	D	H
SPG-71	71	56	7.3
SPG-75	75	60	7.3
SPG-80	80	65	7.3
SPG-85	85	70	7.3
SPG-90	90	75	7.3
SPG-95	95	80	7.3
SPG-100	100	85	7.3
SPG-108	108	92	7.3
SPG-110	110	94	7.3
SPG-112	112	96	7.3
SPG-120	120	104	7.3
SPG-125	125	109	7.3

Part No.	SIZE		
	d	D	H
SPG-130	130	114	7.3
SPG-135	135	119	7.3
SPG-140	140	124	7.3
SPG-140A	140	127.5	5.3
SPG-140B	140	125	5.3
SPG-145	145	129	7.3
SPG-150	150	134	7.3
SPG-155	155	139	7.3
SPG-160	160	144	7.3
SPG-160A	160	147.5	5.3
SPG-170	170	148	10.8
SPG-180	180	158	10.8
SPG-190	190	168	10.8
SPG-200	200	178	10.8
SPG-204	204	182	10.8
SPG-210	210	188	10.8
SPG-215	215	205	5
SPG-220	220	198	10.8
SPG-224	224	202	10.8
SPG-225	225	203	10.8
SPG-230	230	208	10.8
SPG-240	240	218	10.8
SPG-250	250	228	10.8
SPG-260	260	236	11.7
SPG-270	270	246	11.7
SPG-280	280	256	11.7
SPG-290	290	266	11.7
SPG-300	300	276	11.7
SPG-310	310	286	11.7
SPG-320	320	296	11.7
SPG-330	330	308	9.8
SPG-360	360	336	11.7
SPG-485	485	455	14.8
SPG-500	500	470	14.8



SPGW

SEAL INFORMATION	
Material	NBR / PTFE
Temperature range	-30~100℃
Max pressure	≤ 40 MPa
Max speed	≤ 1.5 m/s
Application	Rod

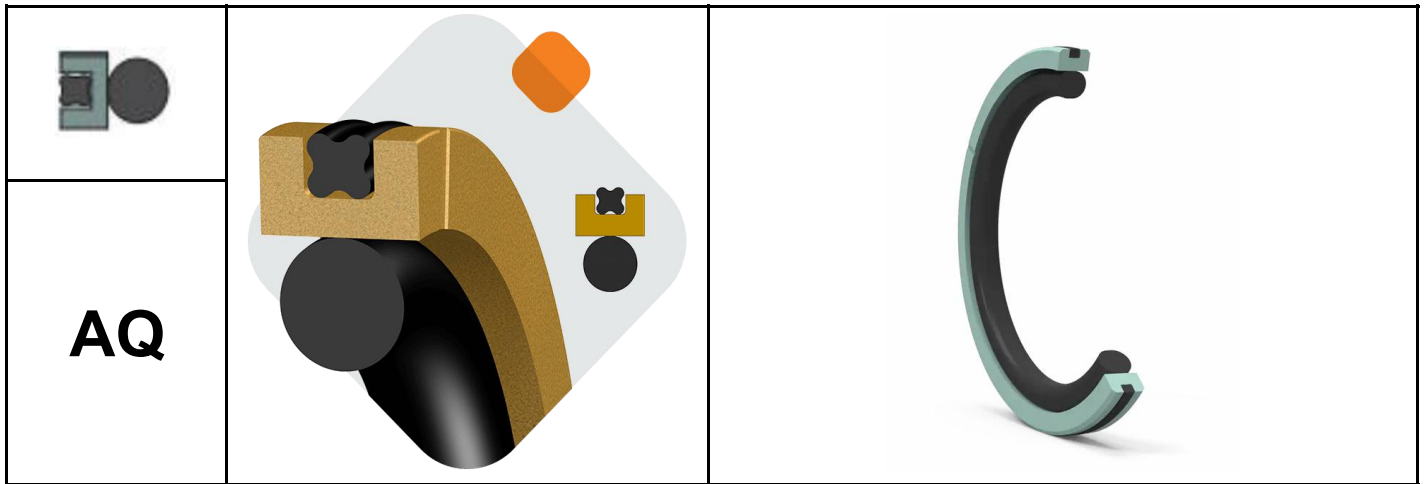


Part No.	SIZE		
	d	D	H
SPGW-50	50	36	8.5
SPGW-60	60	46	8.5
SPGW-63	63	48	10.5
SPGW-65	65	50	10.5
SPGW-70	70	55	10.5
SPGW-75	75	60	10.5
SPGW-80	80	65	10.5
SPGW-85	85	70	10.5
SPGW-90	90	75	10.5
SPGW-95	95	80	10.5
SPGW-100	100	85	12
SPGW-105	105	90	12

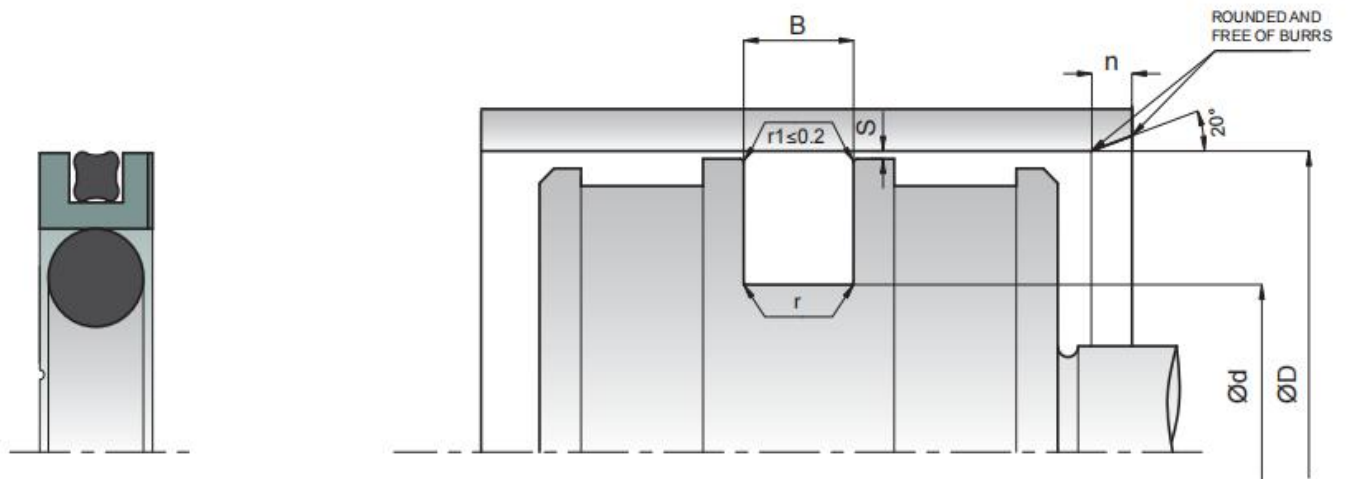
Part No.	SIZE		
	d	D	H
SPGW-110	110	95	12
SPGW-115	115	100	12
SPGW-120	120	105	12
SPGW-125	125	102	15.5
SPGW-130	130	107	15.5
SPGW-135	135	112	15.5
SPGW-140	140	117	15.5
SPGW-145	145	122	15.5
SPGW-150	150	127	15.5
SPGW-160	160	137	15.5
SPGW-165	165	142	15.5
SPGW-170	170	147	15.5

Part No.	SIZE		
	d	D	H
SPGW-180	180	157	15.5
SPGW-185	185	162	15.5
SPGW-190	190	167	15.5
SPGW-200	200	177	15.5
SPGW-210	210	187	15.5
SPGW-220	220	197	15.5
SPGW-225	225	202	15.5
SPGW-230	230	207	15.5
SPGW-240	240	217	15.5
SPGW-250	250	222	17
SPGW-260	260	232	17
SPGW-270	270	242	17

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>H</i>
SPGW-280	280	252	17
SPGW-290	290	262	17
SPGW-300	300	272	17
SPGW-315	315	287	17
SPGW-320	320	292	17
SPGW-330	330	302	17



SEAL INFORMATION	
Material	NBR / PTFE
Temperature range	-30~100°C
Max pressure	≤ 30 MPa
Max speed	≤ 3.0 m/s
Application	Rod

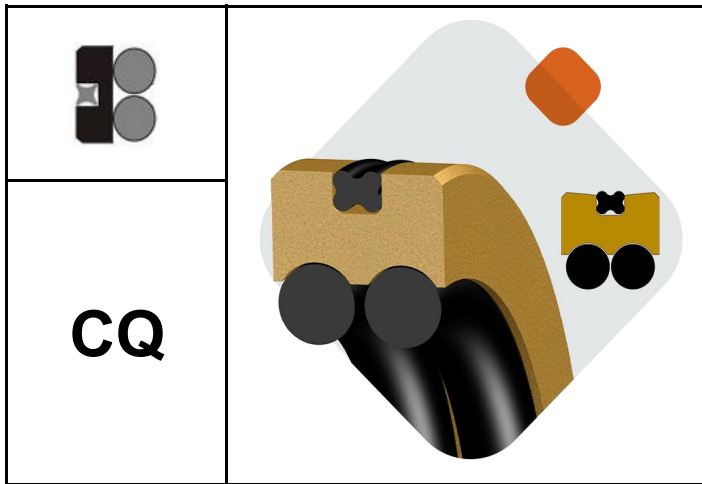


Part No.	SIZE		
	d	D	B
AQ	16	5	4.2
AQ	18	7	4.2
AQ	20	9	4.2
AQ	22	11	4.2
AQ	25	14	4.2
AQ	28	17	4.2
AQ	30	19	4.2
AQ	32	21	4.2
AQ	35	24	4.2
AQ	40	29	4.2
AQ	42	31	4.2
AQ	45	34	4.2

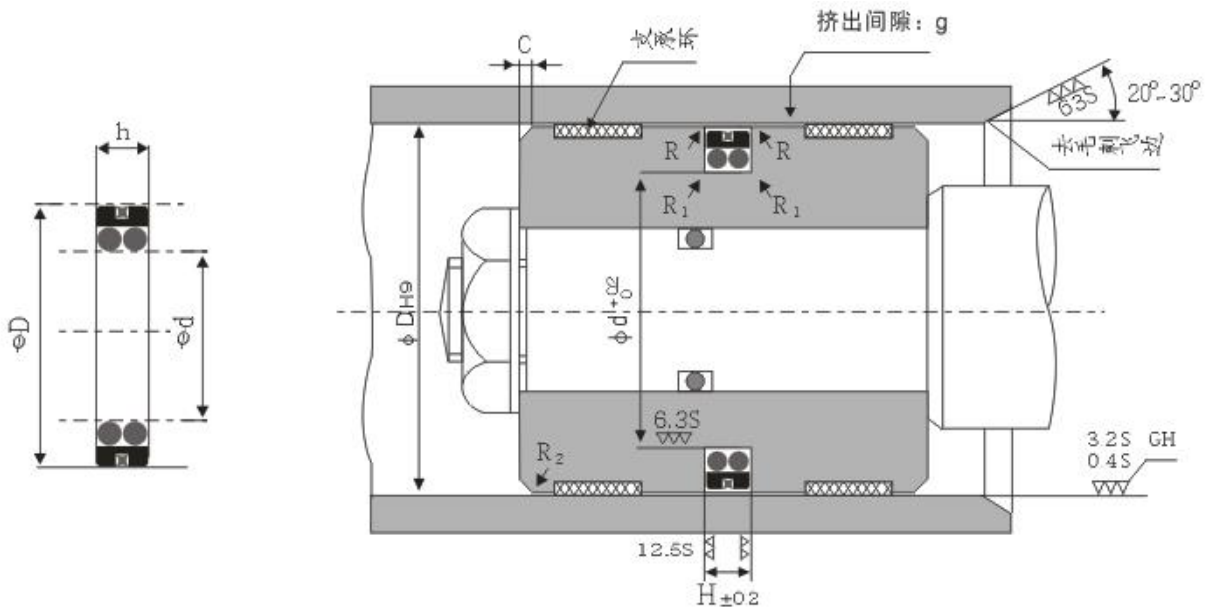
Part No.	SIZE		
	d	D	B
AQ	48	37	4.2
AQ	50	3	4.2
AQ	50	34.5	6.3
AQ	52	41	4.2
AQ	55	44	4.2
AQ	60	49	4.2
AQ	63	52	4.2
AQ	63	47.5	6.3
AQ	65	54	4.2
AQ	70	59	4.2
AQ	70	54.5	6.3
AQ	75	64	4.2

Part No.	SIZE		
	d	D	B
AQ	80	64.5	6.3
AQ	80	59	8.1
AQ	85	69.5	6.3
AQ	85	64	8.1
AQ	90	74.5	6.3
AQ	95	79.5	6.3
AQ	100	84.5	6.3
AQ	100	79	8.1
AQ	105	89.5	6.3
AQ	110	94.5	6.3
AQ	115	99.5	6.3
AQ	120	104.5	6.3

Part No.	SIZE		
	d	D	B
AQ	125	109.5	6.3
AQ	125	104	8.1
AQ	130	114.5	6.3
AQ	135	114	8.1
AQ	140	119	8.1
AQ	150	129	8.1
AQ	160	139	8.1
AQ	170	149	8.1
AQ	180	159	8.1
AQ	190	169	8.1
AQ	200	179	8.1
AQ	210	189	8.1
AQ	220	199	8.1
AQ	230	209	8.1
AQ	240	219	8.1
AQ	250	229	8.1
AQ	250	225	8.1
AQ	280	252	9.5
AQ	300	272	9.5
AQ	310	282	9.5
AQ	320	292	9.5
AQ	350	322	9.5
AQ	400	372	9.5
AQ	420	392	9.5
AQ	450	422	9.5
AQ	480	445	11.5
AQ	500	465	11.5
AQ	600	565	11.5
AQ	650	615	11.5
AQ	700	665	11.5



SEAL INFORMATION	
Material	NBR / PTFE
Temperature range	-30~100°C
Max pressure	≤ 35 MPa
Max speed	≤ 3.0 m/s
Application	Rod



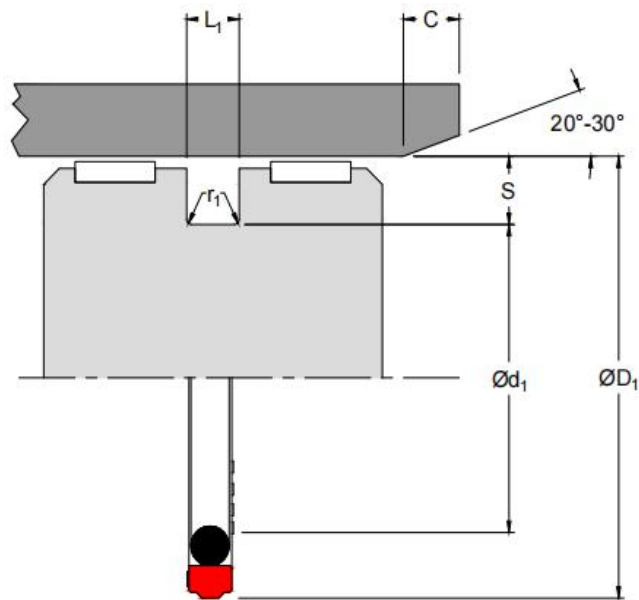
Part No.	SIZE		
	d	D	h
CQ	40	30	6.3
CQ	42	32	6.3
CQ	45	35	6.3
CQ	48	38	6.3
CQ	50	40	6.3
CQ	52	42	6.3
CQ	55	45	6.3
CQ	60	50	6.3
CQ	63	53	6.3
CQ	65	55	6.3
CQ	70	60	6.3
CQ	75	65	6.3

Part No.	SIZE		
	d	D	h
CQ	80	67	8.3
CQ	85	72	8.3
CQ	90	77	8.3
CQ	95	82	8.3
CQ	100	87	8.3
CQ	105	92	8.3
CQ	110	97	8.3
CQ	115	102	8.3
CQ	120	107	8.3
CQ	125	112	8.3
CQ	130	117	8.3
CQ	135	117	12.3

Part No.	SIZE		
	d	D	h
CQ	140	122	12.3
CQ	150	132	12.3
CQ	160	142	12.3
CQ	170	152	12.3
CQ	180	162	12.3
CQ	190	172	12.3
CQ	200	182	12.3
CQ	210	192	12.3
CQ	220	202	12.3
CQ	230	212	12.3
CQ	240	222	12.3
CQ	250	232	12.3



SEAL INFORMATION	
Material	NBR / PTFE
Temperature range	-40~110°C
Max pressure	≤ 350 bar
Max speed	≤ 1.0 m/s
Application	Rod

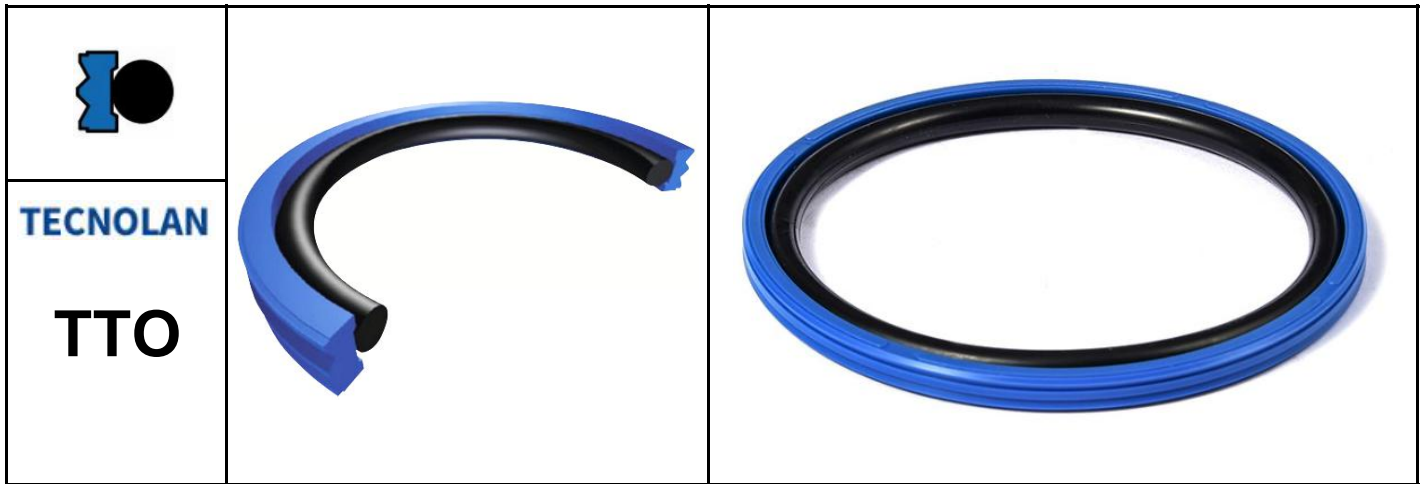


Part No.	SIZE		
	d	D	L ₁
754	15	7.5	3.2
754	16	8.5	3.2
754	20	12.5	3.2
754	25	17.5	3.2
754	28	20.5	3.2
754	30	22.5	3.2
754	32	24.5	3.2
754	35	27.5	3.2
754	36	28.5	3.2
754	40	29	4.2
754	40	32.5	3.2
754	42	31	4.2

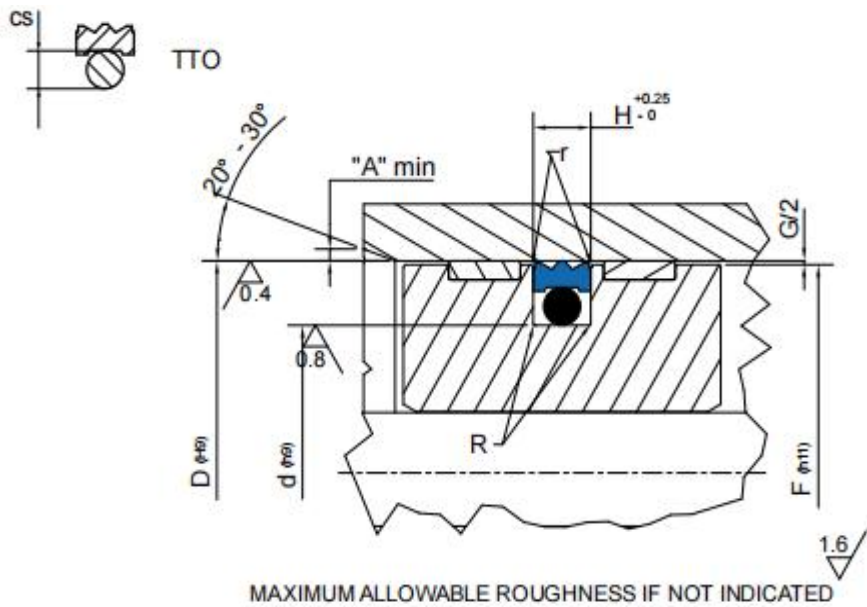
Part No.	SIZE		
	d	D	L ₁
754	45	34	4.2
754	50	34.5	6.3
754	50	39	4.2
754	55	39.5	6.3
754	55	44	4.2
754	60	44.5	6.3
754	60	49	4.2
754	63	47.5	6.3
754	63	50	6.3
754	63	52	4.2
754	65	49.5	6.3
754	65	52	6.3

Part No.	SIZE		
	d	D	L ₁
754	65	54	4.2
754	70	54.5	6.3
754	70	57	6.3
754	70	59	4.2
754	75	59.5	6.3
754	75	64	4.2
754	80	64.5	6.3
754	80	69	4.2
754	85	69.5	6.3
754	90	74.5	6.3
754	95	79.5	6.3
754	95	84	4.2

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>L</i>₁
754	100	84.5	6.3
754	105	89.5	6.3
754	110	94.5	6.3
754	115	99.5	6.3
754	120	99	8.1
754	120	104.5	6.3
754	125	104	8.1
754	125	109.5	6.3
754	127	111.5	6.3
754	130	109	8.1
754	130	114.5	6.3
754	135	114	8.1
754	140	119	8.1
754	140	124.5	6.3
754	150	129	8.1
754	160	139	8.1
754	165	144	8.1
754	170	149	8.1
754	180	159	8.1
754	190	169	8.1
754	200	179	8.1
754	210	189	8.1
754	220	199	8.1
754	225	204	8.1
754	230	209	8.1
754	240	219	8.1
754	250	229	8.1
754	300	279	8.1



SEAL INFORMATION	
Material	PU
Temperature range	-35~100°C
Max pressure	≤ 40 MPa
Max speed	≤ 0.5 m/s
Application	Rod



Part No.	SIZE		
	d	D	H
TTO/15	15	7.5	3.2
TTO/16	16	8.5	3.2
TTO/20	20	12.5	3.2
TTO/25	25	14	4.2
TTO/25/1	25	17.5	3.2
TTO/30	30	22.5	3.2
TTO/32	32	21	4.2
TTO/32/1	32	24.5	3.2
TTO/35	35	27.5	3.2
TTO/36	36	28.5	3.2
TTO/38	38	30.5	3.2
TTO/40	40	24.5	6.3

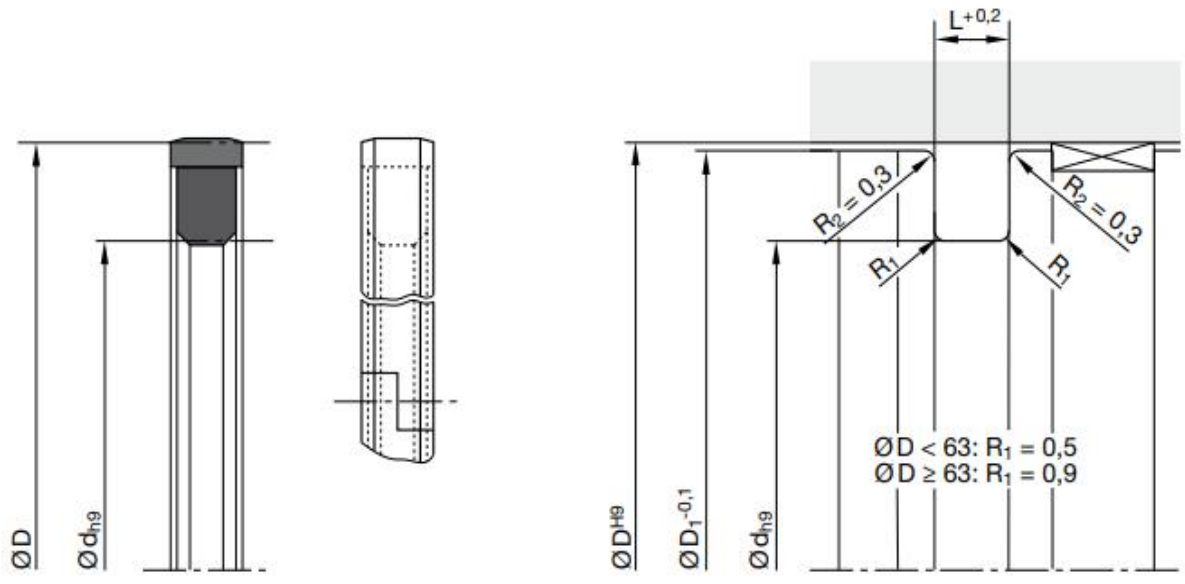
Part No.	SIZE		
	d	D	H
TTO/40/1	40	29	4.2
TTO/42	42	31	4.2
TTO/45	45	29.5	6.3
TTO/45/1	45	34	4.2
TTO/48	48	37	4.2
TTO/50	50	34.5	6.3
TTO/50/1	50	39	4.2
TTO/55	55	39.5	6.3
TTO/55/1	55	44	4.2
TTO/60	60	44.5	6.3
TTO/60/1	60	49	4.2
TTO/63	63	47.5	6.3

Part No.	SIZE		
	d	D	H
TTO/63/1	63	52	4.2
TTO/65	65	49.5	6.3
TTO/65/1	65	54	4.2
TTO/70	70	54.5	6.3
TTO/70/1	70	59	4.2
TTO/75	75	59.5	6.3
TTO/75/1	75	64	4.2
TTO/80	80	64.5	6.3
TTO/80/1	80	69	4.2
TTO/85	85	69.5	6.3
TTO/90	90	74.5	6.3
TTO/100	100	84.5	6.3

Part No.	SIZE		
	d	D	H
TTO/110	110	94.5	6.3
TTO/120	120	104.5	6.3
TTO/125	125	109.5	6.3
TTO/127	127	111.5	6.3
TTO/130	130	114.5	6.3
TTO/135	135	114	8.1
TTO/140	140	119	8.1
TTO/145	145	124	8.1
TTO/150	150	129	8.1
TTO/160	160	139	8.1
TTO/170	170	149	8.1
TTO/180	180	159	8.1
TTO/185	185	164	8.1
TTO/190	190	169	8.1
TTO/200	200	179	8.1
TTO/210	210	189	8.1
TTO/220	220	199	8.1
TTO/230	230	209	8.1
TTO/240	240	219	8.1
TTO/250	250	229	8.1



SEAL INFORMATION	
Material	PA
Temperature range	-30~110°C
Max pressure	≤ 50 MPa
Max speed	≤ 1.0 m/s
Application	Rod



Part No.	SIZE		
	d	D	L
OK	25	16	4.2
OK	32	21	4.2
OK	40	29	4.2
OK	40	26.3	5.8
OK	50	34.5	6.3
OK	50	39	4.2
OK	60	41.7	7
OK	60	49	4.2
OK	63	44.7	7
OK	63	47.5	6.3
OK	63	52	4.2
OK	70	51.7	7

Part No.	SIZE		
	d	D	L
OK	70	59	4.2
OK	75	54	8
OK	80	59	8
OK	80	64.5	6.3
OK	85	64	8
OK	90	69	8
OK	90	74.5	6.3
OK	95	74	8
OK	100	79	8
OK	100	84.5	6.3
OK	105	84	8
OK	110	89	8

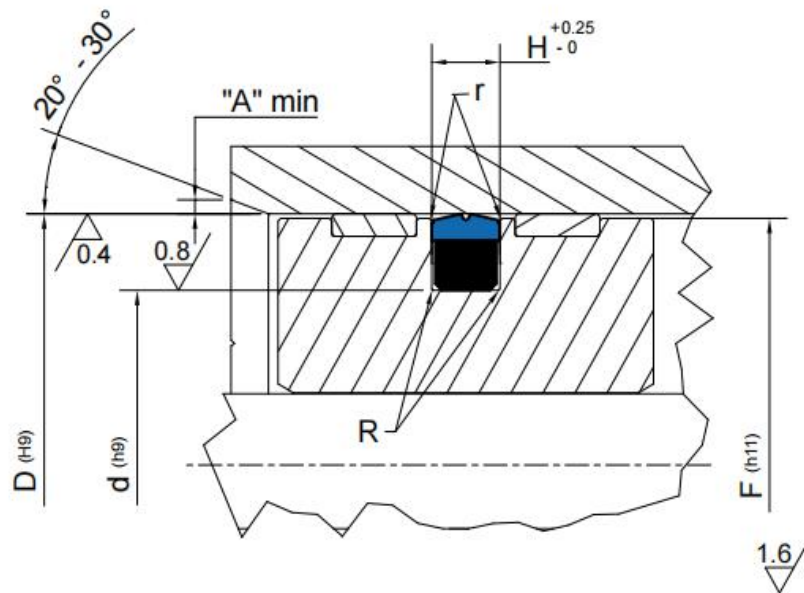
Part No.	SIZE		
	d	D	L
OK	110	94.5	6.3
OK	115	94	8
OK	120	99	8
OK	125	104	8
OK	125	109.5	6.3
OK	130	109	8
OK	135	119.5	6.3
OK	135	114	8
OK	140	119	8
OK	145	124	8
OK	150	129	8
OK	160	139	8

Part No.	SIZE		
	d	D	L
OK	165	144	8
OK	170	149	8
OK	175	154	8
OK	180	159	8
OK	190	169	8
OK	200	179	8
OK	210	189	8
OK	220	199	8
OK	230	209	8
OK	240	225	8
OK	250	229	8
OK	260	239	8
OK	270	249	8
OK	280	255.5	8
OK	290	271	9.5
OK	300	272	9.5
OK	320	292	9.5
OK	330	302	9.5
OK	350	322	9.5
OK	370	342	9.5
OK	420	392	9.5
OK	450	422	9.5
OK	480	452	9.5



KR

SEAL INFORMATION	
Material	PU
Temperature range	-30~110°C
Max pressure	≤ 300 bar
Max speed	≤ 0.5 m/s
Application	Rod



Part No.	SIZE		
	d	D	H
KR	20	12.5	3.2
KR	25	17.5	3.2
KR	25	14	4.2
KR	32	24.5	3.2
KR	32	21	4.2
KR	40	32.5	3.2
KR	40	29	4.2
KR	45	34	4.2
KR	45	32	6.3
KR	50	39	4.2
KR	50	34.5	6.3
KR	55	39.5	6.3

Part No.	SIZE		
	d	D	H
KR	60	49	4.2
KR	60	44.5	6.3
KR	63	52	4.2
KR	63	47.5	6.3
KR	63	50	6.3
KR	65	52	6.3
KR	65	49.5	6.3
KR	70	59	4.2
KR	70	54.5	6.3
KR	70	57	6.3
KR	75	59.5	6.3
KR	75	62	6.3

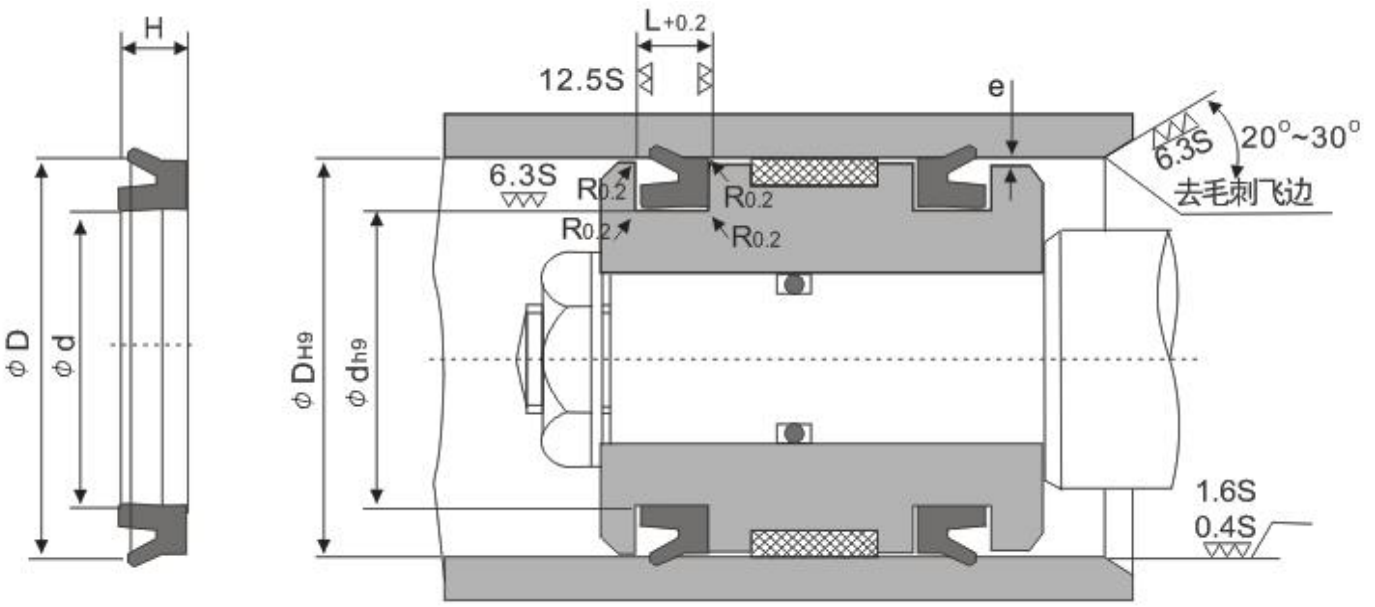
Part No.	SIZE		
	d	D	H
KR	80	69	4.2
KR	80	64.5	6.3
KR	85	71.5	6.3
KR	85	69.5	6.3
KR	90	74.5	6.3
KR	90	69	8.1
KR	90	69	10.5
KR	95	79.5	6.3
KR	100	84.5	6.3
KR	100	86.5	6.3
KR	100	79	8.1
KR	105	84.5	6.3

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>H</i>
KR	105	89.5	6.3
KR	110	89	8.1
KR	115	94	8.1
KR	120	99	8.1
KR	125	109.5	6.3
KR	125	104	8.1
KR	140	119	8.1
KR	160	139	8.1
KR	180	159	8.1
KR	200	179	8.1



Z8
(Pneumatic)

SEAL INFORMATION	
Material	NBR / FKM / PU
Temperature range	-30~230°C
Max pressure	≤ 1.6 MPa
Max speed	≤ 1.0 m/s
Application	Rod



Part No.	SIZE		
	d	D	H
Z8-4	4	1.5	1.5
Z8-5	5	2.5	1.5
Z8-6	6	3	2
Z8-8	8	4	2.55
Z8-8A	8	4.8	2.3
Z8-8B	8	5.45	2.3
Z8-10	10	3	3.5
Z8-10A	10	6	2.55
Z8-10B	10	6.45	2.55
Z8-12	12	7	2.55
Z8-13	13	8	2.55
Z8-14	14	8	2.55

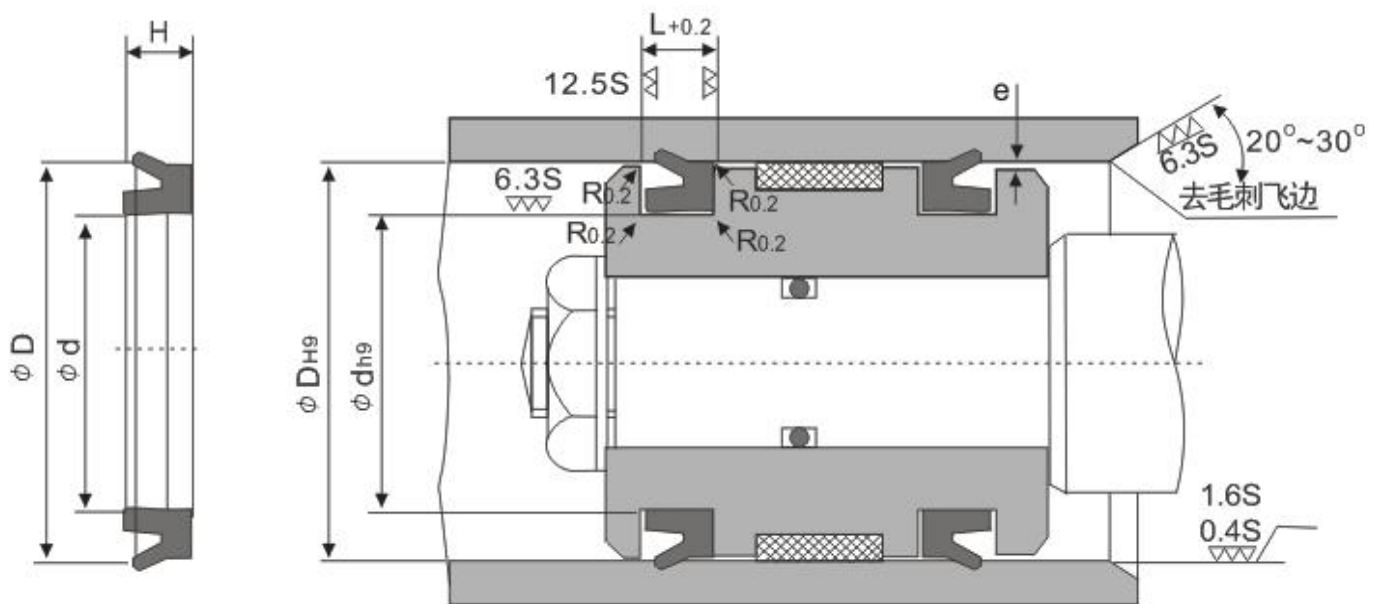
Part No.	SIZE		
	d	D	H
Z8-15	15	9	2.55
Z8-16	16	10	2.55
Z8-16A	16	11	2.55
Z8-18	18	12	2.55
Z8-18	18	12	3.25
Z8-20	20	14	2.55
Z8-21	21	15	2.55
Z8-22	22	16	2.55
Z8-24	24	18	3.25
Z8-24A	24	18	2.55
Z8-25	25	19	3.25
Z8-28	28	22	3.25

Part No.	SIZE		
	d	D	H
Z8-30	30	22	3.25
Z8-30A	30	22.5	4.8
Z8-32	32	24	3.25
Z8-32	32	24	3.5
Z8-35	35	27	3.25
Z8-36	36	28	3.25
Z8-37	37	29	3.25
Z8-38	38	30	3.25
Z8-40	40	32	3.25
Z8-42	42	34	3.25
Z8-44	44	52	4.6
Z8-45	45	37	3.25

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>H</i>
Z8-50	50	42	3.25
Z8-50	50	42	3.4
Z8-52	52	42	4.25
Z8-57	57	50.5	3.25
Z8-58	58	48	4.25
Z8-63	63	53	4.25
Z8-80	80	70	4.25
Z8-90	90	80	4.25
Z8-100	100	90	4.25
Z8-125	125	105	8.25
Z8-150	150	130	8.25
Z8-160	160	140	8.25
Z8-200	200	180	8.25



SEAL INFORMATION	
Material	NBR / FKM / PU
Temperature range	-30~230°C
Max pressure	≤ 1.6 MPa
Max speed	≤ 1.0 m/s
Application	Rod



Part No.	SIZE		
	d	D	H
E4-10	10	5	3
E4-12	12	6	4
E4-12A	12	7	4
E4-14	14	8	4
E4-16	16	8	5.5
E4-16A	16	9	5
E4-16B	16	10	4
E4-20	20	12	5.5
E4-20A	20	14	4
E4-20.5	20.5	14	4
E4-22	22	16	5
E4-24	24	16	5.5

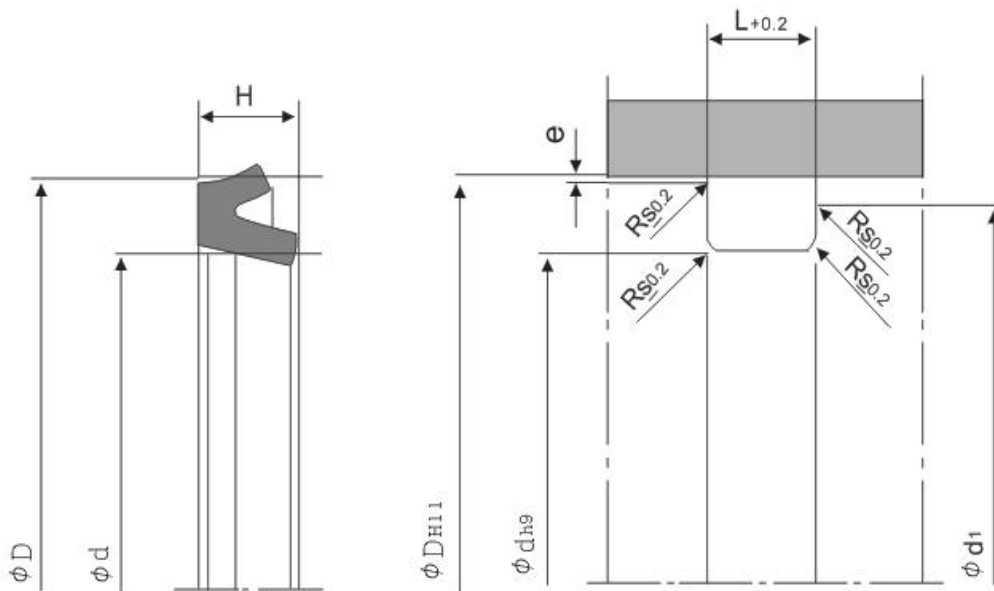
Part No.	SIZE		
	d	D	H
E4-25	25	15.5	5.8
E4-25A	25	17	4.5
E4-25B	25	17	5.5
E4-28	28	18	7
E4-30A	30	18	6
E4-32	32	20	6.5
E4-32A	32	22	7
E4-32B	32	24	5.5
E4-34	34	24	7
E4-36	36	26	7
E4-40	40	30	7
E4-42	42	30	6

Part No.	SIZE		
	d	D	H
E4-45	45	37	7
E4-50	50	40	7
E4-50A	50	38	7
E4-60	60	50	7
E4-63	63	53	7
E4-68A	68	58	7.5
E4-70	70	58	7
E4-70A	70	55	11.5
E4-70B	70	58	7.5
E4-74	74	62	8.5
E4-75	75	65	7.5
E4-78	78	66	8.5

Part No.	SIZE		
	d	D	H
E4-80	80	68	8.5
E4-80A	80	65	11.3
E4-84	84	72	8.5
E4-100A	100	82	12
E4-100B	100	88	8.5
E4-105	105	93	8.5
E4-110	110	98	8.5
E4-120	120	105	10
E4-125	125	110	10
E4-140	140	125	10
E4-150	150	135	10
E4-150A	150	138	6
E4-160	160	140	14
E4-160A	160	145	10
E4-168A	168	155	8
E4-200	200	180	14
E4-200A	200	190	7.5
E4-200B	200	183	8
E4-200	200	185	9.6
E4-220	220	199	15
E4-250	250	225	18
E4-250A	250	226	16
E4-250	250	230	10
E4-250B	250	230	14
E4-315	315	302	10
E4-320	320	295	14
E4-320A	320	295	17
E4-470	470	440	21



SEAL INFORMATION	
Material	NBR / FKM
Temperature range	-30~230°C
Max pressure	≤ 1.6 MPa
Max speed	≤ 0.5 m/s
Application	Rod



Part No.	SIZE		
	d	D	H
C2	55	45	7
C2	60	40	12
C2	60	50	7
C2	60	50	10
C2	62	46	12
C2	62	47	10
C2	62	52	7
C2	63	45	12
C2	63	53	7
C2	65	49	12
O2	65	53	10
C2	65	55	7

Part No.	SIZE		
	d	D	H
C2	67	57	7
C2	68	48	14
C2	68	58	7
C2	70	50	14
C2	70	54	12
C2	70	58	8.5
O2	74	62	8.5
C2	75	55	12
C2	75	59	12
C2	75	63	8.5
C2	80	60	14
C2	80	63	16

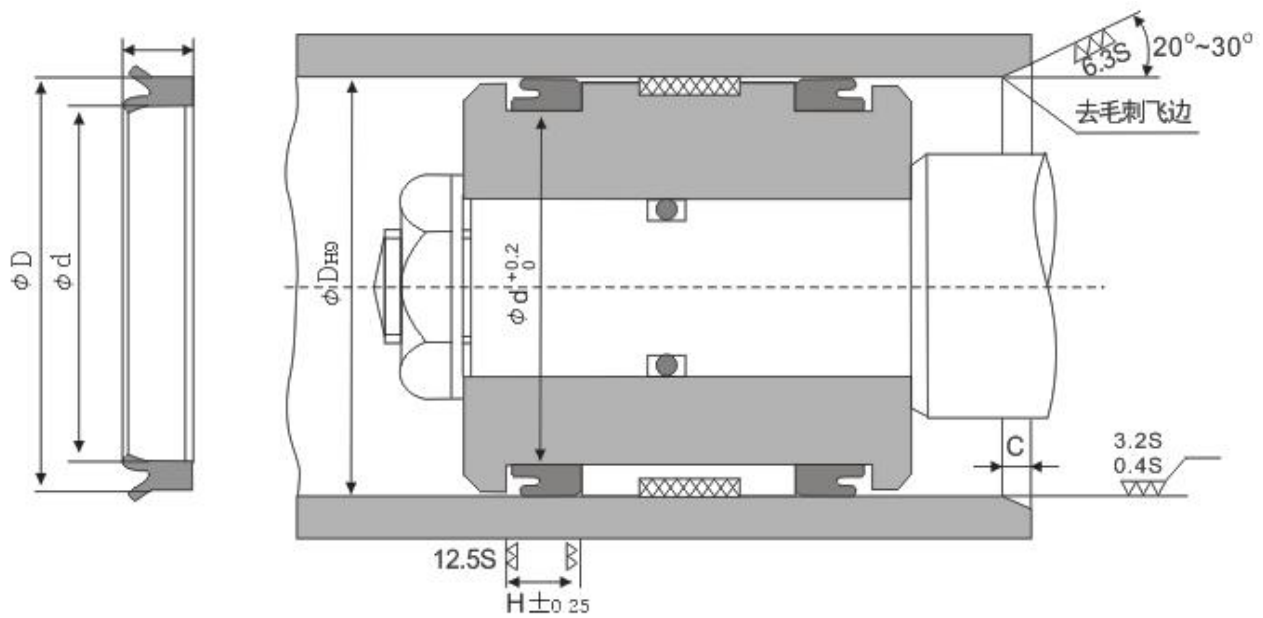
Part No.	SIZE		
	d	D	H
C2	80	64	8
C2	80	68	8.5
C2	85	73	8.5
C2	90	70	12
C2	90	78	8.5
C2	100	80	15
C2	100	85	9.5
C2	100	85	12
C2	100	88	8.5
C2	100	90	7
C2	105	85	15
O2	110	95	10

Part No.	SIZE		
	d	D	H
C2	115	95	14
C2	120	100	15
C2	120	105	10
C2	125	105	16
C2	125	110	10
C2	130	115	10
C2	135	115	14
C2	136	116	14
C2	140	115	18
C2	140	120	14
C2	140	125	10
C2	145	130	10
C2	150	135	10
C2	155	130	18
C2	155	135	15
C2	160	130	25
C2	160	140	14
C2	160	145	10
C2	175	145	18
C2	175	155	14
C2	180	150	25
C2	180	160	14
C2	190	170	14
C2	200	170	25
C2	200	180	14
C2	220	200	13.5
C2	220	200	14
C2	225	200	17.5
C2	240	220	14
C2	250	230	14
C2	260	240	14
C2	280	260	14
C2	300	280	15
C2	315	290	17
C2	350	320	21



PAP
(Pneumatic)

SEAL INFORMATION	
Material	NBR / FKM
Temperature range	-30~230℃
Max pressure	≤ 1.6 MPa
Max speed	≤ 1.0 m/s
Application	Rod



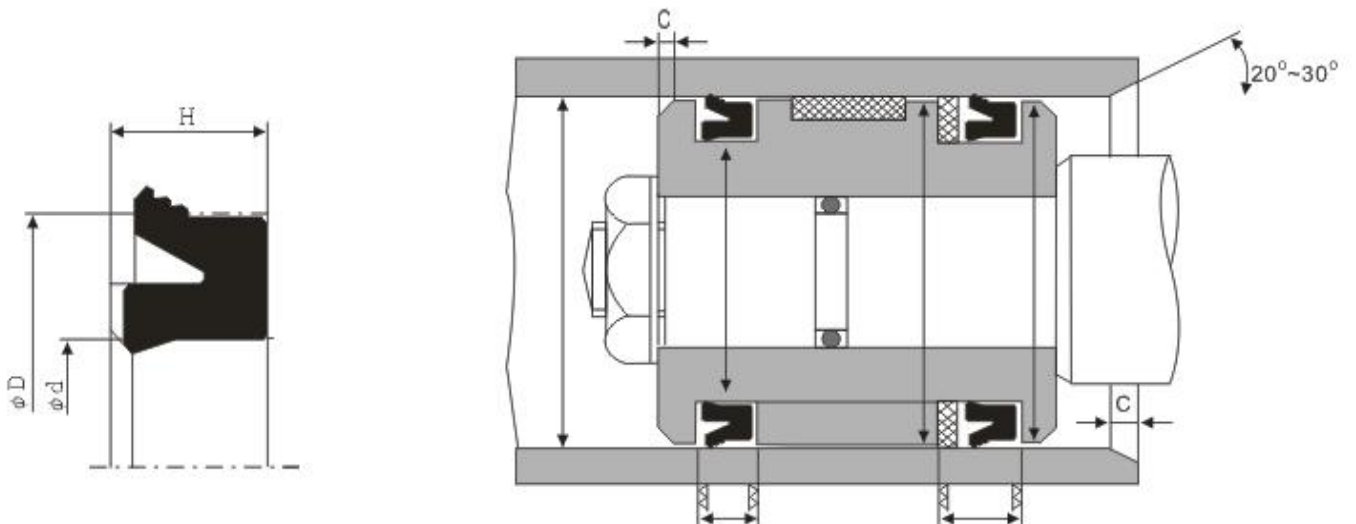
Part No.	SIZE		
	d	D	h
PAP-6	6	3	2.2
PAP-8	8	4	2.9
PAP-10	10	6	2.9
PAP-12	12	8	2.9
PAP-15	15	10	3.6
PAP-16	16	11	3.6
PAP-20	20	14	4.3
PAP-24	24	16	5.3
PAP-25	25	17	5.3
PAP-29	29	20	6
PAP-32	32	24	5.3
PAP-40	40	30	6.5

Part No.	SIZE		
	d	D	h
PAP-49	49	40	6.5
PAP-50	50	40	6.5
PAP-51	51	42	7
PAP-63	63	53	6.5
PAP-80	80	70	6.5
PAP-100	100	84.4	5.8
PAP-100	100	85	9.5
PAP-100	100	90	7
PAP-100	100	90	11.3
PAP-120	120	105	9.5
PAP-125	125	110	9.5
PAP-125	125	115	11.3

Part No.	SIZE		
	d	D	h
PAP-140	140	125	9.5
PAP-150	150	135	9.5
PAP-160	160	145	9.5
PAP-180	180	165	9.5
PAP-200	200	180	12
PAP-250	250	230	12



SEAL INFORMATION	
Material	NBR / FKM
Temperature range	-30~230°C
Max pressure	≤ 1.6 MPa
Max speed	≤ 1.0 m/s
Application	Rod



Part No.	SIZE		
	d	D	H
AGP	20	12	5.2
AGP	25	17	5.2
AGP	28	20	5.2
AGP	30	22.4	5.2
AGP	32	24	5.2
AGP	40	30	6.5
AGP	50	40	6.5
AGP	63	53	6.5
AGP	80	70	6.5
AGP	100	85	9.5
AGP	100	90	6.4
AGP	120	105	9.5

Part No.	SIZE		
	d	D	H
AGP	125	110	9.5
AGP	140	125	9.5
AGP	150	135	9.5
AGP	160	145	9.5
AGP	180	165	9.5
AGP	200	180	12
AGP	250	230	12

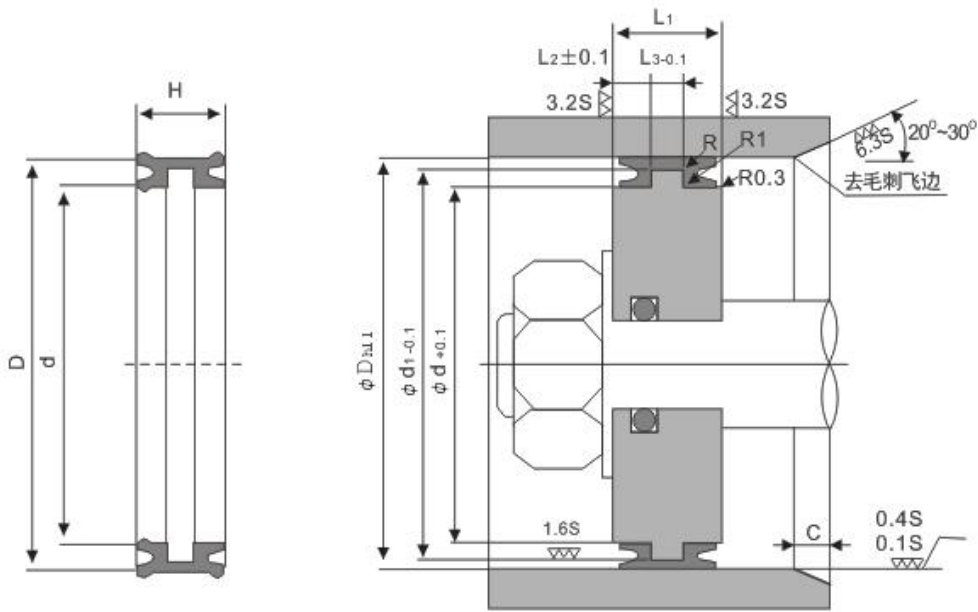


Z5
(Pneumatic)



SEAL INFORMATION

Material	NBR / FKM
Temperature range	-30~230℃
Max pressure	≤ 1.6 MPa
Max speed	≤ 1.0 m/s
Application	Rod



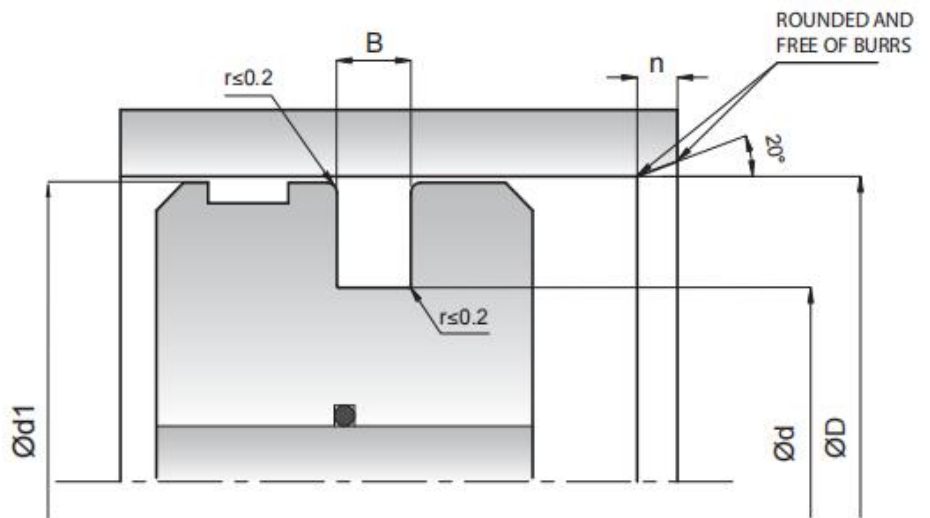
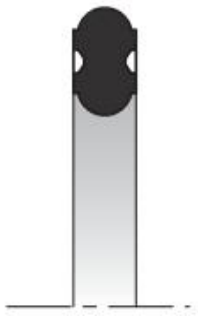
Part No.	SIZE		
	d	D	L ₁
Z5-16	16	10	12
Z5-18	18	12	12
Z5-20	20	14	12
Z5-25	25	18	13
Z5-25	25	18	11
Z5-25	25	18	12.5
Z5-28	28	22	12
Z5-30	30	23	13
Z5-32	32	25	13
Z5-32	32	25.6	12
Z5-35	35	28	13
Z5-38	38	31.6	12

Part No.	SIZE		
	d	D	L ₁
Z5-39	39	32	12
Z5-40	40	30	13
Z5-40	40	30	16
Z5-40	40	33.6	16
Z5-45	45	38	13
Z5-50	50	43	13
Z5-54	54	46	15
Z5-55	55	47	15
Z5-63	63	53	19
Z5-63A	63	56	13
Z5-70	70	62	15
Z5-76	76	66	20

Part No.	SIZE		
	d	D	L ₁
Z5-80	80	70	20
Z5-80A	80	72	15
Z5-100	100	88	23
Z5-100	100	88	21
Z5-100A	100	90	18
Z5-125	125	113	17
Z5-125A	125	113	23
Z5-125	125	110	25
Z5-130	130	120	19
Z5-140	140	128	23
Z5-150	150	140	19
Z5-160	160	145	29



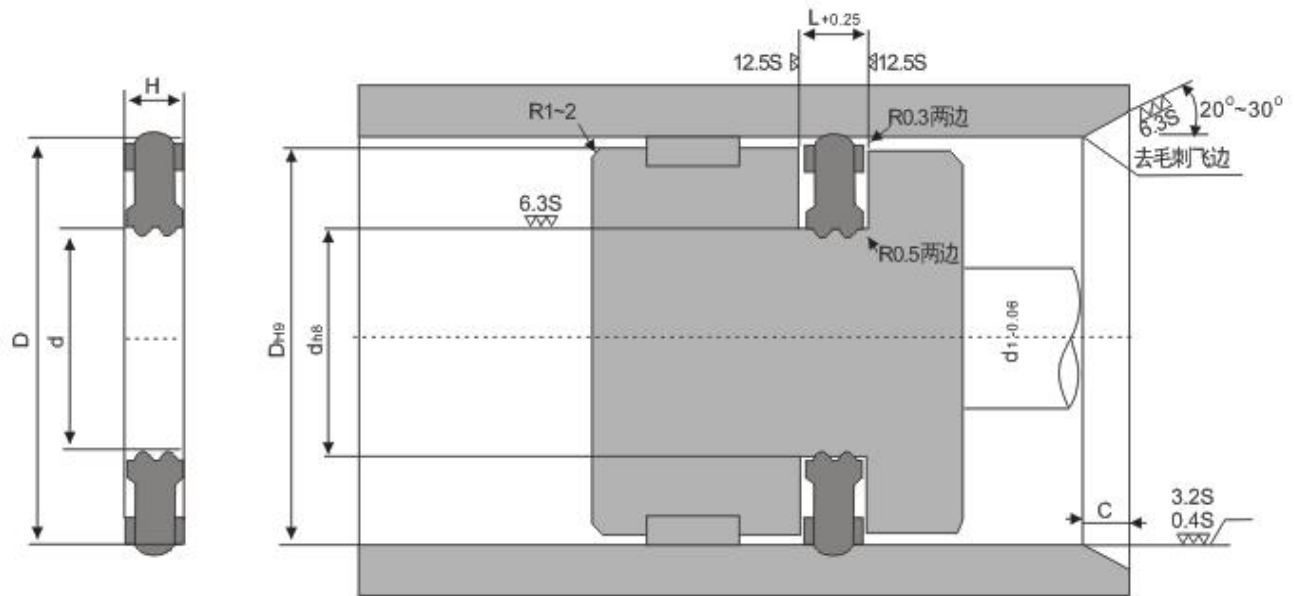
SEAL INFORMATION	
Material	NBR / FKM
Temperature range	-30~230°C
Max pressure	≤ 1.0 MPa
Max speed	≤ 1.0 m/s
Application	Rod



Part No.	SIZE		
	d	D	B
ZT-16	16	10	2
ZT-20	20	13	2.2
ZT-25	25	18	2.2
ZT-32	32	23	2.6
ZT-40	40	31	2.6
ZT-50	50	41	2.6
ZT-63	63	51	3
ZT-80	80	68	3.4
ZT-100	100	88	3
ZT-125	125	113	3.4
ZT-158	158	145	4.4
ZT-160	160	148	3.4



SEAL INFORMATION	
Material	NBR / FKM
Temperature range	-30~230℃
Max pressure	≤ 1.0 MPa
Max speed	≤ 1.0 m/s
Application	Rod



Part No.	SIZE		
	d	D	H
COP-10	10	5.4	1.6
COP-12	12	7.4	1.6
COP-16	16	10	1.6
COP-16	16	11.4	1.6
COP-20	20	14	2.24
COP-22	22	14	3.5
COP-25	25	17	3
COP-30	30	22	3
COP-32	32	24	3
COP-40	40	32	3
COP-40A	40	28	2
COP-50	50	40	3.8

Part No.	SIZE		
	d	D	H
COP-63	63	53	3.8
COP-63A	63	51	2.1
COP-80	80	65	5.6
COP-85	85	70	5.6
COP-100	100	85	5.6
COP-115	115	100	5.6
COP-120	120	105	5.6
COP-125	125	110	5.6
COP-140	140	125	5.6
COP-155	155	140	5.6
COP-160	160	145	5.6
COP-160	160	140	6.6

Part No.	SIZE		
	d	D	H
COP-160	160	145	7.6
COP-170	170	160	6.6
COP-180	180	160	7.6
COP-190	190	180	6.6
COP-200	200	180	7.6
COP-210	210	200	6.6
COP-250	250	230	7.6
COP-300	300	280	7.6
COP-320	320	300	7.6
COP-400	400	380	7.6

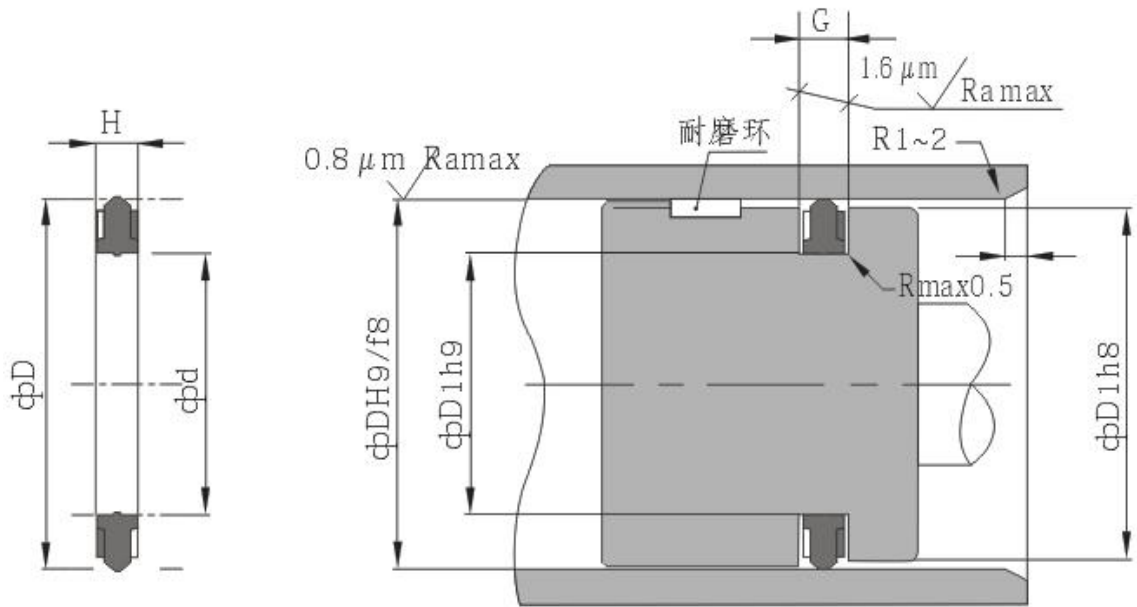


PPD
(Pneumatic)



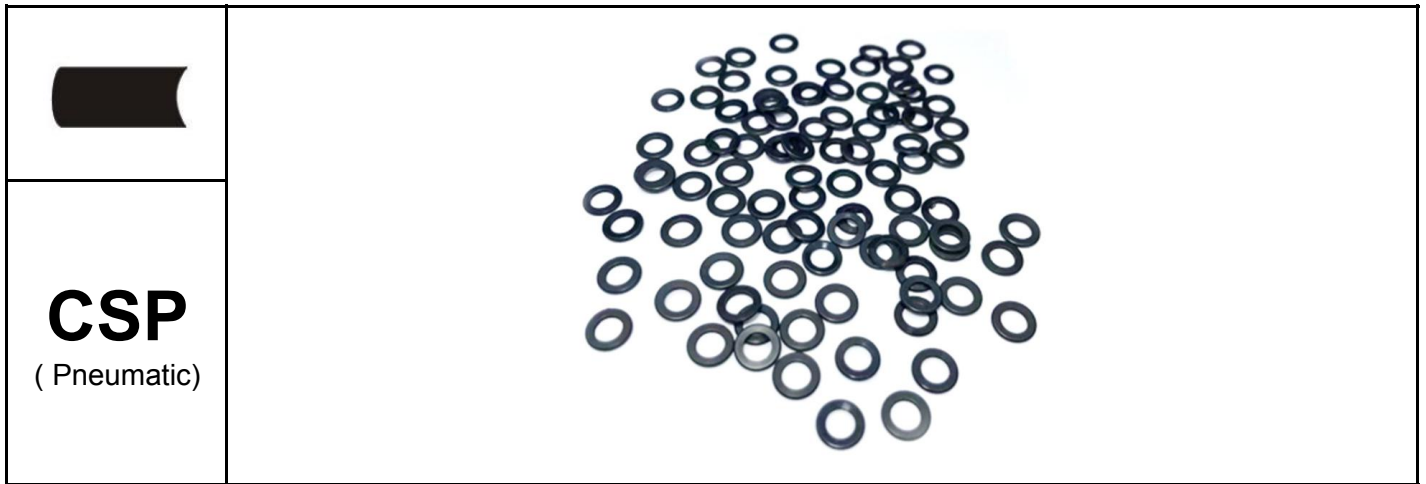
SEAL INFORMATION

Material	NBR / FKM
Temperature range	-30~230°C
Max pressure	≤ 1.0 MPa
Max speed	≤ 1.0 m/s
Application	Rod



Part No.	SIZE		
	d	D	H
PPD-10	10	5.4	1.6
PPD-12	12	7.4	1.6
PPD-15	15	10.4	1.6
PPD-16	16	11.4	1.6
PPD-20	20	14	2.2
PPD-25	25	17	3
PPD-30	30	22	3
PPD-32	32	24	3
PPD-40	40	32	3
PPD-50	50	40	3.7
PPD-63	63	53	3.7
PPD-80	80	65	5.6

Part No.	SIZE		
	d	D	H
PPD-100	100	85	5.6
PPD-125	125	110	5.6
PPD-140	140	125	5.6
PPD-160	160	140	7.6
PPD-180	180	160	7.6

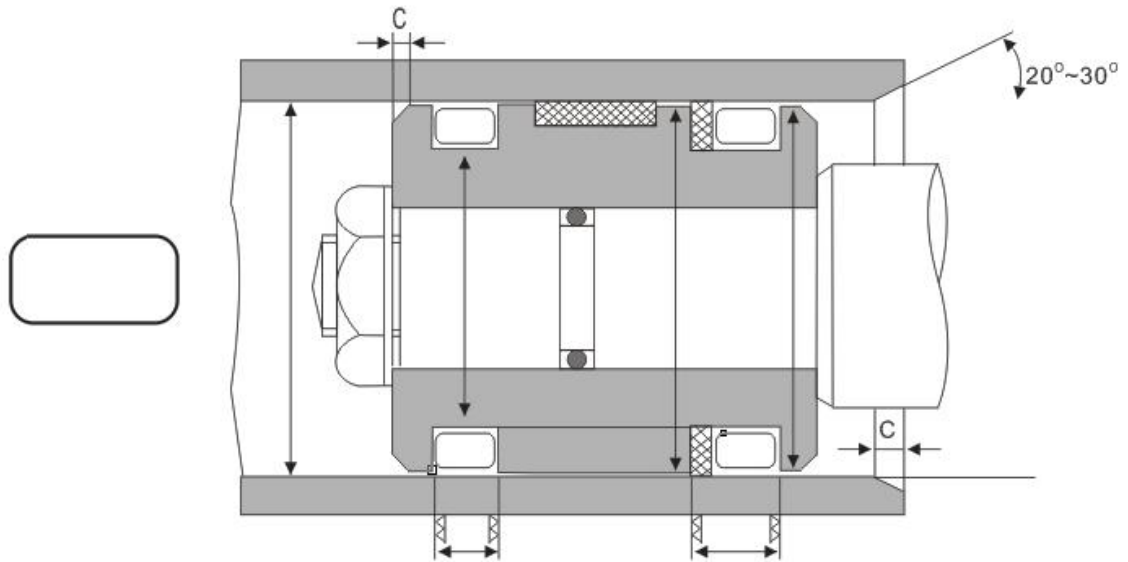


CSP

(Pneumatic)

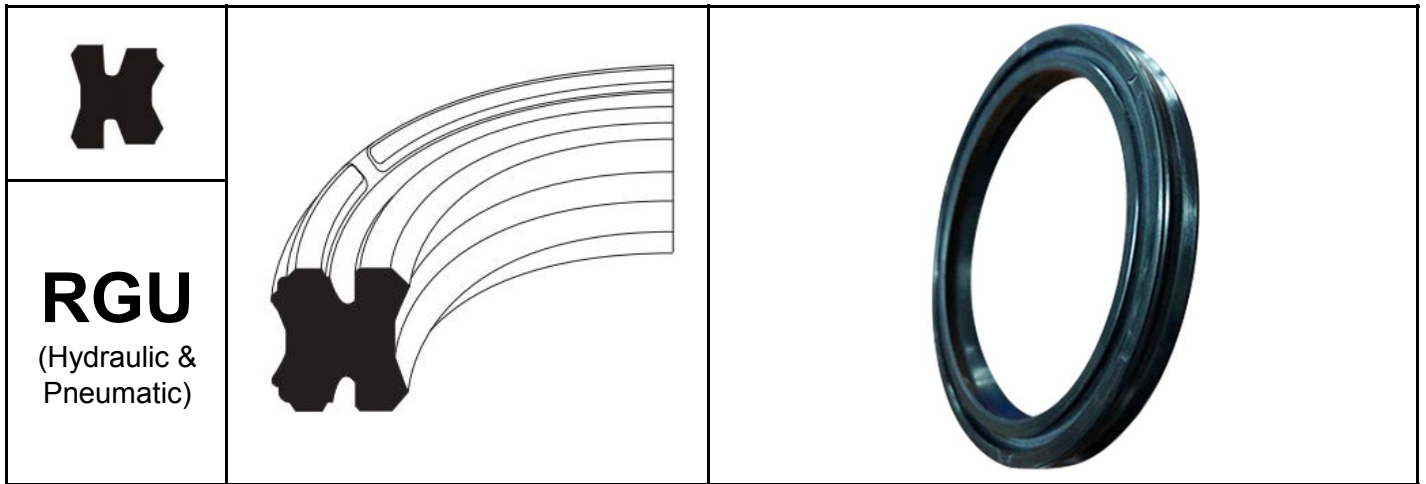
SEAL INFORMATION

Material	NBR / FKM
Temperature range	-30~230°C
Max pressure	≤ 1.0 MPa
Max speed	≤ 1.0 m/s
Application	Rod

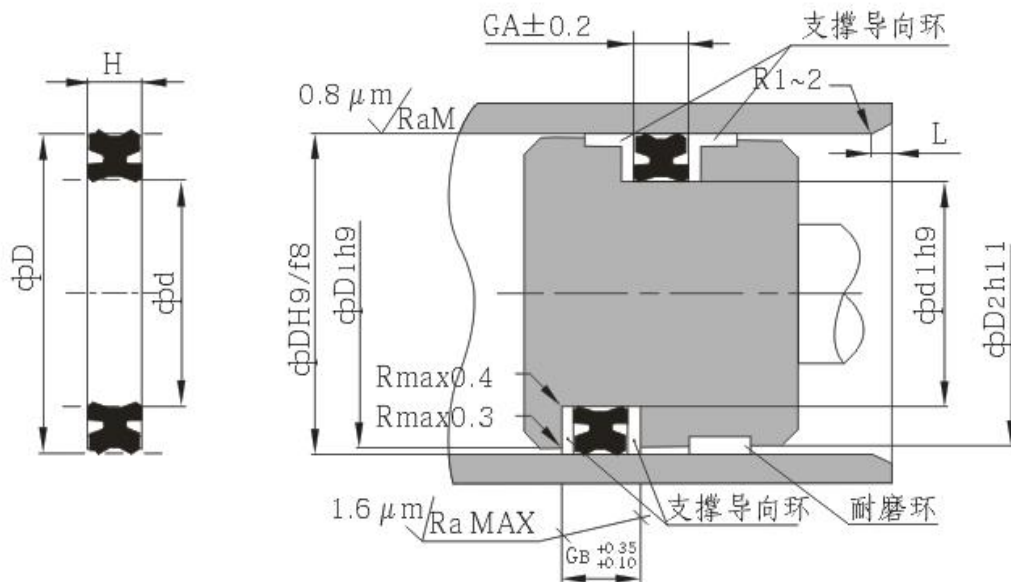


Part No.	SIZE	
	d	D
CSP	7.5	4
CSP	7.7	3.9
CSP	8	4.5
CSP	10	4
CSP	10	5
CSP	10	6
CSP	10.15	5
CSP	10.2	5
CSP	10.4	5
CSP	11.15	5
CSP	11.5	6
CSP	11.5	5.5

Part No.	SIZE	
	d	D
CSP	11.7	6
CSP	12	7
CSP	12.6	7.4
CSP	12.7	7
CSP	12.8	7.4
CSP	14.15	6.8
CSP	16	9
CSP	16.5	9



SEAL INFORMATION	
Material	NBR / FKM
Temperature range	-30~230°C
Max pressure	≤ 32 MPa
Max speed	≤ 1.0 m/s
Application	Rod



Part No.	SIZE		
	d	D	H
RGU-40	40	30	6.5
RGU-45	45	35	6.5
RGU-50	50	40	6.5
RGU-55	55	45	6.5
RGU-60	60	50	6.5
RGU-63	63	53	6.5
RGU-65	65	55	6.5
RGU-70	70	60	6.5
RGU-75	75	65	6.5
RGU-80	80	67	8
RGU-85	85	72	8
RGU-90	90	77	8

Part No.	SIZE		
	d	D	H
RGU-100	100	85	9



TDP
(Pneumatic)

SEAL INFORMATION	
Material	NBR / Steel
Temperature range	-30~105°C
Max pressure	≤ 16 bar
Max speed	≤ 1.0 m/s
Application	Rod



Part No.	SIZE		
	d	D	B
TDP-25	25	8	12
TDP-32	32	8	15
TDP-32	32	0	15
TDP-40	40	8	20
TDP-40	40	10	18
TDP-50	50	10	18
TDP-50	50	8	17.5
TDP-50	50	8	20
TDP-50	50	0	20
TDP-60	60	12	22
TDP-63	63	12	22
TDP-63	63	14	22

Part No.	SIZE		
	d	D	B
TDP-63A	63A	16	22
TDP-65	65	12	25
TDP-70	70	12	22
TDP-80	80	12	25
TDP-80	80	16	24
TDP-85	85	12	25
TDP-90	90	12	25
TDP-100	100	20	26
TDP-125	125	20	26
TDP-160	160	27	30
TDP-160	160	27	21/48
TDP-160A	160	20	30

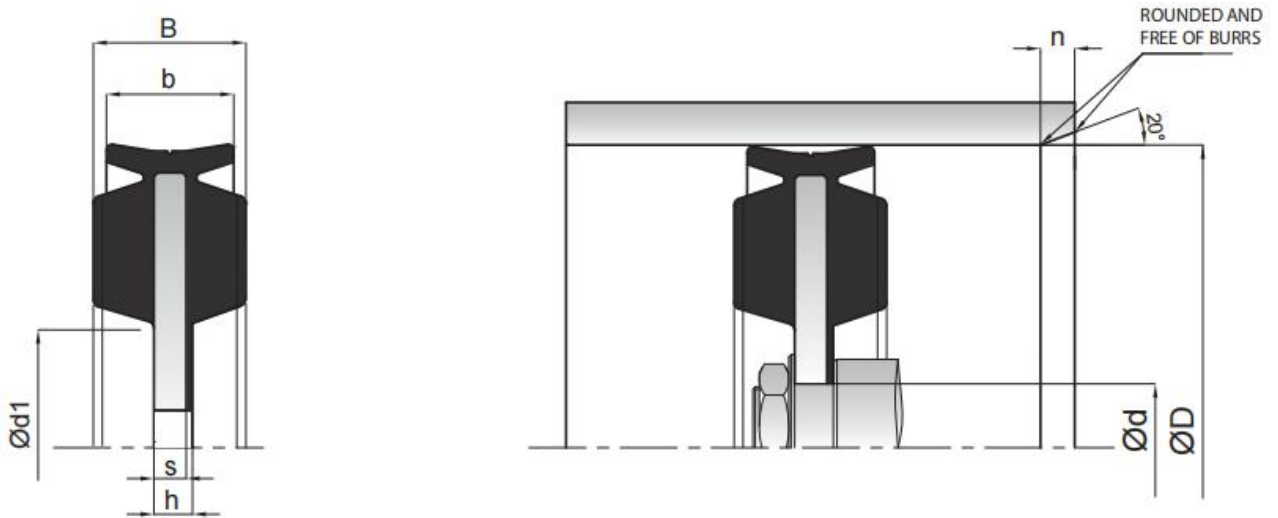
Part No.	SIZE		
	d	D	B
TDP-200	200	27	35
TDP-250	250	30	40





PDP
(Pneumatic)

SEAL INFORMATION	
Material	NBR / Aluminium
Temperature range	-30~105°C
Max pressure	≤ 12 bar
Max speed	≤ 1.0 m/s
Application	Rod



Part No.	SIZE		
	d	D	B
PDP	6	2	3.8
PDP	8	3	5
PDP	10	3	5
PDP	12	4.5	6
PDP	12	4.5	6
PDP	16	4.5	6.5
PDP	16	4.5	6.5
PDP	16	5	6
PDP	20	5	6.5
PDP	20	6	7.5
PDP	20	6	7.5
PDP	25	7	8.8

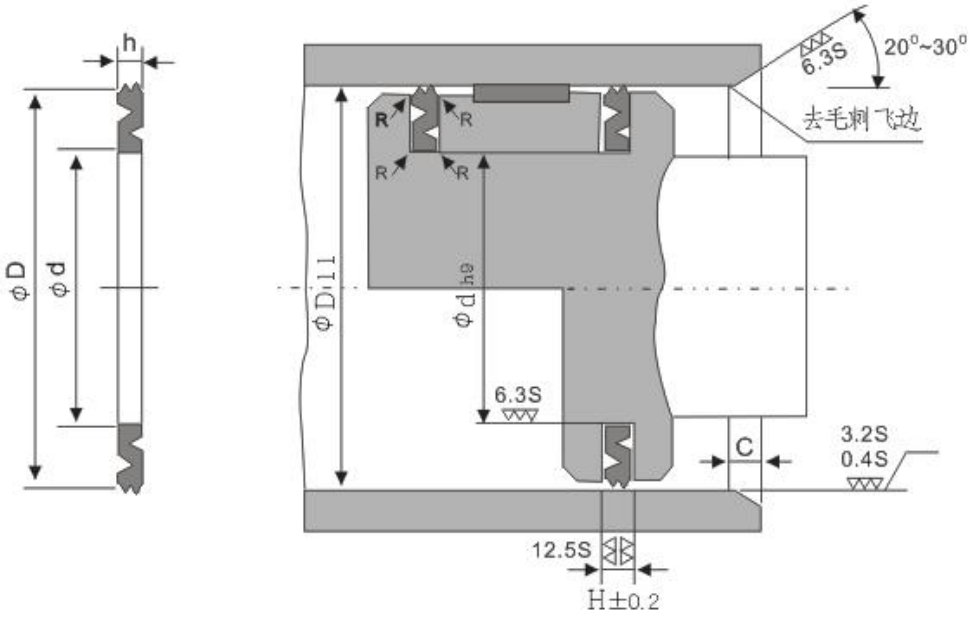
Part No.	SIZE		
	d	D	B
PDP	25	7	8.8
PDP	25	8	7
PDP	32	8	8.5
PDP	32	8	11
PDP	32	10	8.5
PDP	40	8	11
PDP	40	8	11.8
PDP	40	10	11
PDP	40	10	14
PDP	50	10	14
PDP	50	12	11
PDP	50	12	14

Part No.	SIZE		
	d	D	B
PDP	63	10	17
PDP	63	12	14
PDP	63	14	11
PDP	63	14	14.5
PDP	80	16	14
PDP	80	16	16
PDP	100	16	15
PDP	100	17	18.5
PDP	100	20	18
PDP	125	20	17



PPZ
(Pneumatic)

SEAL INFORMATION	
Material	NBR
Temperature range	-30~105°C
Max pressure	≤ 1.2 MPa
Max speed	≤ 1.0 m/s
Application	Rod

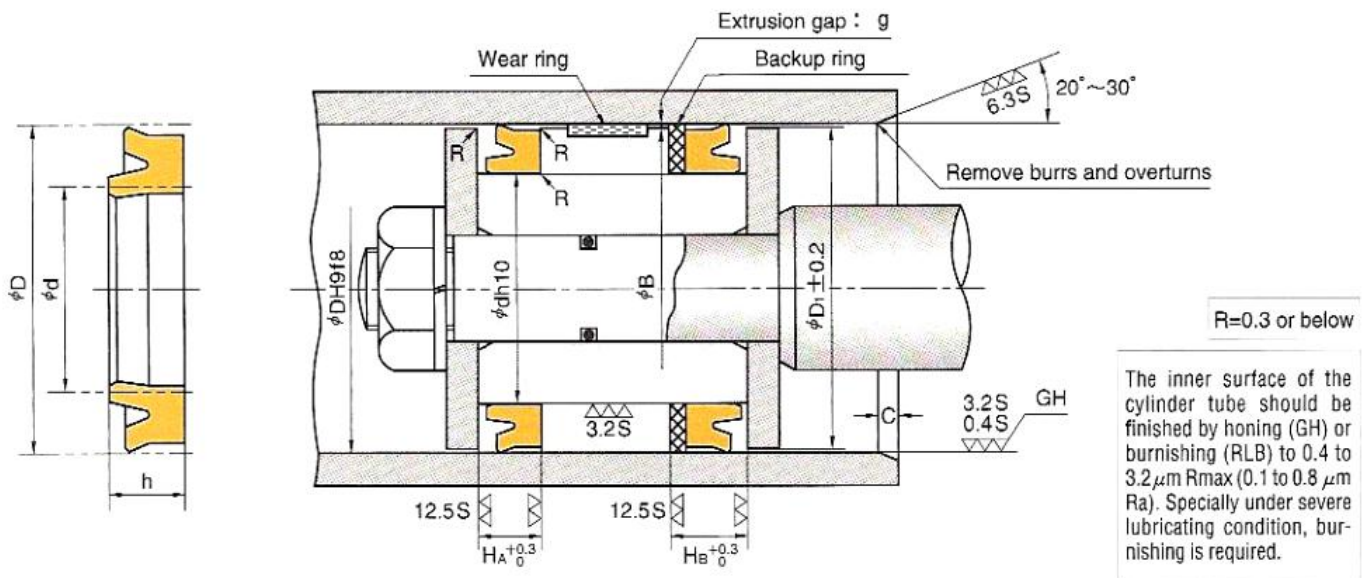


Part No.	SIZE		
	d	D	h
PPZ-12	12	7	2
PPZ-16	16	9	2.1
PPZ-20	20	13	2.1
PPZ-25	25	18	2.1
PPZ-28	28	19	2.5
PPZ-30	30	21	2.5
PPZ-32	32	21	2.5
PPZ-32	32	23	2.5
PPZ-40	40	31	2.5
PPZ-50	50	41	2.5
PPZ-62	62	45	4.4
PPZ-63	63	51	3.4

Part No.	SIZE		
	d	D	h
PPZ-66	66	50	4.4
PPZ-80	80	68	3.4
PPZ-86	86	71	3.4
PPZ-100	100	88	3.4
PPZ-100	100	88	4.5
PPZ-110	110	95	4.4
PPZ-125	125	110	4.4
PPZ-125	125	110	5.5
PPZ-140	140	125	4.4



SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max pressure	≤ 35 MPa
Max speed	≤ 1.0 m/s
Application	Rod



Part No.	SIZE		
	d	D	h
ODI / FU2150H0	18	8	7.5
ODI / FU0202H0	19.2	11.2	5.0
ODI / FU0205H0	20	10	6.0
ODI / FU0206H0	20	10	7.5
ODI / FU0207H0	20	10	8.0
ODI / FU0208H0	20	12	5.0
ODI / FU0242H0	22	14	5.0
ODI / FU2151H0	24	14	7.5
ODI / FUQ273H0	25	15	6.0
ODI / FU0274H0	25	15	8.0
ODI / FU0275H0	25	17	5.0
ODI / FU2152H0	26	16	7.5

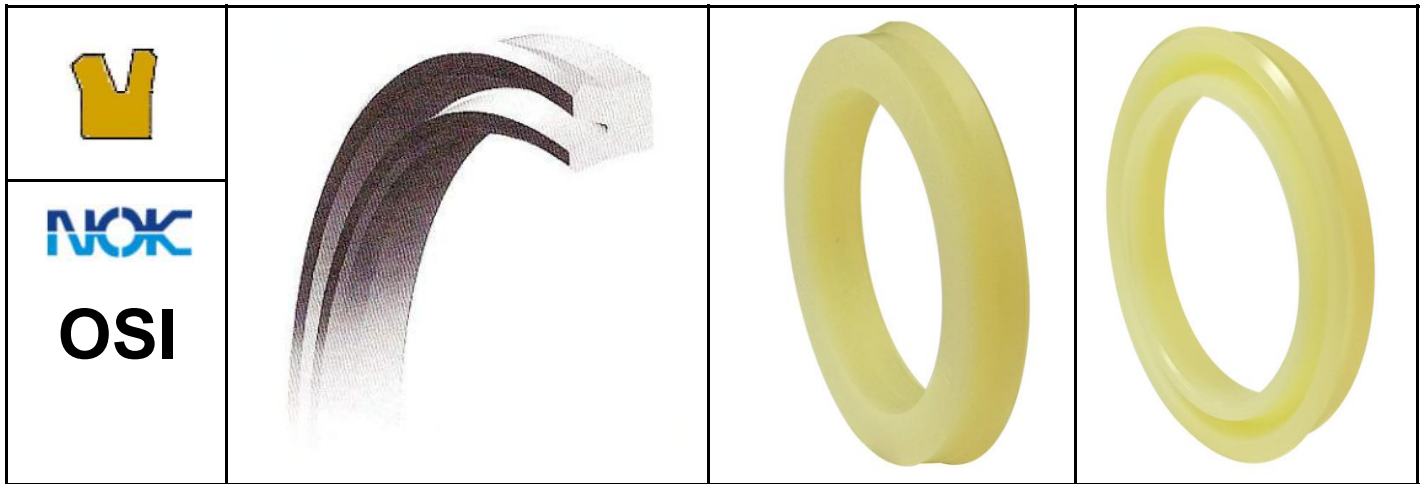
Part No	SIZE		
	d	D	h
ODI / FU0310H0	26	18	5
ODI / FU2153H0	28	15	10
ODI / FU2138H0	28	20	5
ODI / FU0351H0	30	20	5
ODI / FU0352H0	30	20	6
ODI / FU0353H0	30	20	8
ODI / FU2139H0	30	22.4	5
ODI / FU2154H0	31	18	10
ODI / FU0377H0	31.5	18.5	8
ODI / FU0378H0	31.5	18.5	10
ODI / FU0379H0	31.5	21.5	6
ODI / FU0380H0	31.5	21.5	8

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>h</i>
ODI / FU0381 H0	31.5	23.5	5
ODI / FU2155H0	33	20	10
ODI / FU2140H0	33	25	5
ODI / FU2156H0	35	22	10
ODI / FU0418H0	35	25	6
ODI / FU0419H0	35	25	8
ODI / FU2157H0	35.4	22.4	10
ODI	35.5	22.5	6
ODI / FU0446H0	35.5	22.5	8
ODI / FU0447H0	35.5	22.5	10
ODI / FU0448H0	35.5	25.5	6
ODI / FU0449H0	35.5	25.5	8
ODI / FU0466H0	38	25	10
ODI / FU0485H0	40	25	9
ODI / FU0486H0	40	25	10
ODI / FU048BH0	40	27	8
ODI / FU0489H0	40	27	10
ODI / FU0491H0	40	30	8
ODI / FU2158H0	41	28	10
ODI / FU2159H0	43	30	9
ODI / FU2160H0	44.5	31.5	10
ODI / FU0559H0	45	30	9
ODI / FU0560H0	45	30	10
ODI / FU0561H0	45	32	8
ODI / FU0562H0	45	32	10
ODI / FU0564H0	45	35	8
ODI / FU0608H0	50	34	10
ODI / FU0609H0	50	34	12
ODI / FU0610H0	50	35	9
ODI / FU0611H0	50	35	10
ODI / FU2161H0	50	35	12
ODI / FU0614H0	50	40	8
ODI / FU2162H0	51.5	35.5	12
ODI / FU0689H0	55	40	9
ODI / FU0690H0	55	40	10
ODI / FU0693H0	55	45	8
ODI / FU0716H0	56	40	10
ODI / FU0717H0	56	40	12
ODI / FU0718H0	56	41	g
ODI / FU0719H0	56	41	10
ODI / FU0721H0	56	46	8
ODI / FU0740H0	60	45	9
ODI / FU0741H0	60	45	10
ODI / FU0743H0	60	50	8
ODI / FU2163H0	61	45	12
ODI / FU0779H0	63	47	10
ODI / FU0780H0	63	47	12
ODI / FU0781H0	63	48	9
ODI / FU0782H0	63	48	10
ODI / FU0785H0	63	53	8
ODI / FU0804H0	65	50	9
ODI / FU0805H0	65	50	10
ODI / FU0808H0	65	55	8
ODI / FU2164H0	66	50	12
ODI / FU0836H0	69	53	12
ODI / FU0842H0	70	50	12
ODI / FU0844H0	70	55	9
ODI / FU0845H0	70	55	10

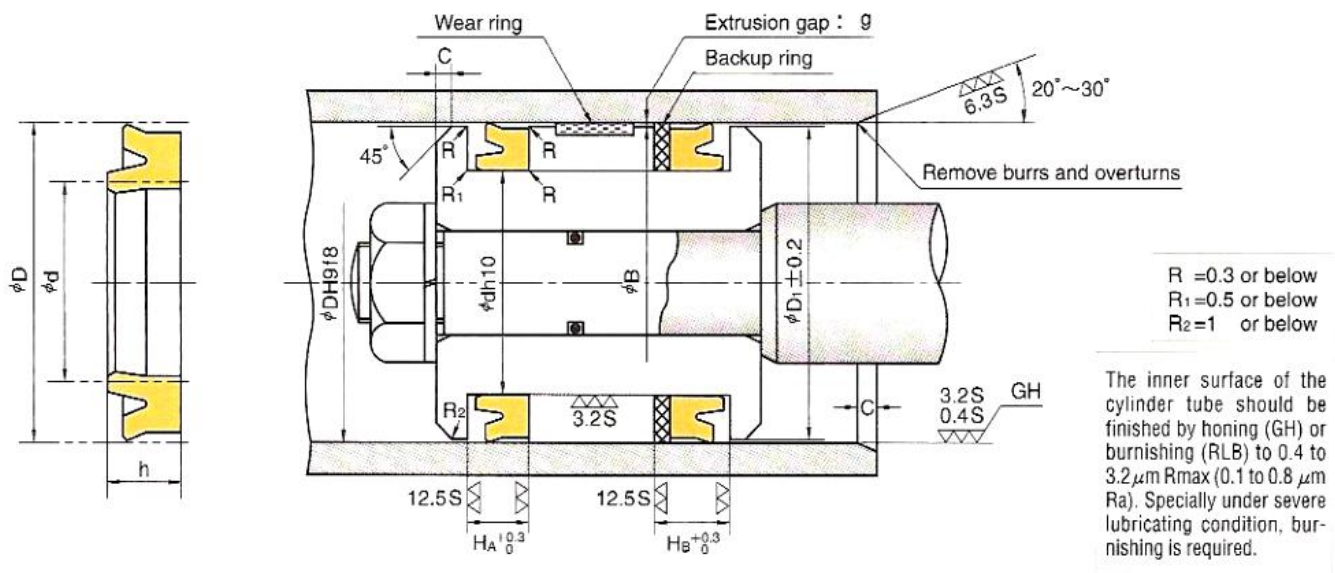
Part No	SIZE		
	<i>d</i>	<i>D</i>	<i>h</i>
ODI / FU0847H0	70	60	8
ODI / FU0872H0	71	51	12
ODI / FU0873H0	71	55	10
ODI / FU0874H0	71	55	12
ODI / FU0875H0	71	56	9
ODI / FU0876H0	71	56	10
ODI / FU0878H0	71	61	8
ODI / FU0894H0	75	55	12
ODI / FU0895H0	75	60	9
ODI / FU0896H0	75	60	10
ODI / FU0898H0	75	65	B
ODI / FU2165H0	76	60	12
ODI / FU0929H0	80	60	12
ODI / FU0931H0	80	64	10
ODI / FU0932H0	80	64	12
ODI / FU0933H0	80	65	9
ODI / FU0934H0	80	65	10
ODI / FU0937H0	80	70	8
ODI / FU0974H0	85	65	12
ODI / FU0977H0	85	70	9
ODI / FU0978H0	85	70	10
ODI / FU0980H0	85	75	8
ODI / FU1014H0	90	70	12
ODI / FU1015H0	90	70	15
ODI / FU1017H0	90	75	9
ODI / FU1018H0	90	75	10
ODI / FU1020H0	90	80	B
ODI / FU1045H0	95	75	12
ODI / FU1046H0	95	75	15
ODI / FU1047H0	95	80	9
ODI / FU1048H0	95	80	10
ODI / FU1072H0	100	80	12
ODI / FU1074H0	100	80	15
ODI / FU1079H0	100	85	10
ODI / FU2166H0	105	85	15
ODI / FU1149H0	110	90	12
ODI / FU1150H0	110	90	15
ODI / FU1153H0	110	95	10
ODI / FU1174H0	112	92	12
ODI / FU1175H0	112	92	15
ODI / FU1176H0	112	97	9
ODI / FU1177H0	112	97	10
ODI / FU2167H0	115	95	15
ODI / FU1210H0	120	100	12
ODI / FU1211H0	120	100	15
ODI / FU1213H0	120	105	10
ODI / FU1243H0	125	105	12
ODI	125	105	14.5
ODI / FU1244H0	125	105	15
ODI / FU1245H0	125	105	16
ODI / FU1247H0	125	110	9
ODI / FU1248H0	125	110	10
ODI / FU1274H0	130	110	12
ODI / FU1275H0	130	110	15
ODI / FU1276H0	130	110	16
ODI / FU1279H0	130	115	10
ODI / FU2168H0	132	112	15
ODI / FU1316H0	140	120	12

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>h</i>
ODI / FU1317H0	140	120	15
ODI / FU1318H0	140	120	16
ODI / FU1321H0	140	125	10
ODI / FU2169H0	150	125	19
ODI / FU1351H0	150	125	20
ODI / FU1352H0	150	130	12
ODI / FU1354H0	150	130	16
ODI	150	135	9
ODI / FU1357H0	150	135	10
ODI / FU1909H0	157	132	20
ODI / FU2170H0	160	135	19
ODI / FU1398H0	160	135	20
ODI / FU1399H0	160	140	12
ODI / FU1402H0	160	140	16
ODI / FU1405H0	160	145	10
ODI / FU1426H0	165	140	19
ODI / FU2186H0	165	140	20
ODI / FU1436H0	170	145	19
ODI / FU1437H0	170	145	20
ODI / FU1438H0	170	150	12
ODI / FU1440H0	170	150	16
ODI / FU1442H0	170	155	10
ODI / FU1475H0	180	155	16
ODI / FU2171H0	180	155	19
ODI / FU1476H0	180	155	20
ODI / FU1478H0	180	160	12
ODI / FU1479H0	180	160	16
ODI / FU1482H0	180	165	10
ODI / FU2172H0	185	160	19
ODI / FU2187H0	185	160	20
ODI / FU1507H0	190	165	16
ODI / FU1508H0	190	165	20
ODI / FU1509H0	190	170	12
ODI / FU1510H0	190	170	16
ODI / FU1512H0	190	175	10
ODI / FU1536H0	200	175	16
ODI / FU2173H0	200	175	19
ODI / FU1538H0	200	175	20
ODI / FU1540H0	200	180	16
ODI / FU2174H0	205	180	19
ODI / FU2188H0	205	180	20
ODI / FU1570H0	210	185	16
ODI / FU1571H0	210	185	20
ODI / FU1573H0	210	190	16
ODI / FU2260H0	215	190	16
ODI / FU1592H0	220	195	16
ODI / FU1593H0	220	195	20
ODI / FU1595H0	220	200	16
ODI / FU1604H0	224	199	16
ODI / FU1605H0	224	199	20
ODI / FU1607H0	224	204	16
ODI / FU1616H0	225	200	16
ODI / FU2175H0	225	200	19
ODI / FU1617H0	225	200	20
ODI / FU1619H0	225	205	16
ODI / FU1632H0	230	205	16
ODI / FU1633H0	230	205	19

Part No	SIZE		
	<i>d</i>	<i>D</i>	<i>h</i>
ODI / FU1634H0	230	205	20
ODI / FU1636H0	230	210	16
ODI / FU1652H0	240	215	16
ODI / FU1653H0	240	215	19
ODI / FU1654H0	240	215	20
ODI / FU1656H0	240	220	16
ODI / FU1671H0	250	225	16
ODI / FU1672H0	250	225	19
ODI / FU1673H0	250	225	20
ODI / FU1676H0	250	230	16
ODI / FU1698H0	260	235	16
ODI / FU1699H0	260	235	19
ODI / FU1701H0	260	240	16
ODI / FU1715H0	270	245	16
ODI / FU1716H0	270	245	19
ODI / FU1718H0	270	250	16
ODI / FU2176H0	275	250	19
ODI / FU2189H0	275	250	20
ODI / FU1729H0	280	250	19
ODI / FU1731H0	280	255	19
ODI / FU1744H0	290	260	19
ODI / FU1746H0	290	265	19
ODI / FU2177H0	297	265	24
ODI / FU2190H0	297	265	25
ODI / FU1758H0	300	270	19
ODI / FU2178H0	300	270	24
ODI / FU1759H0	300	270	25
ODI / FU1761H0	300	275	19
ODI / FU2193H0	312	280	24
ODI / FU2194H0	332	300	24



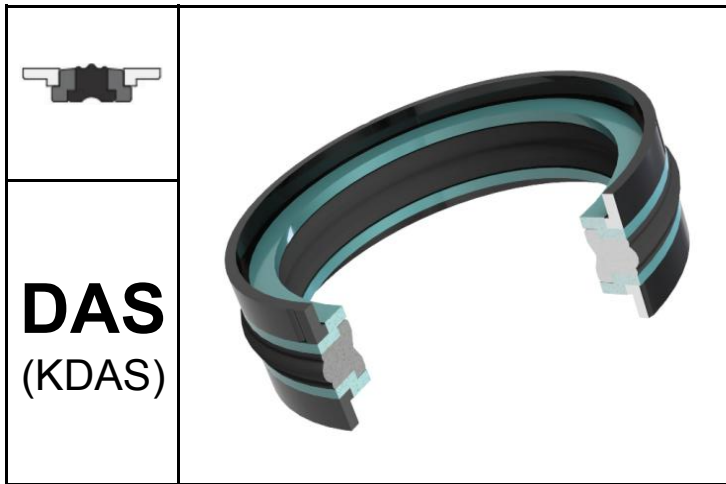
SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max pressure	≤ 31.5 MPa
Max speed	≤ 1.0 m/s
Application	Rod



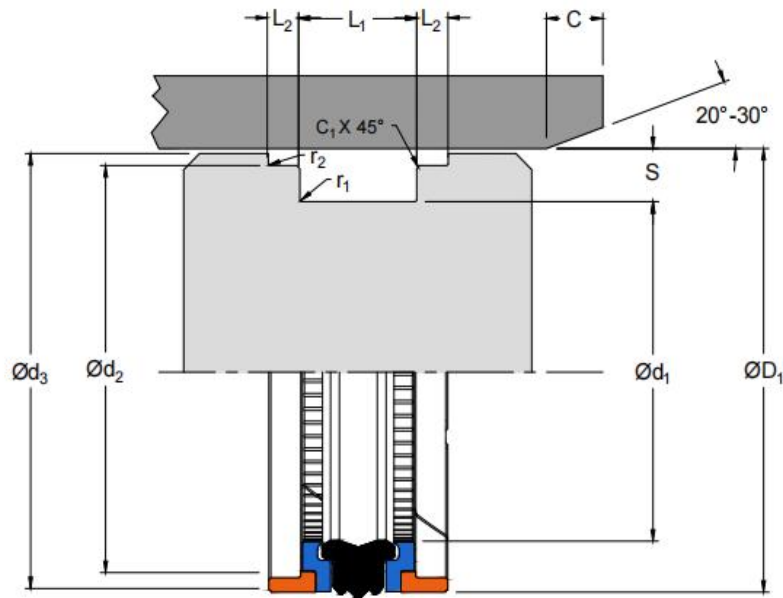
Part No.	SIZE		
	d	D	h
	26	21	4.2
FU0420L0	35	27	5.0
FU0450L0	35.5	27.5	5.0
FU2141L0	35.5	28	5.0
FU0490L0	40	30	6.0
FU2142L0	41.5	31.5	6.0
FU0563L0	45	35	6.0
FU2143L0	45	35.5	6.0
FU0613L0	50	40	6.0
FU0692L0	55	45	6.0
FU2144L0	56	45	7.0
FU0720L0	56	46	6.0

Part No	SIZE		
	d	D	h
FU0742L0	60	50	6
FU0784L0	63	53	6
FU0807L0	65	55	6
FU0825L0	66	56	6
FU0846L0	70	60	6
FU2145L0	71	60	7
FU0877L0	71	61	6
FU0889L0	73	63	6
FU0897L0	75	65	6
FU0922L0	77	67	6
FU0936L0	80	70	6
FU2146L0	80	71	6

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>h</i>
FU0979L0	85	75	6
FU1019L0	90	80	6
FU1078L0	100	85	9
FU1120L0	105	90	9
FU1152L0	110	95	9
FU2147L0	112	98	9
FU1193L0	115	100	9
FU1212L0	120	105	9
FU2148L0	120	106	9
FU1926L0	125	112	9



SEAL INFORMATION	
Material	NBR / TPE / POM
Temperature range	-30~105°C
Max pressure	≤ 400 Bar
Max speed	≤ 0.5 m/s
Application	Rod

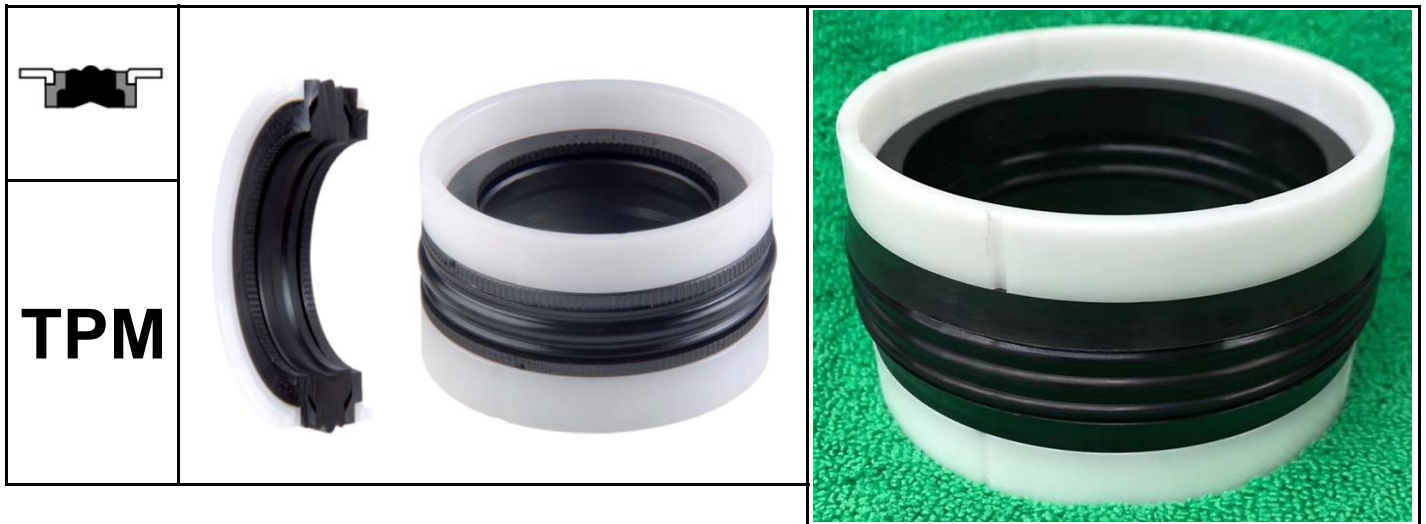


Part No.	SIZE				
	D_1	d_1	H ($L_1+L_2+L_3$)	L_1	L_2
KDAS-20 11	20	11	17.7	13.5	2.1
KDAS-22 13	22	13	17.7	13.5	2.1
KDAS-25 15	25	15	20.0	12	4
KDAS-25 15/1	25	15	20.5	12.5	4
KDAS-25 15/2	25	15	29.1	16.4	6.35
KDAS-25 16	25	16	17.7	13.5	2.1
KDAS-28 19	28	19	17.7	13.5	2.1
KDAS-30 21	30	21	17.7	13.5	2.1
KDAS-32 022/1	32	22	20.7	15.5	2.6
KDAS-32 022	32	22	29.1	16.4	6.35
KDAS-32 024	32	24	21.9	15.5	3.2

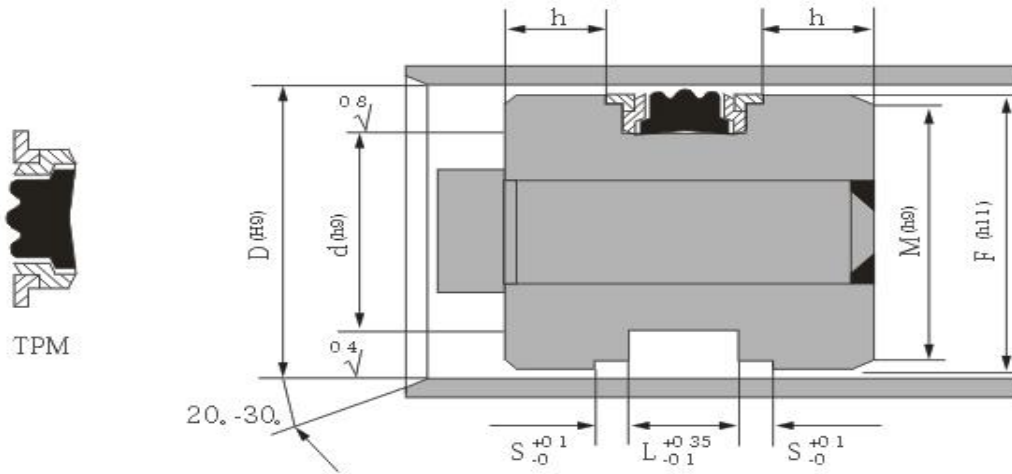
Part No.	SIZE				
	D_1	d_1	H ($L_1+L_2+L_3$)	L_1	L_2
KDAS-35 025/1	35	25	20.7	15.5	2.6
KDAS-35 25	35	25	29.1	16.4	6.35
KDAS-40 24	40	24	31.1	18.4	6.35
KDAS-40 26	40	26	20.7	15.5	2.6
KDAS-40 30/1	40	30	20.5	12.5	4
KDAS-40 30/2	40	30	20.5	12.5	4
KDAS-40 30	40	30	29.1	16.4	6.35
KDAS-42 28	42	28	20.7	15.5	2.6
KDAS-42 29	45	29	31.1	18.4	6.35
KDAS-45 31	45	31	20.7	15.5	2.6
KDAS-45 35	45	35	29.1	16.4	6.35

Part No.	SIZE				
	D_1	d_1	H ($L_1+L_2+L_2$)	L_1	L_2
KDAS-50 34	50	34	31.1	18.4	6.35
KDAS-50 34/1	50	34	26.7	20.5	3.1
KDAS-50 38	50	38	28.9	20.5	4.2
KDAS-55 39	55	39	31.1	18.4	6.35
KDAS-55 39/1	55	39	26.7	20.5	3.1
KDAS-56 40	56	40	26.7	20.5	3.1
KDAS-60 44	60	44	31.1	18.4	6.35
KDAS-60 44/1	60	44	26.7	20.5	3.1
KDAS-60 48	60	48	28.9	20.5	4.2
KDAS-63 47	63	47	31.1	18.4	6.35
KDAS-63 47/2	63	47	32.1	19.4	6.35
KDAS-63 47/1	63	47	26.7	20.5	3.1
KDAS-63 51	63	51	28.9	20.5	4.2
KDAS-65 49	65	49	26.7	20.5	3.1
KDAS-65 50	65	50	31.1	18.4	6.35
KDAS-70 50	70	50	35.1	22.4	6.35
KDAS-70 54	70	54	26.7	20.5	3.1
KDAS-70 58	70	58	28.9	20.5	4.2
KDAS-75 55	75	55	35.1	22.4	6.35
KDAS-75 59	75	59	26.7	20.5	3.1
KDAS-80 60	80	60	35.1	22.4	6.35
KDAS-80 62	80	62	29.7	22.5	3.6
KDAS-80 66	80	66	32.9	22.5	5.2
KDAS-85 65	85	65	35.1	22.4	6.35
KDAS-90 70	90	70	35.1	22.4	6.35
KDAS-90 72	90	72	29.7	22.5	3.6
KDAS-90 76	90	76	32.9	22.5	5.2
KDAS-95 75	95	75	35.1	22.4	6.35
KDAS-100 75	100	75	35.1	22.4	6.35
KDAS-100 80	100	80	37.7	25	6.35
KDAS-100 82	100	82	29.7	22.5	3.6
KDAS-100 86	100	86	32.9	22.5	5.2
KDAS-105 80	105	80	35.1	22.4	6.35
KDAS-110 85	110	85	35.1	22.4	6.35
KDAS-110 92	110	92	29.7	22.5	3.6
KDAS-110 96	110	96	32.9	22.5	5.2
KDAS-115 90	115	90	35.1	22.4	6.35
KDAS-115 97	115	97	29.7	22.5	3.6
KDAS-120 95	120	95	35.1	22.4	6.35
KDAS-120106	120	106	32.9	22.5	5.2
KDAS-125 100	125	100	38.1	25.4	6.35
KDAS-125 103	125	103	36.7	26.5	5.1
KDAS-125 108	125	108	40.9	26.5	7.2
KDAS-130 105	130	105	44.4	25.4	9.5
KDAS-130 105/1	130	105	38.1	25.4	6.35
KDAS-135 110	135	110	44.4	25.4	9.5
KDAS-135 110/1	135	110	38.1	25.4	6.35
KDAS-140 115	140	115	44.4	25.4	9.5
KDAS-140 115/1	140	115	38.1	25.4	6.35
KDAS-140 118	140	118	36.7	26.5	5.1
KDAS-140 123	140	123	40.9	26.5	7.2
KDAS-145 120	145	120	44.4	25.4	9.5
KDAS-145 120/1	145	120	38.1	25.4	6.35
KDAS-150 125	150	125	44.4	25.4	9.5
KDAS-150 125/1	150	125	38.1	25.4	6.35
KDAS-150 128	150	128	36.7	26.5	5.1
KDAS-150 133	150	133	40.9	26.5	7.2

Part No.	SIZE				
	D_1	d_1	H ($L_1+L_2+L_2$)	L_1	L_2
KDAS-155 130	155	130	44.4	25.4	9.5
KDAS-155 130/1	155	130	38.1	25.4	6.35
KDAS-160 130	160	130	38.1	25.4	6.35
KDAS-160 130/1	160	130	44.4	25.4	9.5
KDAS-160 135	160	135	44.4	25.4	9.5
KDAS-160 138	160	138	36.7	26.5	5.1
KDAS-160 143	160	143	40.9	26.5	7.2
KDAS-165 140	165	140	44.4	25.4	9.5
KDAS-170 145	170	145	50.8	25.4	12.7
KDAS-170 148	170	148	36.7	26.5	5.1
KDAS-175 150	175	150	50.8	25.4	12.7
KDAS-180 150	180	150	48.1	35.4	6.35
KDAS-180 155	180	155	50.8	25.4	12.7
KDAS-185 160	185	160	50.8	25.4	12.7
KDAS-190 165	190	165	50.8	25.4	12.7
KDAS-195 170	195	170	50.8	25.4	12.7
KDAS-200 175	200	175	50.8	25.4	12.7
KDAS-210 185	210	185	50.8	25.4	12.7
KDAS-220 190	220	190	48.1	35.4	6.35
KDAS-220 195	220	195	50.8	25.4	12.7
KDAS-230 205	230	205	50.8	25.4	12.7
KDAS-240 215	240	215	50.8	25.4	12.7
KDAS-250 220	250	220	48.1	35.4	6.35
KDAS-250 225	250	225	50.8	25.4	12.7
KDAS-260 235	260	235	60.5	35.1	12.7
KDAS-280 250	280	250	54.4	35.4	9.5
KDAS-280 255	280	255	50.8	25.4	12.7
KDAS-300 275	300	275	50.8	25.4	12.7
KDAS-320 290	320	290	54.4	35.4	9.52
KDAS-320 290/1	320	290	50.8	25.4	12.7
KDAS-320 295	320	295	50.8	25.4	12.7
KDAS-360 335	360	335	50.8	25.4	12.7
KDAS-380 355	380	355	50.8	25.4	12.7
KDAS-400 375	400	375	50.8	25.4	12.7



SEAL INFORMATION	
Material	NBR / TPE / POM
Temperature range	-30~110°C
Max pressure	≤ 35 MPa
Max speed	≤ 0.5 m/s
Application	Rod



Part No.	SIZE				
	D	d	H (L+h+h)	L	h
TPM 98059	25	15	20.5	12.5	4
TPM 98059	25	15	29.1	16.4	6.35
TPM 98066	25	17	18.0	10	4
TPM 118066	30	17	28.1	15.4	6.35
TPM 125086	32	22	20.5	12.5	4
TPM 125086	32	22	29.1	16.4	6.35
TPM	32	24	21.9	15.5	3.2
TPM 125094	32	24	18.0	10	4
TPM 137098	35	25	29.1	16.4	6.35
TPM 157118	40	30	29.1	16.4	6.35
TPM 157118	40	30	20.5	12.5	4
TPM 157118	40	30	20.5	12.5	4
TPM 157125	40	32	18.0	10	4
TPM 157094	40	24	31.1	18.4	6.35

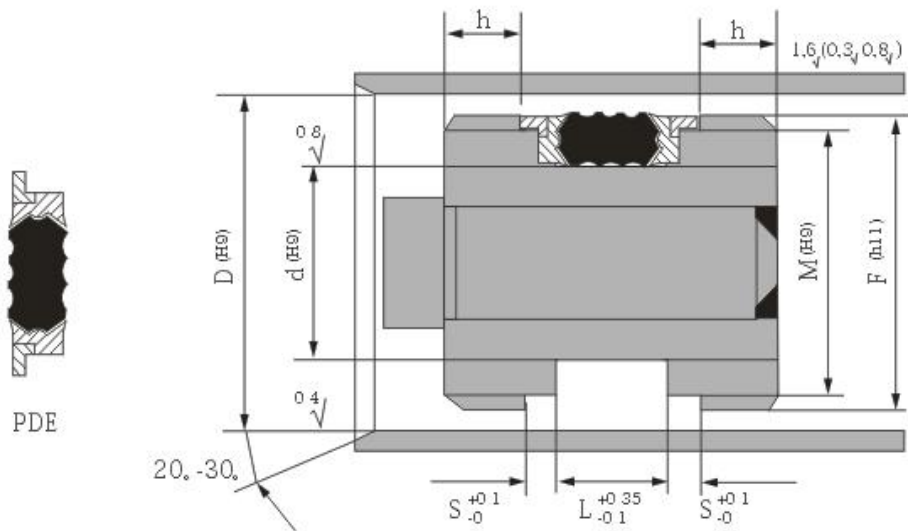
Part No.	SIZE				
	D	d	H (L+h+h)	L	h
TPM 177114	45	29	31.1	18.4	6.35
TPM 177137	45	35	29.1	16.4	6.35
TPM 196133	50	34	31.1	18.4	6.35
TPM 196137	50	35	30.0	20	5
TPM 196157	50	40	20.5	12.5	4
TPM 216153	55	39	31.1	18.4	6.35
TPM 216177	55	45	20.5	12.5	4
TPM 236173	60	44	31.1	18.4	6.35
TPM 236173/1	60	44	32.1	19.4	6.35
TPM 248185	63	47	31.1	18.4	6.35
TPM 248185/1	63	47	32.1	19.4	6.35
TPM 248188	63	48	30.0	20	5
TPM 248208	63	53	20.5	12.5	4
TPM 255196	65	50	31.1	18.4	6.35

Part No.	SIZE				
	D	d	H (L+h+h)	L	h
TPM 275196	70	50	35.1	22.4	6.35
TPM 275216	70	55	30.0	20	5
TPM 295216	75	55	35.1	22.4	6.35
TPM 314236	80	60	35.1	22.4	6.35
TPM 314236	80	60	37.7	25	6.35
TPM 314255	80	65	30.0	20	5
TPM 334255	85	65	35.1	22.4	6.35
TPM 334295	85	75	28.0	20	4
TPM 338255	86	65	35.1	22.4	6.35
TPM 354275	90	70	35.1	22.4	6.35
TPM 354275/1	90	70	33.7	21	6.35
TPM 354295	90	75	30.0	20	5
TPM 374295	95	75	35.1	22.4	6.35
TPM 393295	100	75	35.1	22.4	6.35
TPM 393314	100	80	37.7	25	6.35
TPM 393334	100	85	30.0	20	5
TPM 393338	100	86	30.0	20	5
TPM	100	86	20.4	20.4	
TPM	100	86	32.9	22.5	5.2
TPM 413314	105	80	35.1	22.4	6.35
TPM 417314	106	80	35.1	22.4	6.35
TPM 433334	110	85	35.1	22.4	6.35
TPM 433334/1	110	85	38.1	25.4	6.35
TPM 433354	110	90	38.1	25.3	6.4
TPM 433374	110	95	30.0	20	5
TPM 452354	115	90	35.1	22.4	6.35
TPM 472374	120	95	35.1	22.4	6.35
TPM 480374	122	95	35.1	22.4	6.35
TPM 492393	125	100	38.1	25.4	6.35
TPM 492393	125	100	52.0	32	10
TPM 492413	125	105	38.1	25.4	6.35
TPM 511413	130	105	44.4	25.4	9.52
TPM 492413	125	105	37.7	25	6.35
TPM 511413	130	105	38.0	25.3	6.35
TPM 531433	135	110	44.4	25.4	9.52
TPM 551452	140	115	44.4	25.4	9.52
TPM 551452/1	140	115	38.1	25.4	6.35
TPM 551472	140	120	37.7	25	6.35
TPM 570472	145	120	44.4	25.4	9.52
TPM	145	120	37.9	25.4	6.25
TPM 578480	147	122	44.4	25.4	9.52
TPM 582484	148	123	44.4	25.4	9.52
TPM	150	125	38.1	25.4	6.35
TPM 590492	150	125	44.4	25.4	9.52
TPM 590511	150	130	38.1	25.4	6.35
TPM 610511	155	130	44.4	25.4	9.52
TPM 629531	160	135	44.4	25.4	9.52
TPM 629511/2	160	130	52.0	32	10
TPM 629551	160	140	37.7	25	6.35
TPM 629511	160	130	44.4	25.4	9.52
TPM 629511/1	160	130	38.1	25.4	6.35
TPM 649551	165	140	44.4	25.4	9.52
TPM 669551	170	140	50.8	25.4	12.7
TPM 669570	170	145	50.8	25.4	12.7
TPM 688590	175	150	50.8	25.4	12.7
TPM 708610	180	155	50.8	25.4	12.7
TPM 708590	180	150	48.1	35.4	6.35

Part No.	SIZE				
	D	d	H (L+h+h)	L	h
TPM 708590	180	150	61.0	36	12.5
TPM 728629	185	160	50.8	25.4	12.7
TPM 748649	190	165	50.8	25.4	12.7
TPM 767699	195	170	50.8	25.4	12.7
TPM 787669	200	170	48.1	35.4	6.35
TPM 787669/1	200	170	61.0	36	12.5
TPM 787688	200	175	50.8	25.4	12.7
TPM 826728	210	185	50.8	25.4	12.7
TPM 866748	220	190	48.1	35.4	6.35
TPM 866767	220	195	50.8	25.4	12.7
TPM 886787	225	200	50.8	25.4	12.7
TPM 905807	230	205	50.8	25.4	12.7
TPM 944846	240	215	50.8	25.4	12.7
TPM 984886	250	225	50.8	25.4	12.7
TPM 984866	250	220	48.1	35.4	6.35
TPM 984866/1	250	220	61.0	36	12.5
TPM 1000882	254	224	60.8	35.4	12.7
TPM 1024925	260	235	60.5	35.1	12.7
TPM 1102984	280	250	54.4	35.4	9.52
TPM 12591141	320	290	54.4	35.4	9.52
TPM 12591141/1	320	290	61.0	36	12.5



SEAL INFORMATION	
Material	NBR / TPE / POM
Temperature range	-30~110°C
Max pressure	≤ 70 MPa
Max speed	≤ 0.5 m/s
Application	Rod



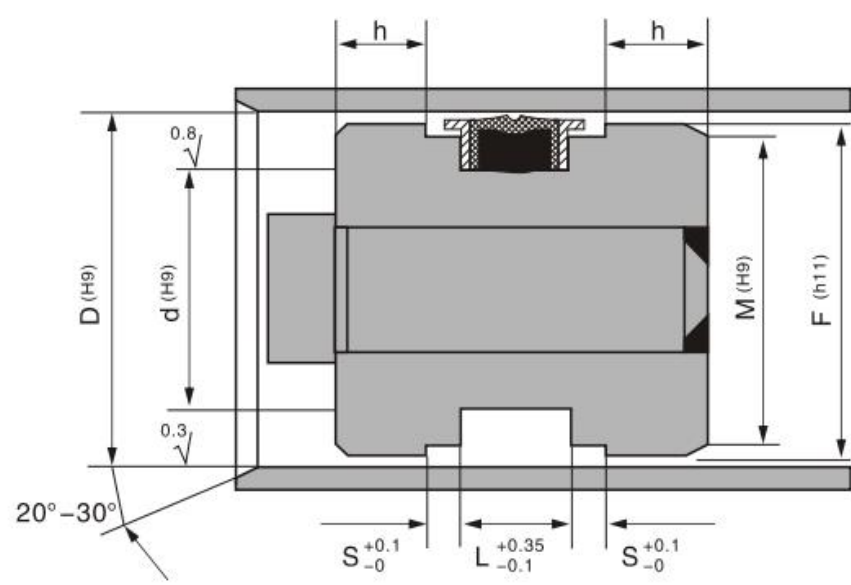
Part No.	SIZE				
	D	d	H (L+h+h)	L	h
PDE 177114/1	45	29	44.7	32	6.35
PDE 196133/1	50	34	44.7	32	6.35
PDE 216157/1	55	40	44.7	32	6.35
PDE 236173/1	60	44	44.7	32	6.35
PDE 248185/1	63	47	44.7	32	6.35
PDE 255192/1	65	49	44.7	32	6.35
PDE 275196/1	70	50	54.04	35	9.52
PDE 295216/1	75	55	54.04	35	9.52
PDE 314236/1	80	60	54.04	35	9.52
PDE 314251/1	80	64	51.04	32	9.52
PDE 334255/1	85	65	54.04	35	9.52

Part No.	SIZE				
	D	d	H (L+h+h)	L	h
PDE 354275/1	90	70	54.04	35	9.52
PDE 354291/1	90	74	51.04	32	9.52
PDE 374295/1	95	75	54.04	35	9.52
PDE 393314/1	100	80	54.04	35	9.52
PDE 433334/1	110	85	70.4	45	12.7
PDE 433354/1	110	90	54.04	35	9.52
PDE 452354/1	115	90	70.4	45	12.7
PDE 472374/1	120	95	70.4	45	12.7
PDE 472393/1	120	100	54.04	35	9.52
PDE 492393/1	125	100	70.4	45	12.7
PDE 511413/1	130	105	70.4	45	12.7

Part No.	SIZE				
	D	d	H (L+h+h)	L	h
PDE 511433/1	130	110	54.04	35	9.52
PDE 531433/1	135	110	70.4	45	12.7
PDE 551452/1	140	115	70.4	45	12.7
PDE 551472/1	140	120	54.04	35	9.52
PDE 570472/1	145	120	70.4	45	12.7
PDE 590492/1	150	125	70.4	45	12.7
PDE 629531/1	160	135	70.4	45	12.7
PDE 669551/1	170	140	70.4	45	12.7
PDE 708610/1	180	155	70.4	45	12.7
PDE 728629/1	185	160	70.4	45	12.7
PDE 732633/1	186	161	69.0	45	12
PDE 748649/1	190	165	70.4	45	12.7
PDE 787688/1	200	175	70.4	45	12.7
PDE 826728/1	210	185	70.4	45	12.7
PDE 866767/1	220	195	70.4	45	12.7
PDE 905807/1	230	205	70.4	45	12.7
PDE 944846/1	240	215	70.4	45	12.7
PDE 984886/1	250	225	70.4	45	12.7
PDE 1024925/1	260	235	70.4	45	12.7
PDE 1062965/1	270	245	70.4	45	12.7
PDE 11021004/1	280	255	70.4	45	12.7
PDE 11411043/1	290	265	70.4	45	12.7
PDE 11811082/1	300	275	70.4	45	12.7
PDE 12591161/1	320	295	70.4	45	12.7
PDE 13771279/1	350	325	70.4	45	12.7
PDE 14171318/1	360	335	69.9	44.5	12.7
PDE 14961397	380	355	70.4	45	12.7



SEAL INFORMATION	
Material	NBR / POM / Cotton Fabric
Temperature range	-30~110°C
Max pressure	≤ 350 bar
Max speed	≤ 0.8 m/s
Application	Rod



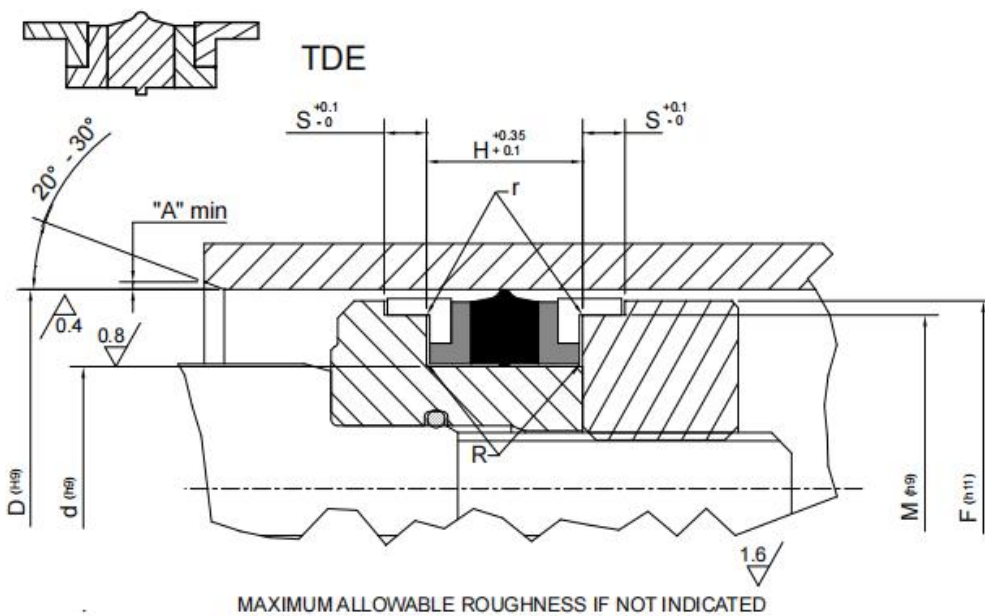
Part No.	SIZE				
	D	d	H (L+h+h)	L	h
SM 098066	25	17	19.9	13.5	3.2
SM 118086	30	22	19.9	13.5	3.2
SM 125094	32	24	21.9	15.5	3.2
SM 137106	35	27	21.9	15.5	3.2
SM 157125	40	32	21.9	15.5	3.2
SM 177145	45	37	21.9	15.5	3.2
SM 196149	50	38	28.9	20.5	4.2
SM 216175	55	43	28.9	20.5	4.2
SM 236188	60	48	28.9	20.5	4.2
SM 248200	63	51	28.9	20.5	4.2
SM 255208	65	53	28.9	20.5	4.2

Part No.	SIZE				
	D	d	H (L+h+h)	L	h
SM 275228	70	58	28.9	20.5	4.2
SM 295248	75	63	28.9	20.5	4.2
SM 314259	80	66	32.9	22.5	5.2
SM 334279	85	71	32.9	22.5	5.2
SM 354299	90	76	32.9	22.5	5.2
SM 393338	100	86	32.9	22.5	5.2
SM 433377	110	96	32.9	22.5	5.2
SM 472417	120	106	32.9	22.5	5.2
SM 492425	125	108	40.9	26.5	7.2
SM 551480	140	123	40.9	26.5	7.2
SM 590523	150	133	40.9	26.5	7.2

<i>Part No.</i>	<i>SIZE</i>				
	<i>D</i>	<i>d</i>	<i>H</i> <i>(L+h+h)</i>	<i>L</i>	<i>h</i>
SM 629562	160	143	40.9	26.5	7.2
SM 708641	180	163	40.9	26.5	7.2
SM 787708	200	180	49.9	31.5	9.2
SM 866787	220	200	49.9	31.5	9.2
SM 984905	250	230	49.9	31.5	9.2



SEAL INFORMATION	
Material	NBR / POM / Cotton Fabric
Temperature range	-30~110°C
Max pressure	≤ 50 MPa
Max speed	≤ 0.5 m/s
Application	Rod



Part No.	SIZE				
	D	d	L (H+S+S)	H	S
TDE 098047	25.00	12.00	28.1	12.40	6.35
TDE 118066	30.00	17.00	28.1	15.40	6.35
TDE 137086	35.00	22.00	31.1	15.40	6.35
TDE 157094	40.00	24.00	31.1	18.40	6.35
TDE 177114	45.00	29.00	38.1	18.40	6.35
TDE 196118	50.00	30.00	31.1	25.40	6.35
TDE 196113	50.00	34.00	31.1	18.40	6.35
TDE 216153	55.00	39.00	31.2	18.40	6.35
TDE 236173/1	60.00	44.00	32.7	18.50	6.35
TDE 236173/2	60.00	44.00	32.1	20.00	6.35
TDE 248185	63.00	47.00	31.1	19.40	6.35

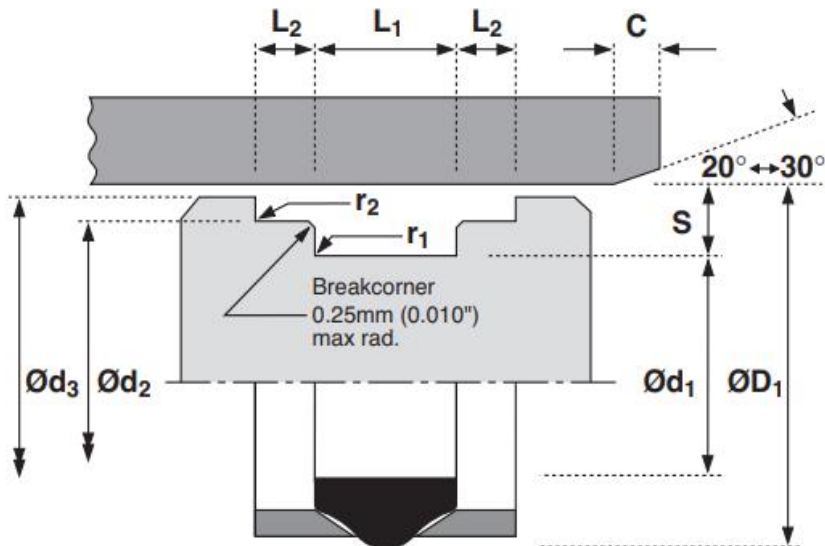
Part No.	SIZE				
	D	d	L (H+S+S)	H	S
TDE 255196	65.00	50.00	35.1	18.40	6.35
TDE 276196	70.00	50.00	35.1	22.40	6.35
TDE 295216	75.00	55.00	37.1	22.40	6.35
TDE 295220	75.00	56.00	35.1	24.40	6.35
TDE 300225	76.20	57.15	35.1	22.4	6.35
TDE 314236	80.00	60.00	35.1	22.4	6.35
TDE 326248	83.00	63.00	35.1	22.4	6.35
TDE 334255	85.00	65.00	35.1	22.4	6.35
TDE 354275	90.00	70.00	35.1	22.4	6.35
TDE 374295	95.00	75.00	35.1	22.4	6.35
TDE 393295	100.00	75.00	38.1	22.4	6.35

Part No.	SIZE				
	D	d	L (H+S+S)	H	S
TDE 393314	100.00	80.00	36.9	25.40	6.35
TDE 400325	101.60	82.55	35.1	24.21	6.35
TDE 413314	105.00	80.00	35.1	22.40	6.35
TDE 43334/1	110.00	85.00	38.1	22.40	6.35
TDE 43334	110.00	85.00	38.1	25.40	6.35
TDE 433354	110.00	90.00	44.85	25.40	6.35
TDE 450350	114.30	88.90	35.1	32.15	6.35
TDE 452354	115.00	90.00	35.1	22.40	6.35
TDE 472374	120.00	95.00	38.1	22.40	6.35
TDE 472393	120.00	100.00	38.1	25.40	6.35
TDE 492393	125.00	100.00	45.1	25.40	6.35
TDE 492393/1	125.00	100.00	38.1	32.40	6.35
TDE 492413	125.00	105.00	44.85	25.40	6.35
TDE 500400	127.00	101.00	38.1	32.15	6.35
TDE 511413	130.00	105.00	38.1	25.40	6.35
TDE 531433	135.00	110.00	38.1	25.40	6.35
TDE 551452	140.00	115.00	38.1	25.40	6.35
TDE 551472	140.00	120.00	38.1	25.40	6.35
TDE 570427	145.00	120.00	51.1	25.40	6.35
TDE 590472	150.00	120.00	38.1	38.40	6.35
TDE 590492	150.00	125.00	38.1	25.40	6.35
TDE 610511	155.00	130.00	38.1	25.40	6.35
TDE 629511	160.00	130.00	38.1	25.40	6.35
TDE 638511	162.00	130.00	38.1	25.40	6.35
TDE 669551	170.00	140.00	44.9	25.40	6.35
TDE 700600	177.80	152.40	44.1	32.15	6.35
TDE 708629	180.00	160.00	48.1	31.40	6.35
TDE 708590	180.00	150.00	44.1	35.40	6.35
TDE 748629	190.00	160.00	48.1	31.40	6.35
TDE 787669	200.00	170.00	45.1	35.40	6.35
TDE 826708	210.00	180.00	48.1	32.40	6.35
TDE 866748	220.00	190.00	48.1	35.40	6.35
TDE 98466	250.00	220.00	45.0	35.40	6.35



65

SEAL INFORMATION	
Material	NBR / POM
Temperature range	-30~110°C
Max pressure	≤ 500 bar
Max speed	≤ 0.5 m/s
Application	Rod



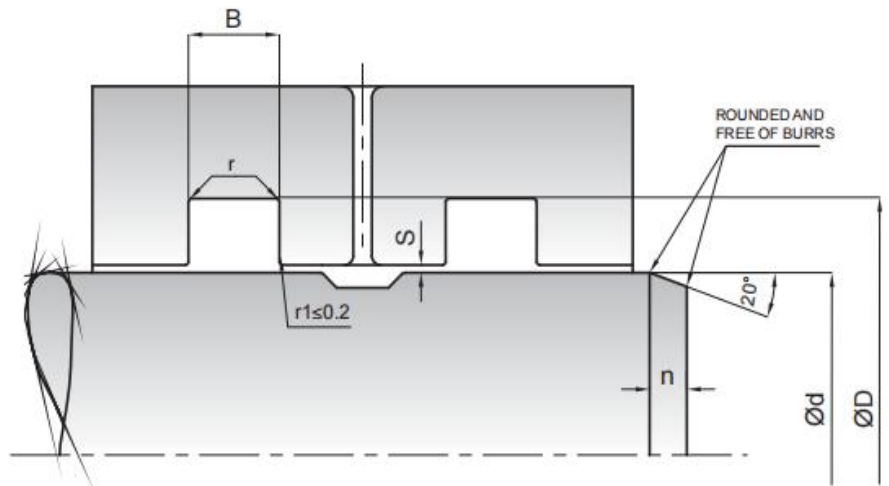
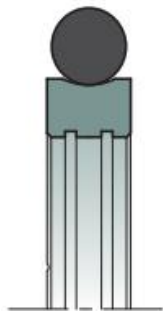
Part No.	SIZE				
	D_1	d_1	H ($L_1+L_2+L_2$)	L_1	L_2
65 / 2218210	25	17.5	15.0	8.5	3.25
65 / 2221210	25.4	17.45	15.07	8.71	3.18
65 / 2221310	31.75	23.8	15.1	8.71	3.18
65 / 2218110	32	22	19	11	4
65 / 2219610	38.1	28.58	18.72	11.1	3.81
65 / 2218010	40	30	19	11	4
65 / 2220910	44.45	34.93	18.72	11.1	3.81
65 / 2217910	50	40	19	11	4
65 / 2224010	50.8	41.28	18.72	11.1	3.81
65 / 2221110	57.15	47.63	18.72	11.1	3.81
65 / 2217810	63	53	19	11	4

Part No.	SIZE				
	D_1	d_1	H ($L_1+L_2+L_2$)	L_1	L_2
65 / 2224110	63.5	53.98	18.72	11.1	3.81
65 / 2219510	69.85	60.33	18.72	11.1	3.81
65 / 2225210	73.03	63.5	18.7	11.1	3.81
65 / 2224210	76.2	66.68	18.72	11.1	3.81
65 / 2217610	80	70	19	11	4
65 / 2219710	82.55	73.03	18.72	11.1	3.81
65 / 0177610	88.9	76.2	24.9	14.28	5.33
65 / 2240410	92	82	19	11	4
65 / 0178810	95.25	82.55	24.94	14.28	5.33
65 / 0352510	100	87	26	14	6
65 / 1172310	101.6	88.9	24.9	14.28	5.33

Part No.	SIZE				
	D	d	L (H+S+S)	H	S
65 / 0309210	107.95	95.25	24.94	14.28	5.33
65 / 0418910	114.3	101.6	24.9	14.28	5.33
65 / 1155810	120.65	107.95	24.94	14.28	5.33
65 / 0315810	125	112	26	14	6
65 / 1175410	127	111.13	34.93	17.45	8.74
65 / 1173710	133.35	117.48	34.93	17.45	8.74
65 / 1173610	139.7	123.83	34.93	17.45	8.74
65 / 0317710	140	124	35	17.5	8.75
65 / 0300110	152.4	133.35	50.80	25.4	12.7
65 / 0315910	160	140	50	25	12.5
65 / 0047010	165.1	146.05	50.80	25.4	12.7
65 / 0314110	177.8	158.75	50.80	25.4	12.7
65 / 0316010	180	160	50	25	12.5
65 / 0316910	200	180	50	25	12.5
65 / 0045110	203.2	184.15	50.80	25.4	12.7
65 / 0045510	228.6	209.55	50.80	25.4	12.7



SEAL INFORMATION	
Material	NBR / PTFE
Temperature range	-30~100°C
Max pressure	≤ 300 bar
Max speed	≤ 5 m/s
Application	Rod



Part No.	SIZE		
	d	D	H
OEP-8	8	3.1	2.2
OEP-10	10	5.1	2.2
OEP-12	12	7.1	2.2
OEP-14	14	9.1	2.2
OEP-15	15	10.1	2.2
OEP-16	16	11.1	2.2
OEP-18	18	13.1	2.2
OEP-20	20	15.1	2.2
OEP-22	22	17.1	2.2
OEP-25	25	20.1	2.2
OEP-28	28	23.1	2.2
OEP-30	30	25.1	2.2

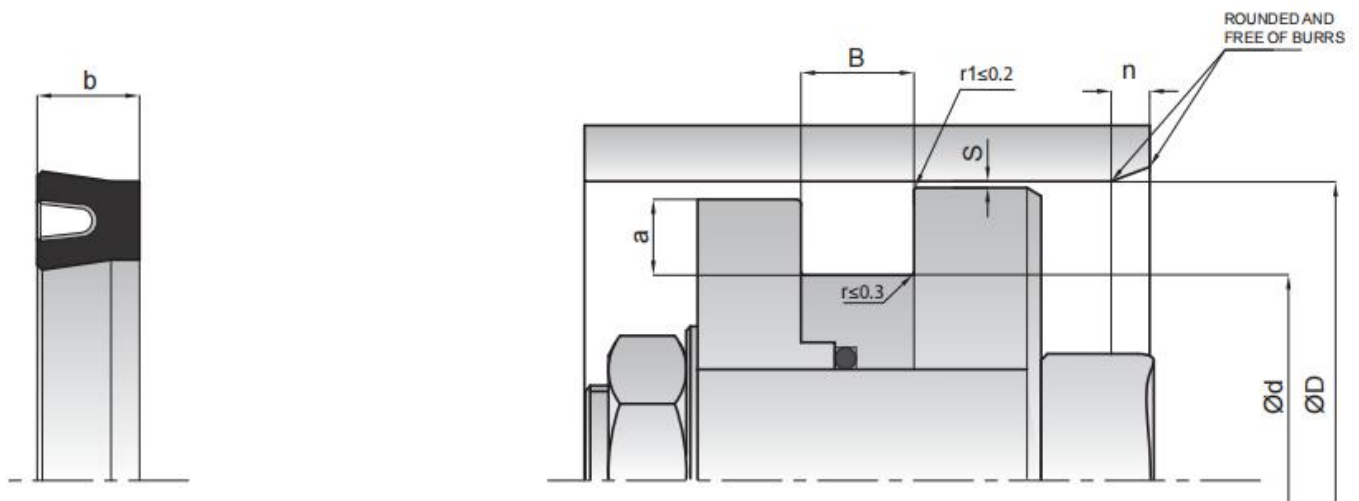
Part No.	SIZE		
	d	D	H
OEP-32	32	27.1	2.2
OEP-35	35	30.1	2.2
OEP-40	40	32.5	3.2
OEP-42	42	34.5	3.2
OEP-45	45	37.5	3.2
OEP-48	48	40.5	3.2
OEP-50	50	42.5	3.2
OEP-52	52	44.5	3.2
OEP-55	55	47.5	3.2
OEP-60	60	52.5	3.2
OEP-63	63	55.5	3.2
OEP-65	65	57.5	3.2

Part No.	SIZE		
	d	D	H
OEP-70	70	62.5	3.2
OEP-75	75	67.5	3.2
OEP-80	80	69	4.2
OEP-85	85	74	4.2
OEP-90	90	79	4.2
OEP-95	95	84	4.2
OEP-100	100	89	4.2
OEP-105	105	94	4.2
OEP-110	110	99	4.2
OEP-115	115	104	4.2
OEP-120	120	109	4.2
OEP-125	125	114	4.2

Part No.	SIZE		
	d	D	H
OEP-130	130	119	4.2
OEP-135	135	119.5	6.3
OEP-140	140	124.5	6.3
OEP-145	145	129.5	6.3
OEP-150	150	134.5	6.3
OEP-155	155	139.5	6.3
OEP-160	160	144.5	6.3
OEP-165	165	149.5	6.3
OEP-170	170	154.5	6.3
OEP-175	175	159.5	6.3
OEP-180	180	164.5	6.3
OEP-190	190	174.5	6.3
OEP-200	200	184.5	6.3
OEP-210	210	194.5	6.3
OEP-220	220	204.5	6.3
OEP-230	230	214.5	6.3
OEP-240	240	224.5	6.3
OEP-250	250	234.5	6.3
OEP-260	260	244.5	6.3
OEP-270	270	254.5	6.3
OEP-280	280	264.5	6.3
OEP-290	290	274.5	6.3
OEP-300	300	284.5	6.3
OEP-310	310	294.5	6.3
OEP-320	320	304.5	6.3
OEP-330	330	309	8.1
OEP-340	340	319	8.1
OEP-350	350	329	8.1
OEP-360	360	339	8.1
OEP-370	370	349	8.1
OEP-380	380	359	8.1
OEP-390	390	369	8.1
OEP-400	400	379	8.1
OEP-410	410	389	8.1
OEP-420	420	399	8.1
OEP-430	430	409	8.1
OEP-440	440	419	8.1
OEP-450	450	429	8.1
OEP-460	460	439	8.1
OEP-470	470	449	8.1
OEP-480	480	459	8.1
OEP-490	490	469	8.1
OEP-500	500	479	8.1
OEP-510	510	489	8.1
OEP-520	520	499	8.1
OEP-530	530	509	8.1
OEP-540	540	519	8.1
OEP-550	550	529	8.1
OEP-560	560	539	8.1
OEP-570	570	549	8.1
OEP-580	580	559	8.1
OEP-590	590	569	8.1
OEP-600	600	579	8.1
OEP-610	610	589	8.1
OEP-620	620	599	8.1
OEP-630	630	609	8.1



SEAL INFORMATION	
Material	PTFE
Temperature range	-150~250°C
Max pressure	≤ 350 bar
Max speed	≤ 15 m/s
Application	Rod



Part No.	SIZE		
	d	D	b
PVA-6	6	3.1	2.4
PVA-8	8	5.1	2.4
PVA-10	10	7.1	2.4
PVA-12	12	9.1	2.4
PVA-14	14	9.5	3.6
PVA-15	15	10.5	3.6
PVA-16	16	11.5	3.6
PVA-18	18	13.5	3.6
PVA-20	20	15.5	3.6
PVA-22	22	17.5	3.6
PVA-25	25	18.8	4.8
PVA-28	28	21.8	4.8

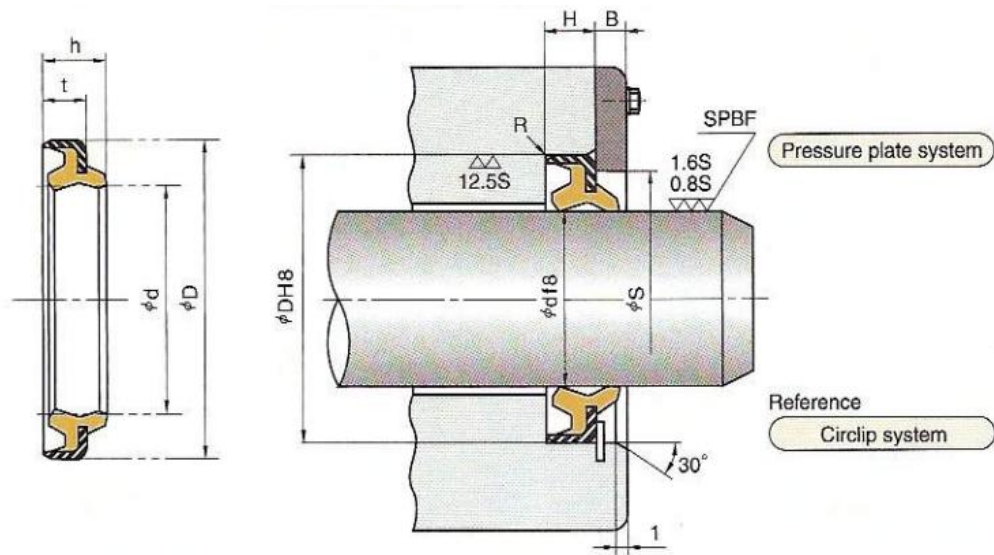
Part No.	SIZE		
	d	D	b
PVA-30	30	23.8	4.8
PVA-32	32	25.8	4.8
PVA-35	35	28.8	4.8
PVA-40	40	33.8	4.8
PVA-42	42	35.8	4.8
PVA-45	45	38.8	4.8
PVA-48	48	38.6	7.1
PVA-50	50	40.6	7.1
PVA-52	52	42.6	7.1
PVA-55	55	45.6	7.1
PVA-56	56	46.6	7.1
PVA-60	60	50.6	7.1

Part No.	SIZE		
	d	D	b
PVA-63	63	53.6	7.1
PVA-65	65	55.6	7.1
PVA-70	70	60.6	7.1
PVA-75	75	65.6	7.1
PVA-80	80	70.6	7.1
PVA-85	85	75.6	7.1
PVA-90	90	80.6	7.1
PVA-95	95	85.6	7.1
PVA-100	100	90.6	7.1
PVA-110	110	100.6	7.1
PVA-115	115	105.6	7.1
PVA-120	120	110.6	7.1

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>H</i>
PVA-125	125	112.8	9.5
PVA-130	130	117.8	9.5
PVA-135	135	122.8	9.5
PVA-140	140	127.8	9.5
PVA-150	150	137.8	9.5
PVA-160	160	147.8	9.5
PVA-170	170	157.8	9.5
PVA-180	180	167.8	9.5
PVA-190	190	177.8	9.5
PVA-200	200	187.8	9.5
PVA-210	210	197.8	9.5
PVA-220	220	207.8	9.5
PVA-230	230	217.8	9.5
PVA-240	240	227.8	9.5
PVA-250	250	237.8	9.5
PVA-280	280	267.8	9.5
PVA-300	300	287.8	9.5
PVA-320	320	307.8	9.5
PVA-350	350	337.8	9.5
PVA-400	400	387.8	9.5
PVA-420	420	407.8	9.5
PVA-450	450	437.8	9.5
PVA-480	480	467.8	9.5
PVA-500	500	487.8	9.5



SEAL INFORMATION	
Material	NBR
Temperature range	-30~105°C
Max speed	≤ 0.5 m/s



R = 0.3 or below

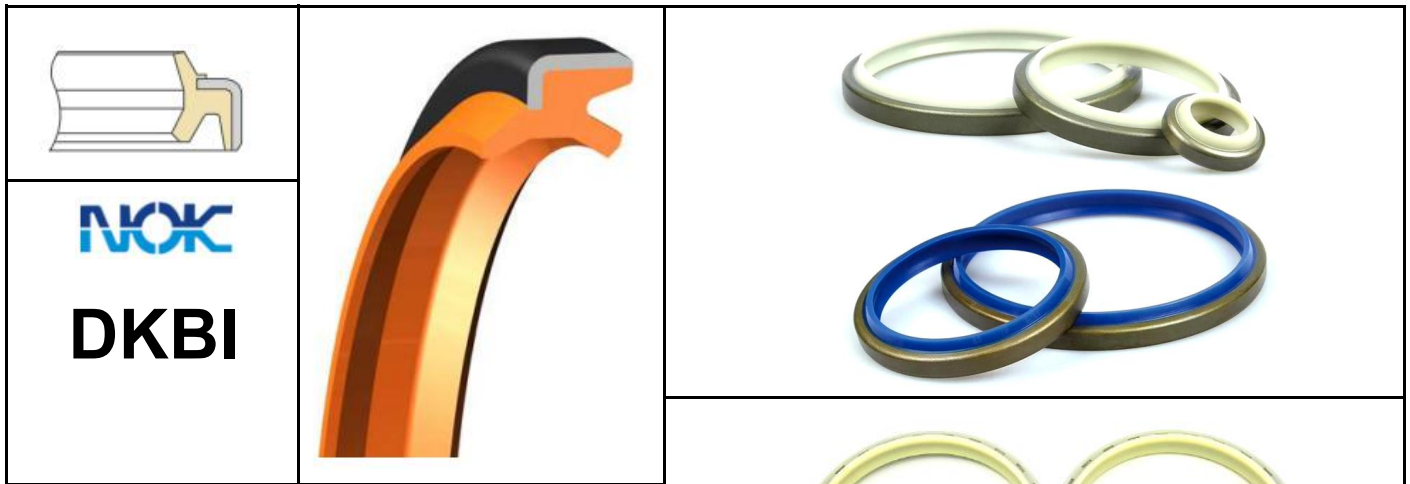
The surface of the rod should be finished by buffing (SPBF) or burnishing (RLB) to 0.8 to 1.6 μmRmax (0.2 to 0.4 μmRa). Specially under severe lubricating condition, burnishing is required.

Part No.	SIZE			
	d	D	t	h
DKB	8	15	4	6
DKB	10	18	5	7
DKB	12.5	19	3	5
DKB	14	22	4	5.5
DKB	14	24	5	7
DKB	16	26	5	7
DKB	18	27	5.5	8.5
DKB	18	30	6	9
DKB	19	26	5	7
DKB	19	27	4	7
DKB	19	31	6	9
DKB	19	32	6	9

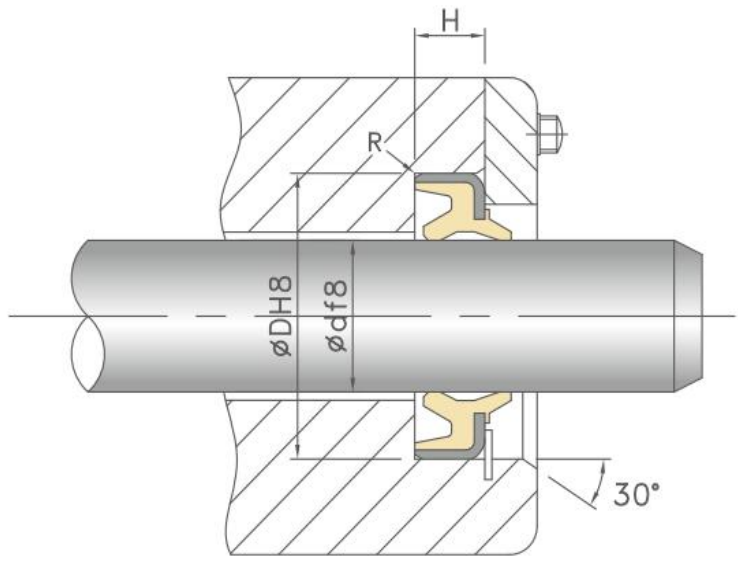
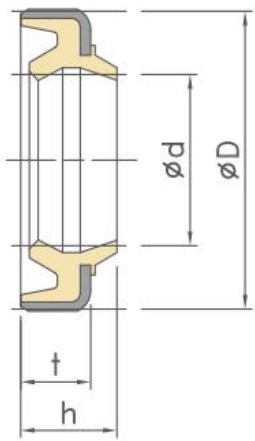
Part No.	SIZE			
	d	D	t	h
DKB	20	30	4	6
DKB	20	32	6	9
DKB	22	32	6	9
DKB	22	33	6.5	8
DKB	22	34	6	9
DKB	22	37	6	9
DKB	22.4	34.4	6	9
DKB	25.0	32.0	5	7
DKB	25	37	6	9
DKB	28	38	7	10
DKB	28	40	6	9
DKB	28	40	7	10

Part No.	SIZE			
	<i>d</i>	<i>D</i>	<i>t</i>	<i>h</i>
DKB	30	40	7	10
DKB	30	42	6	9
DKB	30	44	7	10
DKB	30	45	6	9
DKB	30	47	7	10
DKB	31.5	44	7	10
DKB	32.0	40	6	9
DKB	32.0	42	6	9
DKB	32	44	7	10
DKB	32	45	5	8
DKB	32	45	7	10
DKB	32	52	5	8
DKB	32	52	8	11
DKB	34	46	7	10
DKB	35	47	7	9
DKB	35	47	7	10
DKB	35.5	47.5	7	10
DKB	36	48	7	10
DKB	40	50	6.5	8
DKB	40	50	7	10
DKB	40	52	7	10
DKB	40	62	8	11
DKB	44.45	60.2	7	10
DKB	45	57	7	10
DKB	45	68	7	10
DKB	50	60	7	10
DKB	50	62	7	10
DKB	55	65	7	10
DKB	55	69	8	11
DKB	55	72	7	10
DKB	56	70	8	11
DKB	60	74	8	11
DKB	60	82	8	11
DKB	60	82	11	14
DKB	63	77	8	11
DKB	65	79	8	11
DKB	66	80	8	11
DKB	70	84	8	11
DKB	75	89	8	11
DKB	80	94	8	11
DKB	80	100	12	15
DKB	85	99	8	11
DKB	90	104	8	11
DKB	90	110	10	15
DKB	95	109	8	11
DKB	100	114	8	11
DKB	105	119	8	11
DKB	105	121	9	12
DKB	110	126	9	12
DKB	112	128	9	12
DKB	115	131	9	12
DKB	120	136	9	12
DKB	125	141	9	12
DKB	130	146	9	12
DKB	140	160	10	14
DKB	145	165	10	14
DKB	150	170	10	14
DKB	155	175	10	14

Part No.	SIZE			
	<i>d</i>	<i>D</i>	<i>t</i>	<i>h</i>
DKB	160	180	10	14
DKB	170	190	10	14
DKB	175	195	10	14
DKB	180	205	12	17
DKB	190	215	8	12
DKB	200	216	8	12
DKB	200	225	12	16
DKB	200	225	12	17
DKB	225	250	12	17
DKB	250	275	12	17
DKB	260	285	12	19



SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max speed	≤ 0.5 m/s



Part No.	SIZE			
	d	D	t	h
DKBI	10	20	5	7
DKBI	16	26	5	7
DKBI	18	30	6	9
DKBI	19	26	5	7.0
DKBI	20	32	6	9
DKBI	22	32	6	9
DKBI	22	34	6.0	9.0
DKBI	25	37	6	9
DKBI	30	42	6	9
DKBI	30	47	7	10
DKBI	32	44	7	10
DKBI	32	52	8	11

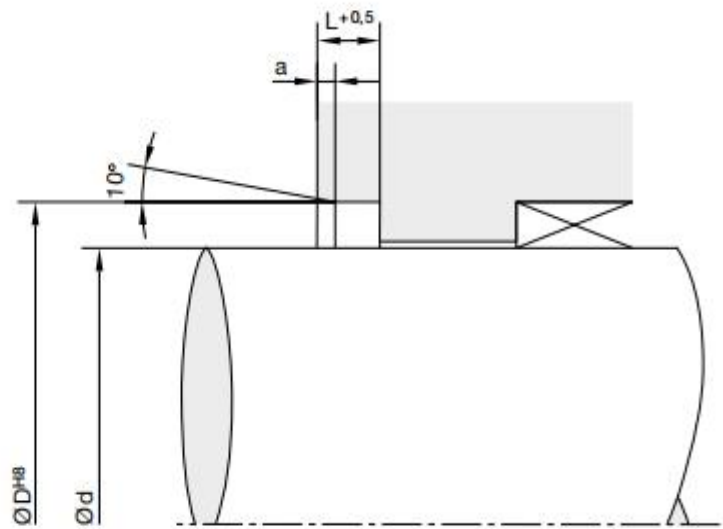
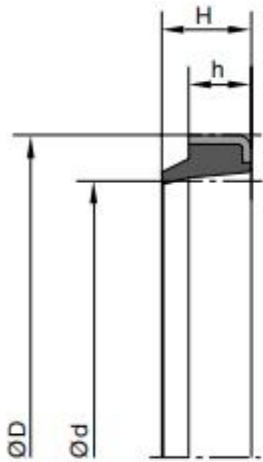
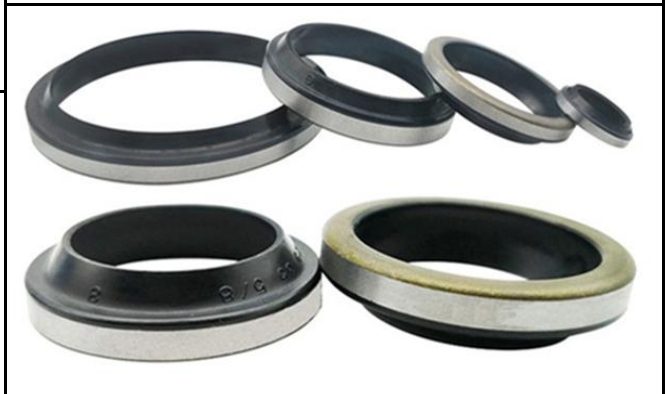
Part No.	SIZE			
	d	D	t	h
DKBI	34	46	7	10
DKBI	35	47	7	10
DKBI	35	55	7	10
DKBI	38	50	7	10
DKBI	40	52	7	10
DKBI	40	60	7	10
DKBI	40	62	8	10
DKBI	45	55	7	10
DKBI	45	57	7	10
DKBI	45	65	7	10
DKBI	50	62	7	10
DKBI	55	65	7	10

Part No.	SIZE			
	<i>d</i>	<i>D</i>	<i>t</i>	<i>h</i>
DKBI	55	69	8	11
DKBI	55	75	7	10
DKBI	60	70	5	7
DKBI	60	70	7	10
DKBI	60	74	8	11
DKBI	60	82	11	14
DKBI	65	79	8	11
DKBI	65	85	7	10
DKBI	70	80	7	10
DKBI	70	82	7	10
DKBI	70	84	8	11
DKBI	70	85	7	10
DKBI	75	89	8	11
DKBI	75	85	8	11
DKBI	80	94	8	11
DKBI	85	99	8	11
DKBI	90	104	8	11
DKBI	95	109	8	11
DKBI	100	114	8	11
DKBI	105	121	9	12
DKBI	110	126	9	12
DKBI	115	131	9	12
DKBI	120	136	9	12
DKBI	125	141	9	12
DKBI	130	146	9.0	12
DKBI	140	160	10	14
DKBI	150	170	10	14
DKBI	160	180	10	14
DKBI	170	190	10	14
DKBI	180	205	12	17
DKBI	200	225	12	17
DKBI	220	245	12	17
DKBI	230	255	12	17
DKBI	236	261	12	17
DKBI	250	275	12	17
DKBI	260	285	12	17
DKBI	300	330	16	22



GA

SEAL INFORMATION	
Material	NBR
Temperature range	-30~105°C
Max speed	≤ 0.5 m/s



Part No.	SIZE			
	d	D	h	H
GA	6	12	5	7
GA	6	13	3	4.5
GA	6	14	5	8
GA	6	16	5	8
GA	8	15	3	5
GA	8	18	6	7.5
GA	8	22	3	4.5
GA	10	16	3	4.5
GA	10	16	5	7
GA	10	18	5	8
GA	10	20	5	8
GA	12	18	3	4.5

Part No.	SIZE			
	d	D	h	H
GA	12	18	3.5	5
GA	12	18	4	6
GA	12	18	5	7
GA	12	20	4	6
GA	12	22	3	4
GA	12	22	5	8
GA	12.5	20	4	6
GA	14	19	3	5
GA	14	19.8	3	4.5
GA	14	20	2	3
GA	14	20	3	4
GA	14	20	3	6

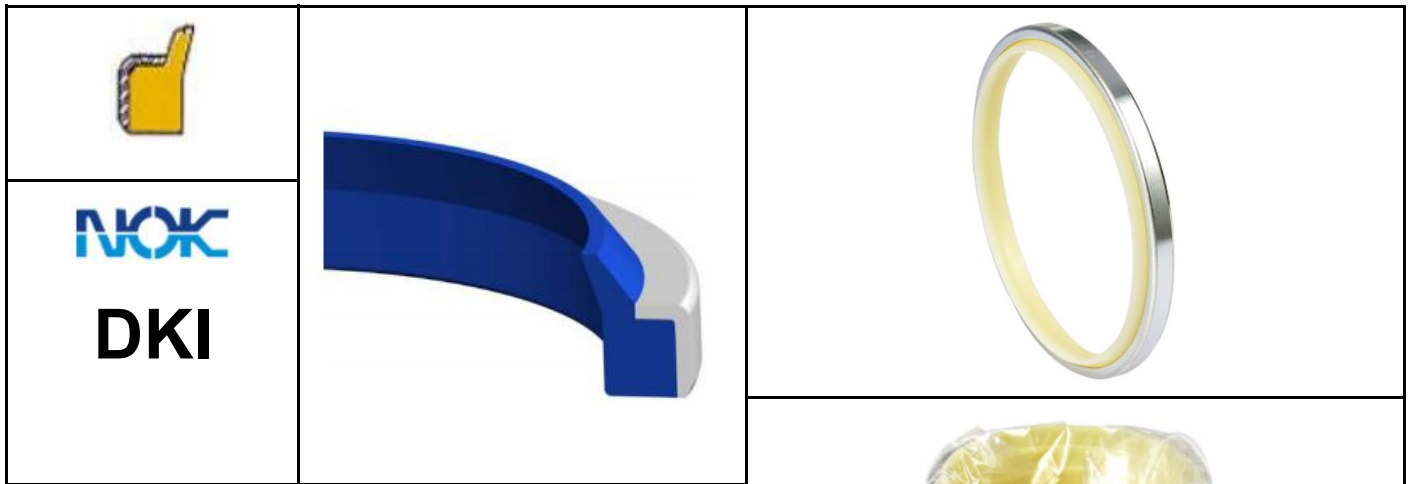
Part No.	SIZE			
	d	D	h	H
GA	14	20	3.5	5
GA	14	20	5	7
GA	14	22	3	4
GA	14	24	7	10
GA	14	26.9	4.2	5.94
GA	15	21	3.5	5
GA	15	22	3	4
GA	15	25	5	8
GA	15	25	7	10
GA	16	22	3	4
GA	16	22	3.5	5
GA	16	22	4	6
GA	16	22	5	8
GA	16	24	3	4
GA	16	24	4	6
GA	16	24	5	8
GA	16	26	5	8
GA	16	28	5	8
GA	18	24	3	5
GA	18	24	5	7
GA	18	26	5	7
GA	18	26	7	10
GA	18	28	3.5	5
GA	18	28	5	7
GA	18	28	7	10
GA	18	32	5	9
GA	18	35	5	8
GA	19	26	5	7
GA	19.05	31.75	6.35	7.9
GA	20	26	3.5	5
GA	20	26	4	7
GA	20	26	5	7
GA	20	28	3.5	5
GA	20	28	4	6
GA	20	28	5	8
GA	20	30	4	6
GA	20	30	5	7
GA	20	30	5	8
GA	20	30	7	10
GA	20	35	7	10
GA	21	28	3.5	5
GA	22	28	3	4
GA	22	30	5	8
GA	22	28	5	9
GA	22	30	4	5
GA	22	30	5	7
GA	22	32	5	7
GA	22	32	7	10
GA	22	34	7	10
GA	22	35	5	8
GA	22	35	7	10
GA	23	33	5	8
GA	24	32	5	7
GA	24	35	5	8
GA	25	31	5	7
GA	25	32	5	7
GA	25	33	4	7
GA	25	34	5	7

Part No.	SIZE			
	d	D	h	H
GA	25	35	5	8
GA	25	35	7	10
GA	25	36	7	10
GA	25	38	7	10
GA	25	40	7	10
GA	25	45	7	10
GA	25	47	7	10
GA	25.4	34.92	6.35	9.53
GA	25.4	34.93	4.78	7.14
GA	26	34	5	8
GA	26	35	5	8
GA	26	35	7	10
GA	28	35	5	8
GA	28	36	5	7
GA	28	38	5	8
GA	28	38	7	10
GA	28	40	7	10
GA	28	42	5	8
GA	28	42	7	10
GA	29	35	8	15
GA	30	38	5	7
GA	30	40	4	6
GA	30	40	5	8
GA	30	40	7	10
GA	30	42	5	8
GA	30	42	6	9
GA	30	45	5	8
GA	30	45	7	10
GA	30	45	5	8
GA	30	45	7	10
GA	30	47	5	7
GA	31.75	41.28	4.8	7.14
GA	32	40	4	6
GA	32	40	4	7
GA	32	40	7	10
GA	32	42	5	7
GA	32	42	7	10
GA	32	44	4	6.5
GA	32	45	4	8
GA	32	45	7	10
GA	32	48	6	8
GA	33	43	5	7
GA	33	45	4	8
GA	34	45	7	10
GA	34	50	7	10
GA	35	45	5	8
GA	35	45	7	10
GA	35	46	4	6
GA	35	47	7	10
GA	34	48	6.5	12
GA	35	50	7	10
GA	35	52	7	10
GA	36	44	5	7
GA	36	45	5	7
GA	36	45	7	10
GA	36	46	5	7
GA	36	46	5	8
GA	36	46	7	10

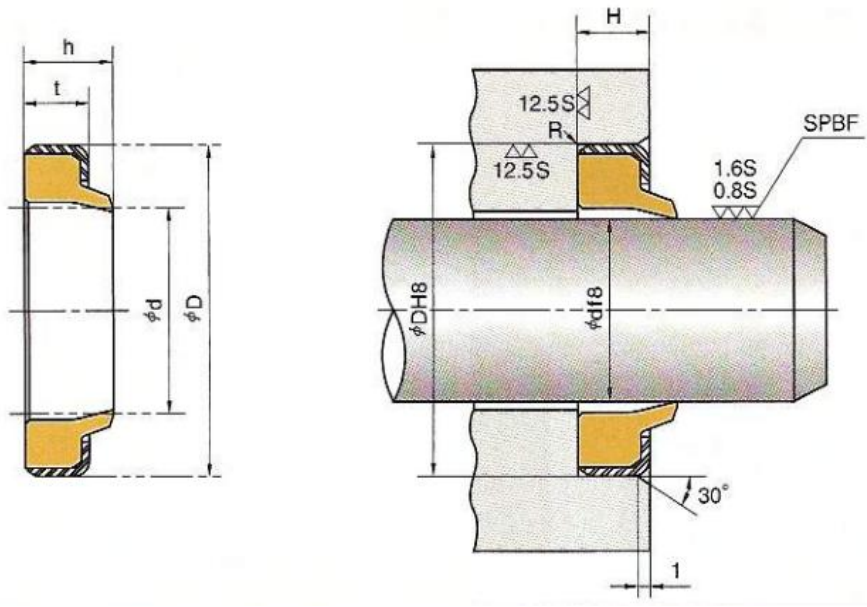
Part No.	SIZE			
	d	D	h	H
GA	36	47	7	10
GA	37	47	5	8
GA	37	50	7	10
GA	38	48	7	10
GA	38	53	5	8
GA	38	58	7	10
GA	38.1	46.18	2.84	4.45
GA	38.1	47.63	4.78	7.14
GA	40	46	5	8
GA	40	48	5	7
GA	40	50	5	8
GA	40	50	7	10
GA	40	52	5	8
GA	40	52	7	10
GA	40	53	5	8
GA	40	60	7	10
GA	40	62	7	10
GA	42	50	7	10
GA	43	55	7	10
GA	44.45	52.4	2.8	5.08
GA	44.45	53.97	4.76	7
GA	45	53	5	7
GA	45	53.5	5	8
GA	45	55	5	7
GA	45	55	7	10
GA	45	56	5	7
GA	45	57	7	10
GA	45	58	7	10
GA	45	60	7	10
GA	45	65	7	10
GA	46	55	7	10
GA	47	55	7	10
GA	48	60	7	10
GA	50	56	5	7
GA	50	56	5	8
GA	50	56	7	10
GA	50	58	5	7
GA	50	60	5	7
GA	50	60	5	8
GA	50	60	7	10
GA	50	62	5	8
GA	50	65	5	8
GA	50	65	7	10
GA	50	70	7	10
GA	50	85	7	10
GA	50.8	60.33	4.78	7.14
GA	52	62	7	10
GA	55	63	5	7
GA	55	63	7	10
GA	55	65	5	7
GA	55	65	5	8
GA	55	65	7	10
GA	55	70	7	10
GA	55	80	5	8
GA	56	65	5	7
GA	56	65	7	10
GA	56	66	5	7
GA	56	66	7	10

Part No.	SIZE			
	d	D	h	H
GA	56	71	7	10
GA	57.15	66.68	5	7
GA	60	68	5	7
GA	60	70	5	7
GA	60	70	7	10
GA	60	72	5	7
GA	60	74	5	8
GA	60	75	7	10
GA	60	78	11	15
GA	60	80	7	10
GA	62	72	7	10
GA	63	73	5	7
GA	63	73	7	10
GA	63	75	7	10
GA	63	85	7	10
GA	64	75	7	10
GA	65	75	5	7
GA	65	75	7	10
GA	65	80	7	10
GA	65	85	7	10
GA	70	80	5	7
GA	70	80	7	10
GA	70	85	7	10
GA	70	82	7	10
GA	75	83	7	10
GA	75	85	7	10
GA	75	87	5	7
GA	75	90	7	10
GA	76.2	85.73	4.78	7.14
GA	78	88	7	10
GA	80	88	5	7
GA	80	88	7	10
GA	80	90	7	10
GA	80	95	7	10
GA	80	100	6	9
GA	80	10	12	15
GA	82	92	7	10
GA	85	95	7	10
GA	90	100	5	7
GA	90	100	7	10
GA	90	110	7	10
GA	93	105	7	10
GA	95	105	7	10
GA	100	110	7	10
GA	100	115	7	10
GA	100	115	8	10
GA	100	115	9	12
GA	105	120	7	10
GA	110	125	7	10
GA	110	125	9	12
GA	115	125	7	10
GA	120	130	7	10
GA	120	135	7	10
GA	120	140	8	13
GA	125	135	7	10
GA	125	137	7	10
GA	125	140	7	10
GA	125	140	9	12

Part No.	SIZE			
	d	D	h	H
GA	130	140	7	10
GA	130	145	9	12
GA	135	145	7	10
GA	135	150	9	12
GA	145	160	9	12
GA	150	165	9	12
GA	152.4	177.8	12.7	15
GA	155	177	9	12
GA	160	175	7	12
GA	160	175	9	12
GA	163	175	7	10
GA	170	185	9	12
GA	170	185	10	14
GA	172	185	5	7
GA	180	195	10	14
GA	185	200	10	14
GA	188	200	7	10
GA	190	202	9	12
GA	190	220	9	12
GA	200	215	9	12
GA	200	220	12	16
GA	210	230	10	14
GA	210	230	12	16
GA	210	235	12	17
GA	220	240	12	16
GA	225	245	12	16
GA	225	250	12	16
GA	240	260	12	16
GA	250	265	10	16
GA	250	270	12	16
GA	260	280	12	16
GA	260	290	12	16
GA	270	290	12	16
GA	270	295	12	16
GA	280	300	12	16
GA	300	320	12	16
GA	320	340	12	16
GA	350	370	12	16
GA	360	380	15	18
GA	400	420	12	16



SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max speed	≤ 0.5 m/s



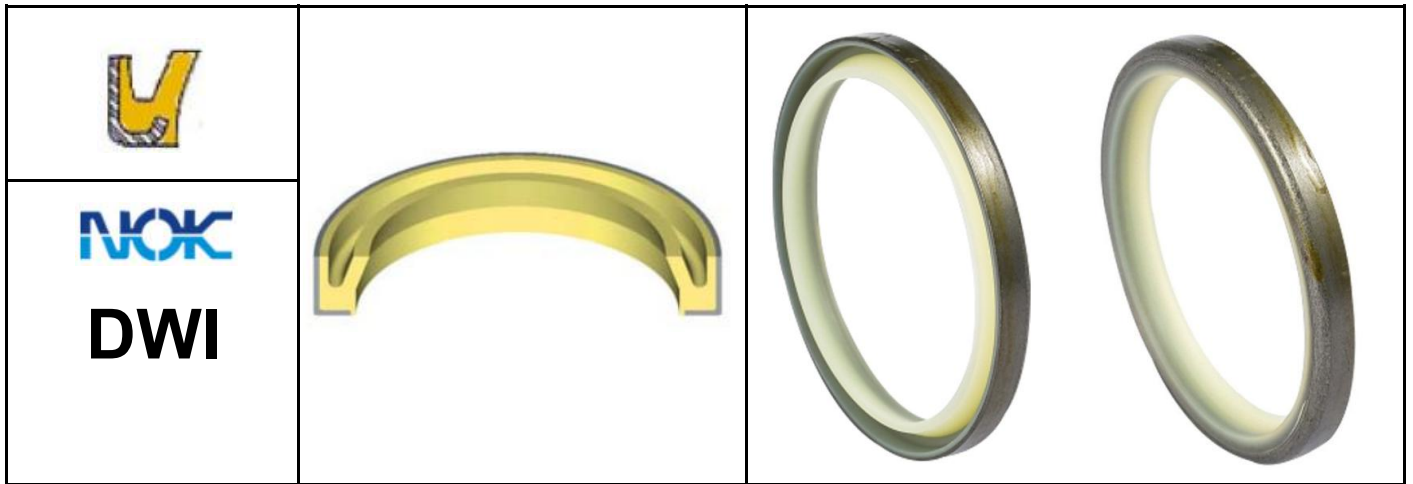
$R = 0.3$ or below

The surface of the rod should be finished by buffing (SPBF) or burnishing (RLB) to 0.8 to $1.6 \mu mR_{max}$ (0.2 to $0.4 \mu mRa$). Specially under severe lubricating condition, burnishing is required.

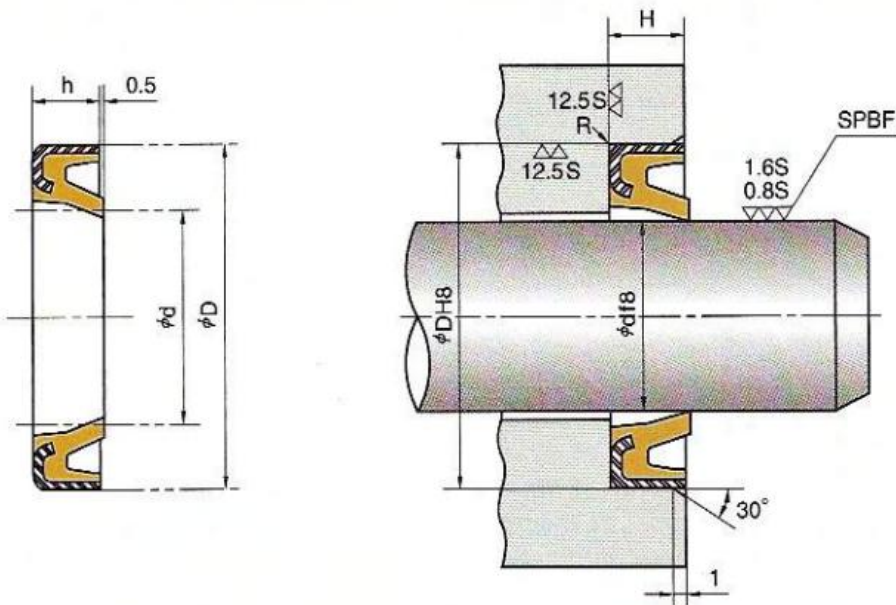
Part No.	SIZE			
	d	D	t	h
DKI / FD0064A0	6.3	16	5	7
DKI / FD0095A0	7.1	17	5	7
DKI / FD0142A0	8	18	5	7
DKI / FD0199A0	9	19	5	7
DKI / FD0258A0	10	20	5	7
DKI / FD0332A0	11.2	21	5	7
DKI / FD0412A0	12.5	23	5	7
DKI / FD0513A0	14	24	5	7
DKI / FD0586A0	15	25	5	7
DKI / FD0677A0	16	26	5	7
DKI / FD0815A0	18	30	6	9
DKI / FD1995A0	20	32	6	9

Part No.	SIZE			
	d	D	t	h
DKI / FD1203A0	22.4	34.4	6	9
DKI / FD1301A0	25	37	6	9
DKI / FD1503A0	27	39	6	9
DKI / FD1536A0	28	40	6	9
DKI / FD1664A0	30	42	6	9
DKI / FD1803A0	31.5	44	7	10
DKI / FD1870A0	32	44	7	10
DKI / FD2041A0	35	47	7	10
DKI / FD2149A0	35.5	47.5	7	10
DKI / FD2217A0	38	50	7	10
DKI / FD2342A0	40	52	7	10
DKI / FD2633A0	45	57	7	10

Part No.	SIZE			
	<i>d</i>	<i>D</i>	<i>t</i>	<i>h</i>
DKI / FD2729A0	47	59	7	10
DKI / FD2831A0	50	62	7	10
DKI / FD2985A0	53	67	8	11
DKI / FD3033A0	55	59	8	11
DKI / FD3089A0	56	70	8	11
DKI / FD3187A0	60	74	8	11
DKI / FD3313A0	63	77	8	11
DKI / FD3366A0	64	78	8	11
DKI / FD3381A0	65	79	8	11
DKI / FD3447A0	67	81	8	11
DKI / FD3493A0	70	84	8	11
DKI / FD3546A0	71	85	8	11
DKI / FD3596A0	75	89	8	11
DKI / FD3720A0	80	94	8	11
DKI / FD3828A0	85	99	8	11
DKI / FD3913A0	90	104	8	11
DKI / FD3957A0	92	106	8	11
DKI / FD3976A0	95	109	8	11
DKI / FD4046A0	100	114	8	11
DKI / FD4142A0	105	121	9	12
DKI / FD4168A0	106	122	9	12
DKI / FD4187E0	108	125	9	12
DKI / FD4196A0	110	126	9	12
DKI / FD4232A0	112	128	9	12
DKI / FD4272E0	115	131	9	12
DKI / FD4317A0	118	134	9	12
DKI / FD4326A0	120	136	9	12
DKI / FD4393A0	125	141	9	12
DKI / FD4438A0	130	146	9	12
DKI / FD4476A0	132	148	9	12
DKI / FD4492A0	135	155	10	14
DKI / FD4533A0	140	160	10	14
DKI / FD4578A0	145	165	10	14
DKI / FD4615A0	150	170	10	14
DKI / FD4663E0	155	175	10	14
DKI / FD4704A0	160	180	10	14
DKI / FD4733A0	165	185	10	14
DKI / FD4785A0	170	190	10	14
DKI / FD4839A0	175	195	10	14
DKI / FD4890A0	180	205	12	17
DKI / FD4941 E0	185	210	12	17
DKI / FD4969A0	190	215	12	17
DKI / FD5048A0	200	225	12	17
DKI / FD5129E0	210	235	12	17
DKI / FD5151A0	212	237	12	17
DKI / FD5200A0	220	245	12	17
DKI / FD5237A0	224	249	12	17
DKI / FD5245F0	225	250	12	17
DKI / FD5277A0	230	255	12	17
DKI / FD5326A0	236	261	12	17
DKI / FD5336A0	240	265	12	17
DKI / FD3379E0	245	270	12	17
DKI / FD5396A0	250	275	12	17
DKI / FD5451 E0	260	285	12	17
DKI / FD5480A0	265	290	12	17
DKI / FD5556A0	280	310	16	22
DKI / FD5584E0	290	320	16	22
DKI / FD5622A0	300	330	16	22

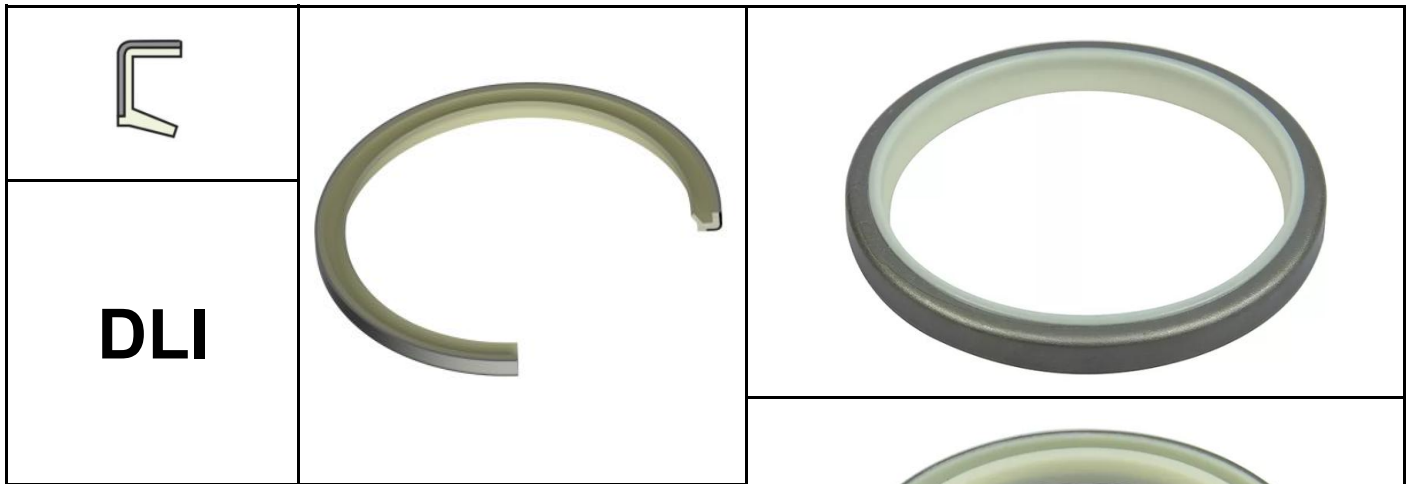


SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max speed	≤ 0.5 m/s



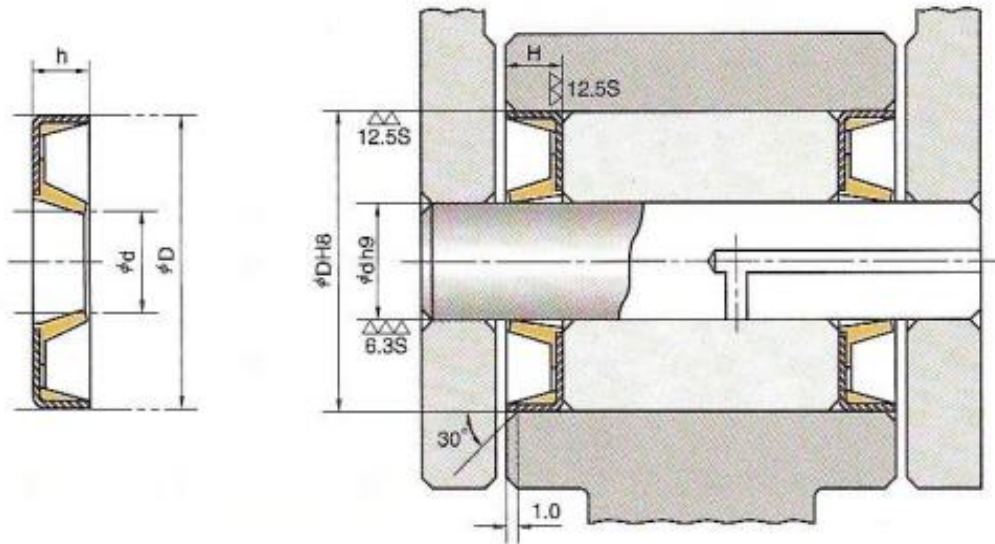
Part No.	SIZE		
	d	D	h
DWI / FD2342G0	40	52	7
DWI / FD2633H0	45	57	7
DWI / FD2831F0	50	62	7
DWI / FD3033F0	55	69	8
DWI / FD3187H0	60	74	8
DWI / FD6782E0	61	74	8
DWI / FD3313E0	63	77	8
DWI / FD3381I0	65	79	8
DWI / FD3493I0	70	84	8
DWI / FD3596F0	75	89	8
DWI / FD3720G0	80	94	8
DWI / FD3828H0	85	99	8

Part No.	SIZE		
	d	D	h
DWI / FD3913F0	90	104	8
DWI / FD4046F0	100	114	8
DWI / FD4196F0	110	126	9
DWI / FD4326F0	120	136	9
DWI / FD4438G0	130	146	9
DWI / FD4533G0	140	160	10



DLI

SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max speed	≤ 0.5 m/s

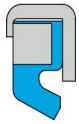


Part No.	SIZE		
	d	D	h
DLI	25	35	4
DLI	25	35	6
DLI	30	50	4
DLI	35	45	4
DLI	35	45	6
DLI	40	50	4
DLI	40	50	6
DLI	45	55	4
DLI	45	55	6
DLI	50	60	4
DLI	50	60	5
DLI	50	60	6

Part No.	SIZE		
	d	D	h
DLI	50	65	4
DLI	50	65	6
DLI	50	65	7.5
DLI	55	65	4
DLI	55	65	6
DLI	55	68	4
DLI	55	70	4
DLI	55	70	6
DLI	55	75	6
DLI	60	70	6
DLI	60	75	4
DLI	60	75	5

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>h</i>
DLI	60	75	6
DLI	60	75	8
DLI	65	75	4
DLI	65	75	5
DLI	65	75	6
DLI	65	79	6
DLI	65	79	8
DLI	65	80	4
DLI	65	80	5
DLI	65	80	6
DLI	65	80	7
DLI	65	80	8
DLI	65	85	5
DLI	65	85	6
DLI	68	94	4
DLI	70	80	4
DLI	70	85	4
DLI	70	85	5
DLI	70	85	6
DLI	70	85	7
DLI	70	85	8
DLI	70	90	5
DLI	75	89	6
DLI	75	90	4
DLI	75	90	5
DLI	75	90	6
DLI	75	90	8
DLI	75	95	7
DLI	75	95	9.5
DLI	80	90	4
DLI	80	95	4
DLI	80	95	5
DLI	80	95	6
DLI	110	125	9
DLI	80	95	5
DLI	80	95	6
DLI	80	95	7
DLI	80	95	8
DLI	80	95	10
DLI	80	95	11
DLI	80	100	6
DLI	80	100	8
DLI	85	95	5
DLI	85	100	4
DLI	85	100	5
DLI	85	100	8
DLI	90	100	4
DLI	90	100	4.5
DLI	90	105	4
DLI	90	105	4.3
DLI	90	105	6
DLI	90	105	7.5
DLI	90	105	8
DLI	90	105	11
DLI	90	105	13
DLI	90	110	6
DLI	90	110	8
DLI	90	110	9.5

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>h</i>
DLI	90	110	10
DLI	95	110	4
DLI	95	110	8
DLI	95	110	9.5
DLI	100	115	4
DLI	100	115	7
DLI	100	115	8
DLI	100	115	11
DLI	100	120	4
DLI	100	120	6
DLI	100	120	8
DLI	100	120	9.5
DLI	100	120	10
DLI	100	125	8
DLI	100	130	8
DLI	110	125	4
DLI	110	125	5
DLI	110	125	8
DLI	110	125	9.5
DLI	110	126	9
DLI	110	130	4
DLI	110	130	8
DLI	110	130	9.5
DLI	110	135	8
DLI	115	130	4
DLI	115	130	8
DLI	115	140	9.5
DLI	120	130	8
DLI	120	135	4
DLI	120	135	8
DLI	120	135	9.5
DLI	120	140	4
DLI	120	140	8
DLI	120	140	9.5
DLI	125	140	4
DLI	125	140	5
DLI	125	145	9.5
DLI	125	150	9.5

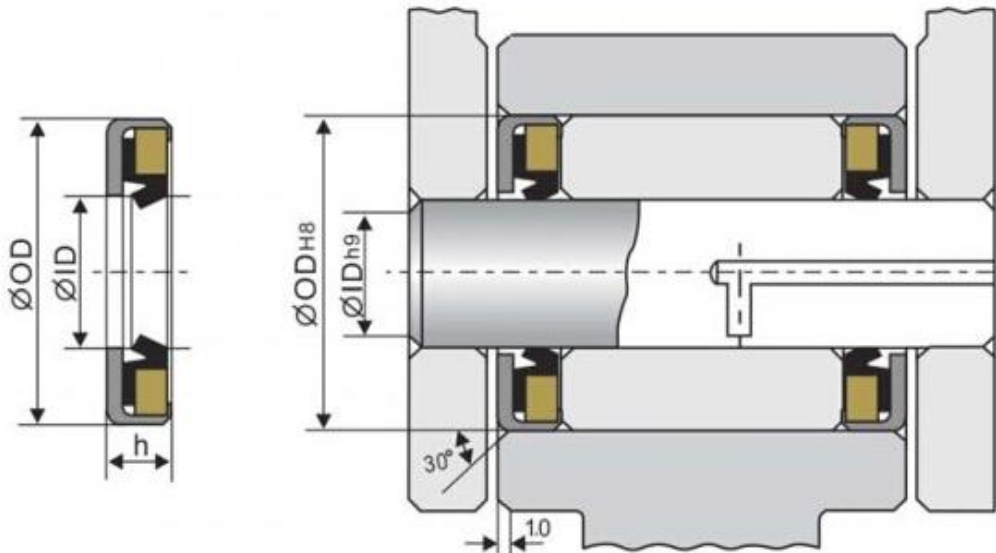


VAY



SEAL INFORMATION

Material	NBR / Steel
Temperature range	-30~110°C
Max speed	≤ 0.5 m/s

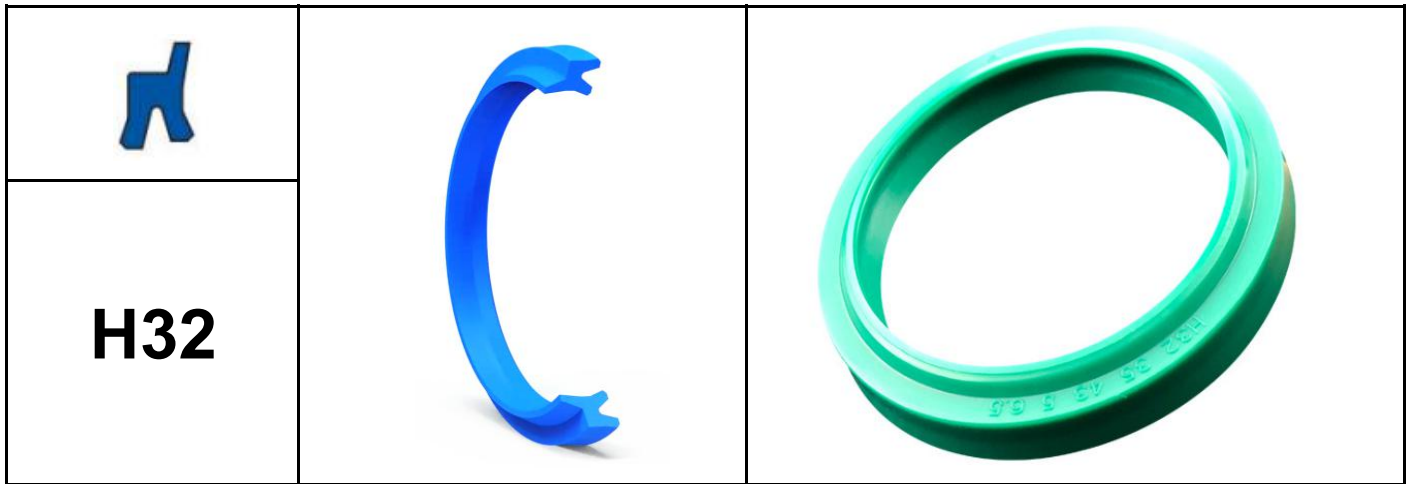


Part No.	SIZE		
	ID	OD	h
VAY	30	40	4
VAY	35	45	4
VAY	35	45	5
VAY	35	45	6
VAY	35	45	8
VAY	40	50	4
VAY	45	55	4
VAY	45	55	5
VAY	45	55	6
VAY	45	55	8
VAY	45	60	4
VAY	45	60	5

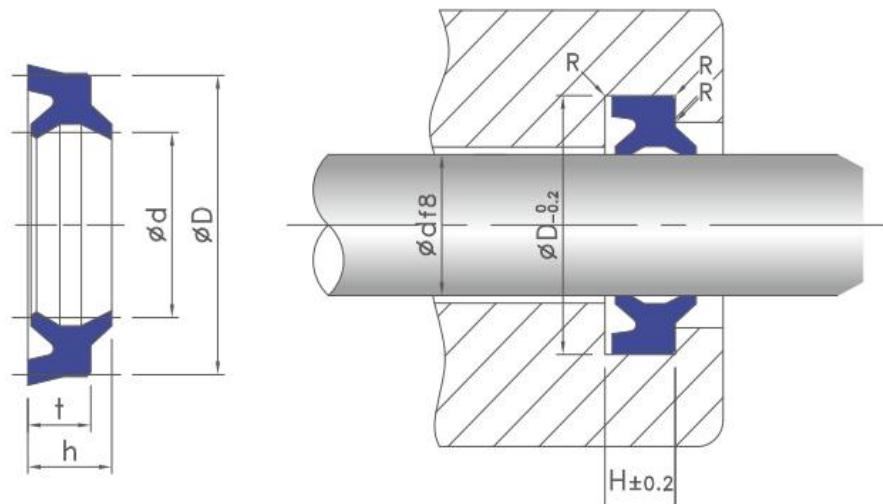
Part No.	SIZE		
	ID	OD	h
VAY	45	60	6
VAY	45	60	8
VAY	50	60	4
VAY	50	60	5
VAY	50	60	6
VAY	50	60	8
VAY	50	65	4
VAY	50	65	5
VAY	50	65	6
VAY	50	65	8
VAY	55	65	4
VAY	55	65	5

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>h</i>
VAY	55	65	6
VAY	55	65	8
VAY	55	65	4
VAY	55	70	5
VAY	55	70	6
VAY	55	70	8
VAY	60	70	4
VAY	60	70	5
VAY	60	70	6
VAY	60	70	8
VAY	60	75	4
VAY	60	75	5
VAY	60	75	6
VAY	60	75	8
VAY	65	75	4
VAY	65	75	6
VAY	65	75	6
VAY	65	75	8
VAY	65	80	4
VAY	65	80	5
VAY	65	80	6
VAY	65	80	8
VAY	70	80	4
VAY	70	80	5
VAY	70	80	6
VAY	70	80	8
VAY	70	85	4
VAY	70	85	5
VAY	70	85	6
VAY	70	85	8
VAY	70	95	5
VAY	80	90	4
VAY	80	90	5
VAY	80	90	6
VAY	80	90	8
VAY	80	95	4
VAY	80	95	5
VAY	80	95	6
VAY	80	95	8
VAY	80	100	4
VAY	80	100	5
VAY	80	100	6
VAY	80	100	8
VAY	85	95	4
VAY	85	100	6
VAY	90	100	4
VAY	90	100	5
VAY	90	100	6
VAY	90	100	8
VAY	90	105	4
VAY	90	105	5
VAY	90	105	6
VAY	90	105	8
VAY	90	110	4
VAY	90	110	5
VAY	90	110	6
VAY	90	110	8
VAY	95	110	4

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>h</i>
VAY	95	110	5
VAY	95	110	6
VAY	95	110	8
VAY	95	115	4
VAY	95	115	5
VAY	95	115	6
VAY	95	115	8
VAY	100	115	4
VAY	100	115	5
VAY	100	115	6
VAY	100	115	7
VAY	100	115	8
VAY	100	120	4
VAY	100	120	5
VAY	100	120	6
VAY	100	120	8
VAY	100	125	4
VAY	100	125	5
VAY	100	125	6
VAY	100	125	8
VAY	105	120	8
VAY	110	125	4
VAY	110	125	6
VAY	110	125	8
VAY	110	130	6
VAY	110	130	8
VAY	110	135	8
VAY	110	140	8
VAY	115	130	8
VAY	120	135	4
VAY	120	135	8
VAY	120	140	8



SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max speed	≤ 0.5 m/s



Part No.	SIZE			
	d	D	h	H
H32-11.2	11.2	19.2	4.5	6
H32-12	12	20	4.5	6
H32-14	14	22	4.5	6
H32-16	16	24	4.5	6
H32-18	18	26	4	7
H32-18	18	26	4.5	6
H32-20	20	27	4	5
H32-20	20	28	4	7
H32-20	20	28	4.5	6
H32-22	22	30	4.5	6
H32-22	22	31	3.7	7.6
H32-22	22	31	4.5	6

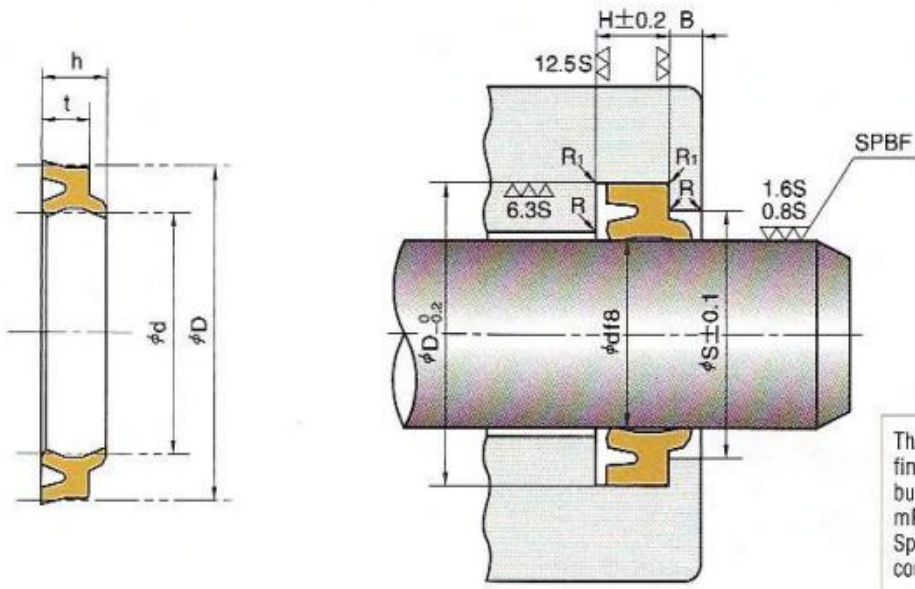
Part No.	SIZE			
	d	D	h	H
H32-22.4	22.4	30.4	4.5	6
H32-23.5	23.5	31.5	4.5	6
H32-25	25	33	4	7
H32-25	25	33	4.5	6
H32-26	26	32	2.5	4.2
H32-28	28	36	4.5	6
H32-30	30	38	5	6.5
H32-31.5	31.5	39.5	5	6.5
H32-32	32	40	4	7
H32-32	32	40	5	6.5
H32-32	32	40.5	5	6
H32-35	35	43	4	8

Part No.	SIZE			
	<i>d</i>	<i>D</i>	<i>h</i>	<i>H</i>
H32-35	35	43	5	6.5
H32-35	35	44	4	6
H32-35.5	35.5	43.5	5	6.5
H32-36	36	44	4.5	5.8
H32-36	36	44	5	6.5
H32-38	38	46	5	6.5
H32-40	40	48	5	6.5
H32-40	40	50	7	9
H32-42	42	50	4	7
H32-42.5	42.5	52.5	5.5	7.5
H32-45	45	53	4	7
H32-45	45	53	5	6.5
H32-50	50	58	4	7
H32-50	50	58	5	6.5
H32-53	53	61	5	6.5
H32-55	55	63	4	7
H32-55	55	63	5	6.5
H32-55	55	65	5	7
H32-56	56	64	5	6.5
H32-60	60	68	5	6.5
H32-63	63	71	5	6.5
H32-65	65	73	4	7
H32-65	65	73	5	6.5
H32-67	67	75	5	6.5
H32-70	70	80	6	8
H32-71	71	81	6	8
H32-75	75	85	6	8
H32-80	80	90	6	8
H32-85	85	95	6	8
H32-90	90	100	6	8
H32-90	90	100	6	10
H32-95	95	105	6	8
H32-98	98	108	6	8
H32-100	100	110	6	8
H32-104.5	104.5	117	5	8.5
H32-105	105	115	6	8
H32-106	106	116	6	8
H32-107	107	117	5	8.5
H32-110	110	120	6	8
H32-112	112	122	6	8
H32-115	115	125	6	8
H32-120	120	130	5	7
H32-120	120	130	6	8
H32-120	120	130	7	10
H32-120	120	136	9	12
H32-125	125	138	7	9.5
H32-130	130	143	7	9.5
H32-132	132	145	7	9.5
H32-136	136	149	7	9.5
H32-140	140	153	7	9.5
H32-140	140	157	6	9
H32-140	140	157	6	10
H32-141	141	151	5	7
H32-145	145	15B	7	9.5
H32-150	150	163	7	9.5
H32-155	155	168	7	9.5
H32-160	160	173	7	9.5
H32-160	160	174	7	9.5

Part No.	SIZE			
	<i>d</i>	<i>D</i>	<i>h</i>	<i>H</i>
H32-162	162	172	5	7
H32-165	165	178	7	9.5
H32-165	165	179	7	9.5
H32-180	180	193	7	9.5
H32-180	180	194	7	9.5
H32-183	183	193	5	7
H32-190	190	203	7	9.5
H32-195	195	208	7	9.5
H32-200	200	213	7	9.5
H32-200	200	214	7	9.5
H32-204	204	218	7	9.5
H32-205	205	215	7	9.5
H32-207	207	217	5	7
H32-210	210	223	7	9.5
H32-220	220	233	7	9.5
H32-230	230	244	7	9.5
H32-240	240	253	7	9.5
H32-250	250	263	7	9.5
H32-265	265	278	7	10.5



SEAL INFORMATION	
Material	NBR / FKM
Temperature range	-30~230°C
Max speed	≤ 0.5 m/s



R = 0.3 or below
R₁ = 0.5 or below

The surface of the rod should be finished by buffing (SPBF) or burnishing (RLB) to 0.8 to 1.6 μm R_{max} (0.2 to 0.4 μm R_a). Specially under severe lubricating condition, burnishing is required.

Part No.	SIZE			
	d	D	t	h
LBH-6	6	10	3	4.2
LBH-11.2	11.2	19.2	4.5	6
LBH-12	12	20	4.5	6
LBH-12A	12	16	3.5	5
LBH-12B	12	18	3.5	4.8
LBH-12C	12	20	5	7
LBH-12.5	12.5	20.5	4.5	6
LBH-14	14	22	4.5	6
LBH-15A	15	21	4.5	6
LBH-16	16	24	4.5	6
LBH-17	17	22	3.5	4.9
LBH-18	18	26	4.5	6

Part No.	SIZE			
	d	D	t	h
LBH-20	20	28	4.5	6
LBH-22	22	30	4.5	6
LBH-22A	22	28	3.6	4.8
LBH-22B	22	28	6	6.7
LBH-22.4	22.4	30.4	4.5	6
LBH-23.5	23.5	31.5	4.5	6
LBH-25	25	33	4.5	6
LBH-26	26	34	4.5	6
LBH-28	28	36	4.5	6
LBH-30	30	38	5	6.5
LBH-31.5	31.5	39.5	5	6.5
LBH-32	32	40	5	6.5

Part No.	SIZE			
	<i>d</i>	<i>D</i>	<i>t</i>	<i>h</i>
LBH-34	34	42	5	6.5
LBH-35	35	43	5	6.5
LBH-35.5	35.5	43.5	5	6.5
LBH-36	36	44	5	6.5
LBH-38	38	46	5	6.5
LBH-40	40	48	5	6.5
LBH-45	45	53	5	6.5
LBH-45A	45	55	6	9
LBH-48	48	56	5	6.5
LBH-50	50	58	5	6.5
LBH-50A	50	58.6	5.3	7
LBH-50B	50	60	5.5	7
LBH-53	53	61	5	6.5
LBH-55	55	63	5	6.5
LBH-56	56	64	5	6.5
LBH-58	58	66	5	6.5
LBH-60	60	66	5	6.5
LBH-63	63	71	5	6.5
LBH-65	65	73	5	6.5
LBH-67	67	75	5	6.5
LBH-70	70	80	6	8
LBH-71	71	81	6	8
LBH-75	75	85	6	8
LBH-80	80	90	6	8
LBH-85	85	95	6	8
LBH-90	90	100	6	8
LBH-95	95	105	6	8
LBH-98	98	108	6	8
LBH-100	100	110	6	8
LBH-105	105	115	6	8
LBH-106	106	116	6	8
LBH-110	110	120	6	8
LBH-112	112	122	6	8
LBH-115	115	125	6	8
LBH-118	118	128	6	8
LBH-120	120	130	7	9.5
LBH-120	120	133	7	9.5
LBH-120A	120	135	7	9.5
LBH-125	125	138	7	9.5
LBH-128	128	140	7	9
LBH-130	130	143	7	9.5
LBH-132	132	145	7	9.5
LBH-136	136	149	7	9.5
LBH-140	140	153	7	9.5
LBH-145	145	158	7	9.5
LBH-150	150	163	7	9.5
LBH-153	153	165	6.5	9
LBH-155	155	167	7	9.5
LBH-160	160	173	7	9.5
LBH-160A	160	174	7	9.5
LBH-165	165	178	7	9.5
LBH-170	170	183	7	9.5
LBH-170A	170	185	11	14
LBH-175	175	188	7	9.5
LBH-180	180	193	7	9.5
LBH-180A	180	194	7	9.5
LBH-190	190	203	7	9.5
LBH-200	200	213	7	9.5

Part No.	SIZE			
	<i>d</i>	<i>D</i>	<i>t</i>	<i>h</i>
LBH-200A	200	213	7.5	9.5
LBH-200B	200	213	8	9.5
LBH-204	204	217	7	9.5
LBH-205	205	218	7	9.5
LBH-210	210	223	7	9.5
LBH-220	220	233	7	9.5
LBH-224	224	237	7	9.5
LBH-225	225	238	7	9.5
LBH-230	230	243	7	9.5
LBH-240	240	256	10	13
LBH-240A	240	256	9	16
LBH-250	250	266	9	12
LBH-250A	250	266	10	13
LBH-280	280	296	9	12
LBH-300	300	316	9	12
LBH-305	305	325	10	15
LBH-320	320	336	9	12
LBH-330	330	350	10	14
LBH-350	350	370	10	14
LBH-355	355	371	10	13
LBH-355	355	375	10	14
LBH-355A	355	375	12.5	16.5
LBH-360	360	380	10	14
LBH-380	380	400	10	14
LBH-390	390	410	10	14
LBH-400	400	420	9	14
LBH-400A	400	416	10	13
LBH-450	450	470	10	14
LBH-480	480	500	10	14
LBH-490	490	510	10	14
LBH-500	500	520	11.5	15.5
LBH-510	510	530	10	14
LBH-520	520	550	17	26
LBH-530	530	560	17	26
LBH-550	550	570	10	14
LBH-560	560	590	17	26



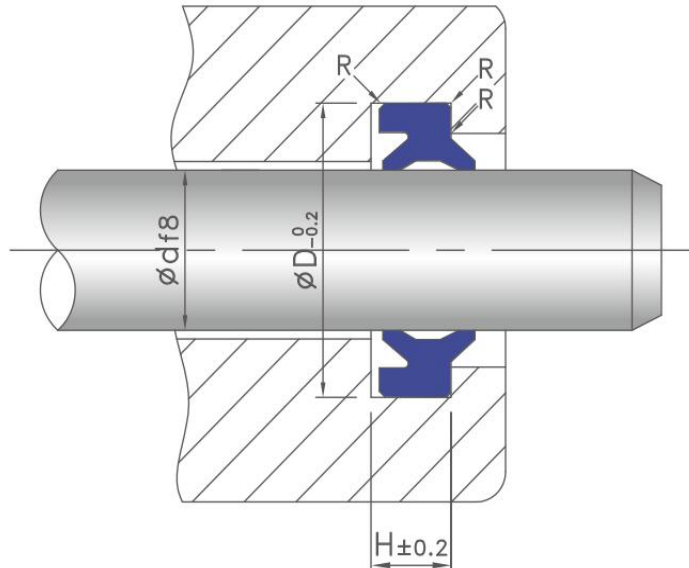
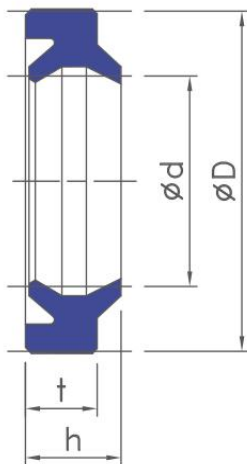
Dingzing

**DH
(DHS)**



SEAL INFORMATION

Material	PU
Temperature range	-20~100°C
Max speed	≤ 0.5 m/s

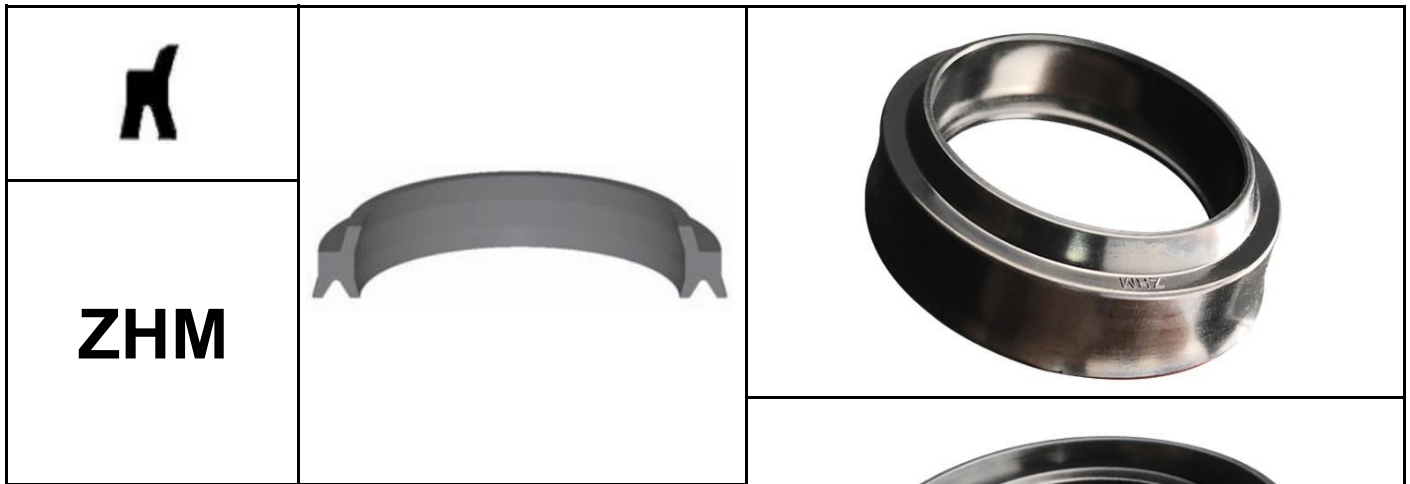


Part No.	SIZE			
	d	D	t	h
DH-11.2	11.2	19.2	4.5	6
DH-12	12.0	20.0	4.5	6
DH-12	12.0	18.0	3.5	5
DH-12.5	12.5	20.5	4.5	6
DH-14	14	22	4.5	6
DH-16	16	24	4.5	6
DH-18	18	24	3.6	5
DH-18	18	26	4.5	6
DH-19	19	29	4.5	6
DH-20	20	28	4.5	6
DH-22	22	28	3.6	5
DH-22	22	30	4.5	6

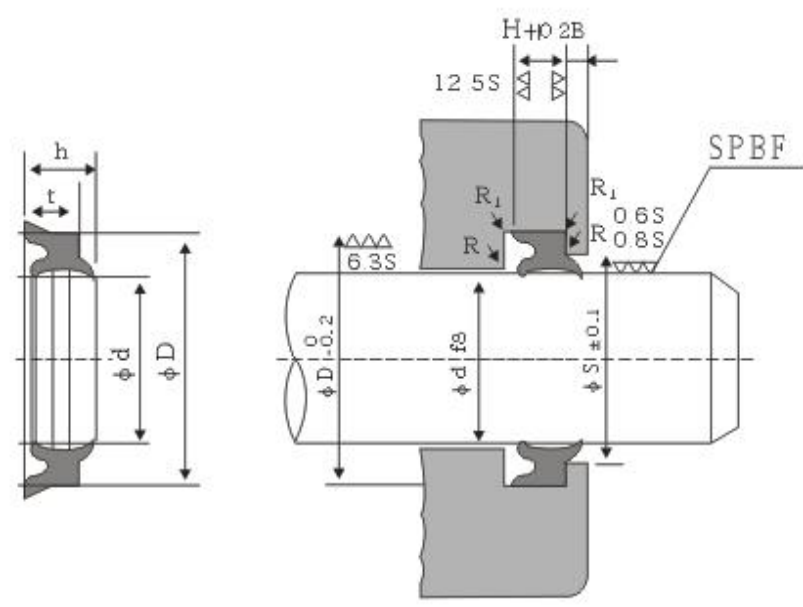
Part No.	SIZE			
	d	D	t	h
DH-22	22	31	3.7	8
DH-22.4	22.4	30.4	4.5	6
DH-23.5	23.5	31.5	4.5	6
DH-25	25	33	4.5	6
DH-26	26	32	2.5	4
DH-28	28	36	4.5	6
DH-28	28	36	4.5	7
DH-30	30	38	5	6.5
DH-30	30	39.5	5	6.5
DH-31.5	31.5	39.5	5	6.5
DH-32	32	40	5	6.5
DH-32	32	41	5	6.5

Part No.	SIZE			
	<i>d</i>	<i>D</i>	<i>t</i>	<i>h</i>
DH-32	32	44	5	9.0
DH-35	35	43	5	6.5
DH-35	35	44	4	6.0
DH-35.5	35.5	43.5	5	6.5
DH-36	36	44	4.5	5.8
DH-38	38	46	5	6.5
DH-39	39	48	5.5	7
DH-40	40	48	5	6.5
DH-42	42	50	5	6.5
DH-45	45	53	5	6.5
DH-48	48	56	5	6.5
DH-50	50	58	5	6.5
DH-53	53	61	5	6.5
DH-55	55	63	5	6.5
DH-55	55	65	5	6.5
DH-55	55	65	7	8.0
DH-55	55	67	5	6.5
DH-55	55	68.6	6	7.0
DH-56	56	64	5	6.5
DH-58	58	66	5	6.5
DH-60	60	68	5	6.5
DH-63	63	71	5	6.5
DH-63	63	76	7	9.0
DH-63	63	76	7	9.0
DH-65	65	73	5	6.5
DH-67	67	75	5	6.5
DH-70	70	80	6	8
DH-71	71	81	6	8
DH-75	75	85	6	8
DH-80	80	90	6	8
DH-85	85	95	6	8
DH-90	90	100	6	8
DH-95	95	105	6	8
DH-98	98	108	6	8
DH-100	100	110	6	8
DH-104	104	117	5	9
DH-105	105	115	6	8
DH-105	105	115	6	8
DH-107	107	117	5	9
DH-110	110	120	6	8
DH-112	112	122	6	8
DH-115	115	125	6	8
DH-120	120	133	7	9.5
DH-120	120	130	6	8.0
DH-125	125	138	7	9.5
DH-130	130	143	7	9.5
DH-136	136	149	7	9.5
DH-140	140	153	7	9.5
DH-140	140	157	6	10.0
DH-145	145	158	7	9.5
DH-150	150	163	7	9.5
DH-160	160	173	7	9.0
DH-160	160	174	7	9.5
DH-165	165	178	7	9.5
DH-165	165	179	7	9.5
DH-170	170	183	7	9.5
DH-173	173	186	7	9.5
DH-175	175	188	7	9.5

Part No.	SIZE			
	<i>d</i>	<i>D</i>	<i>t</i>	<i>h</i>
DH-180	180	193	7	9.5
DH-180	180	194	7	9.5
DH-190	190	203	7	9.5
DH-200	200	213	7	9.5
DH-200	200	214	7	9.5
DH-204	204	218	7	9.5
DH-210	210	223	7	9.5
DH-212	212	226	7	9.5
DH-220	220	233	7	9.5
DH-230	230	244	7	9.5
DH-235	235	249	7	9.5
DH-250	250	263	7	9.5
DH-265	265	280	7	9.5
DH-310	310	328	7	9.5
DH-315	315	328	7	9.5



SEAL INFORMATION	
Material	NBR / FKM
Temperature range	-30~230°C
Max speed	≤ 0.5 m/s



Part No.	SIZE			
	d	D	t	h
ZHM-8	8	14	7	9
ZHM-10	10	16	7	9
ZHM-12	12	18	7	9
ZHM-14	14	20	7	9
ZHM-15	15	21	7	9
ZHM-16	16	22	7	9
ZHM-18	18	24	7	9
ZHM-20	20	28	8	11
ZHM-22	22	30	8	11
ZHM-25	25	33	8	11
ZHM-28	28	36	8	11
ZHM-30	30	38	8	11

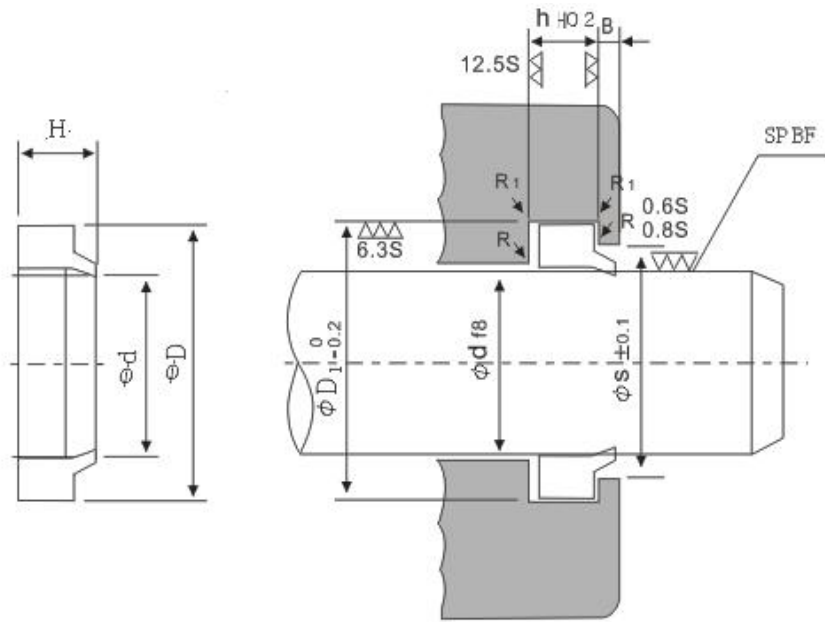
Part No.	SIZE			
	d	D	t	h
ZHM-32	32	40	8	11
ZHM-35	35	43	8	11
ZHM-36	36	44	8	11
ZHM-40	40	48	8	11
ZHM-45	45	57	11	15
ZHM-45	45	58	11	15
ZHM-50	50	62	11	15
ZHM-55	55	67	11	15
ZHM-60	60	72	11	15
ZHM-63	63	75	11	15
ZHM-65	65	77	11	15
ZHM-70	70	82	11	15

<i>Part No.</i>	<i>SIZE</i>			
	<i>d</i>	<i>D</i>	<i>t</i>	<i>h</i>
ZHM-75	75	87	11	15
ZHM-80	80	92	11	15
ZHM-85	85	97	11	15
ZHM-90	90	102	11	15
ZHM-100	100	112	11	15



WA1

SEAL INFORMATION	
Material	NBR / PU
Temperature range	-30~230°C
Max speed	≤ 0.5 m/s



Part No.	SIZE			
	d	D	h	H
WA1-4	4	7	2	2.8
WA1-8	6	18	4	7
WA1-9	9	15	3	5
WA1-10	10	20	4	7
WA1-12	12	18	4	6
WA1-12	12	20	5	g
WA1-12	12	22	4	7
WA1-14	14	22	5	8
WA1-14	14	24	4	7
WA1-16	16	24	2.5	5
WA1-16	16	24	5	9
WA1-16	16	28	5	9

Part No.	SIZE			
	d	D	h	H
WA1-18	18	28	5	9
WA1-18	18	30	5	9
WA1-20	20	26	2.6	3.7
WA1-20	20	28	5	9
WA1-20	20	30	5	8
WA1-20	20	32	5	9
WA1-22	22	34	5	9
WA1-25	25	33	5	8
WA1-25	25	33	B	11
WA1-25	25	37	5	9
WA1-28	28	34	2.4	4.5
WA1-28	28	36	5	8

Part No.	SIZE			
	d	D	h	H
WA1-28	28	40	5	9
WA1-30	30	42	5	9
WA1-30	30	47	3	5.5
WA1-30	30	47	4.5	7.5
WA1-30	30	47	5	7.5
WA1-32	32	40	6	11
WA1-32	32	40	9	12
WA1-32	32	44	5	9
WA1-35	35	43	5	8
WA1-35	35	43	5	9
WA1-35	35	47	5	9
WA1-36	36	44	3	6
WA1-36	36	48	5	9
WA1-38	36	45.5	2.8	4.7
WA1-38	38	47	5	6
WA1-40	40	49	3	6
WA1-40	40	49	6	11
WA1-40	40	50	2.5	5
WA1-40	40	50.5	6	10
WA1-40	40	52	5	9
WA1-45	45	54	3	6
WA1-45	45	57	5	9
WA1-50	50	59	3	6
WA1-50	50	62	5	9
WA1-55	55	63	5	8
WA1-55	55	69	6	11
WA1-56	56	70	6	11
WA1-60	60	70	6.3	10
WA1-60	60	74	6	11
WA1-63	63	77	6	11
WA1-65	65	79	6	11
WA1-70	70	78	5	8
WA1-70	70	80.6	5	7
WA1-70	70	84	6	11
WA1-75	75	89	6	11
WA1-80	80	88	5.3	7
WA1-80	80	94	6	11
WA1-85	85	99	6	11
WA1-90	90	104	6	11
WA1-95	95	109	6	11
WA1-100	100	114	6	11
WA1-105	105	121	7	13
WA1-110	110	118	5.3	7
WA1-110	110	122	7	10
WA1-110	110	126	7	13
WA1-115	115	131	7	13
WA1-120	120	136	7	13
WA1-125	125	141	7	13
WA1-130	130	146	7	13
WA1-135	135	151	7	13
WA1-140	140	160	7	13
WA1-145	145	165	7	13
WA1-150	150	170	7	13
WA1-155	155	175	7	13
WA1-160	160	168	5.3	7
WA1-160	160	180	7	13
WA1-165	165	183	7	13

Part No.	SIZE			
	d	D	h	H
WA1-170	170	190	7	13
WA1-175	175	195	7	13
WA1-180	180	200	7	13
WA1-185	185	205	7	13
WA1-190	190	210	7	13
WA1-200	200	218	6	12
WA1-200	200	218.5	9	14
WA1-200	200	220	7	13
WA1-210	210	230	7	13
WA1-220	220	240	7	13
WA1-230	230	250	7	13
WA1-235	235	260	7	13.5
WA1-240	240	256	5	9
WA1-240	240	260	7	13
WA1-250	250	270	7	13
WA1-250	250	280	7	14
WA1-260	260	280	7	13
WA1-270	270	290	7	13
WA1-280	280	300	7	13
WA1-290	290	310	7	13
WA1-300	300	320	6	12.5
WA1-300	300	320	7	13
WA1-300	300	330	7	14
WA1-320	320	350	10	18
WA1-340	340	370	10	18
WA1-360*	360	390	10	18
WA1-380*	380	410	10	18
WA1-400*	400	430	10	18
WA1-420*	420	450	10	18
WA1-450*	450	480	10	18
WA1-500*	500	530	10	18
WA1-530*	530	560	10	20
WA1-560*	560	590	10	20
WA1-580*	580	610	10	20
WA1-600*	600	630	10	20
WA1-630*	630	660	10	20
WA1-650*	650	680	10	20

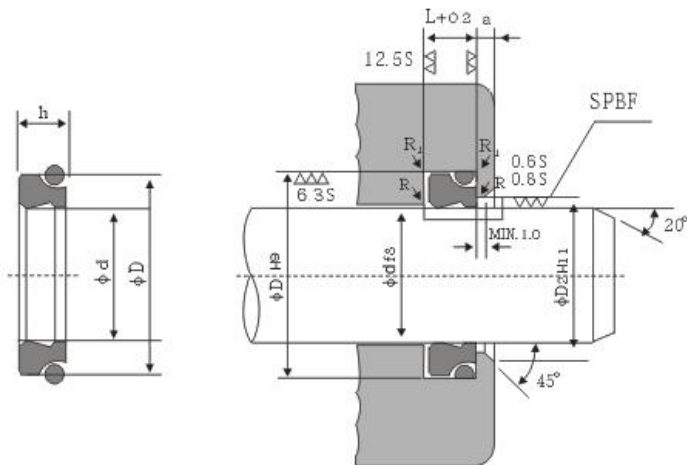


AL5



SEAL INFORMATION

Material	PTFE
Temperature range	-30~230°C
Max speed	≤ 0.5 m/s

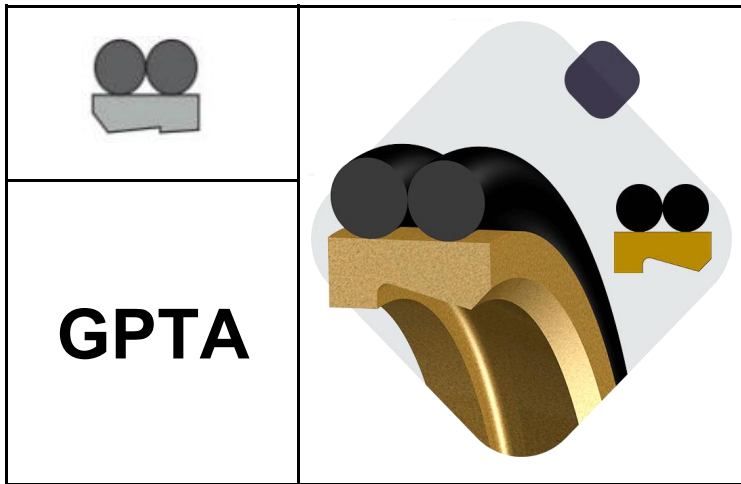


Part No.	SIZE		
	d	D	h
AL5-20	20	27.6	4.2
AL5-22	22	29.6	4.2
AL5-24	24	31.6	4.2
AL5-25	25	32.6	4.2
AL5-25.4	25.4	33	4.2
AL5-28	28	35.6	4.2
AL5-30	30	37.6	4.2
AL5-32	32	39.6	4.2
AL5-35	35	42.6	4.2
AL5-36	36	43.6	4.2
AL5-37	37	44.6	4.2
AL5-38	38	45.6	4.2

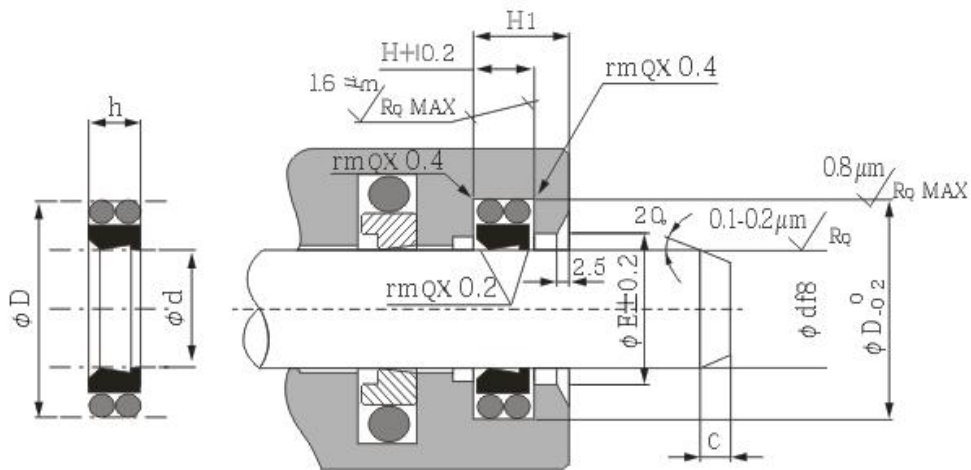
Part No.	SIZE		
	d	D	h
AL5-40	40	48.8	6.3
AL5-42	42	50.8	6.3
AL5-45	45	53.8	6.3
AL5-46	46	54.8	6.3
AL5-48	48	56.8	6.3
AL5-50	50	58.8	6.3
AL5-50.8	50.8	59.6	6.3
AL5-55	55	63.8	6.3
AL5-56	56	64.8	6.3
AL5-60	60	68.8	6.3
AL5-63	63	71.8	6.3
AL5-63.5	63.5	72.3	6.3

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>h</i>
AL5-65	65	73.8	6.3
AL5-68	68	76.8	6.3
AL5-70	70	82.2	8.1
AL5-75	75	87.2	8.1
AL5-80	80	92.2	8.1
AL5-85	85	97.2	8.1
AL5-90	90	102.2	8.1
AL5-95	95	107.2	8.1
AL5-100	100	112.2	8.1
AL5-101.6	101.6	113.8	8.1
AL5-105	105	117.2	8.1
AL5-110	110	122.2	8.1
AL5-115	115	127.2	8.1
AL5-120	120	132.2	8.1
AL5-125	125	137.2	8.1
AL5-127	127	139.2	8.1
AL5-130	130	142.2	8.1
AL5-135	135	147.2	8.1
AL5-140	140	156	9.5
AL5-150	150	166	9.5
AL5-160	160	176	9.5
AL5-170	170	186	9.5
AL5-180	180	196	9.5
AL5-200	200	216	9.5
AL5-210	210	226	9.5
AL5-220	220	236	9.5
AL5-230	230	246	9.5
AL5-240	240	256	9.5
AL5-250	250	266	9.5
AL5-260	260	276	9.5
AL5-270	270	286	9.5
AL5-280	280	296	9.5
AL5-290	290	306	9.5
AL5-300	300	316	9.5
AL5-310	310	326	9.5
AL5-320	320	336	9.5
AL5-330	330	346	9.5
AL5-340	340	356	9.5
AL5-350	350	366	9.5
AL5-360	360	376	9.5
AL5-370	370	386	9.5
AL5-380	380	396	9.5
AL5-390	390	406	9.5
AL5-400	400	424	14
AL5-410	410	434	14
AL5-420	420	444	14
AL5-430	430	454	14
AL5-440	440	464	14
AL5-450	450	474	14
AL5-460	460	484	14
AL5-470	470	494	14
AL5-480	480	504	14
AL5-490	490	514	14
AL5-500	500	524	14
AL5-510	510	534	14
AL5-520	520	544	14
AL5-530	530	554	14

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>h</i>
AL5-540	540	564	14
AL5-550	550	574	14
AL5-560	560	584	14
AL5-600	600	624	14
AL5-610	610	634	14
AL5-620	620	644	14
AL5-630	630	654	14
AL5-640	640	664	14
AL5-650	650	677.3	16
AL5-660	660	687.3	16
AL5-670	670	697.3	16
AL5-680	680	707.3	16
AL5-690	690	717.3	16
AL5-700	700	727.3	16
AL5-710	710	737.3	16
AL5-750	750	777.3	16
AL5-800	800	827.3	16
AL5-850	850	877.3	16
AL5-900	900	927.3	16
AL5-950	950	977.3	16



SEAL INFORMATION	
Material	PTFE
Temperature range	-30~230°C
Max speed	≤ 0.5 m/s



Part No.	SIZE		
	d	D	h
GPTA	20	27.6	4.2
GPTA	25	32.6	4.2
GPTA	28	35.6	4.2
GPTA	30	37.6	4.2
GPTA	32	39.6	4.2
GPTA	35	42.6	4.2
GPTA	36	43.6	4.2
GPTA	40	48.8	6.3
GPTA	42	50.8	6.3
GPTA	45	53.8	6.3
GPTA	50	58.8	6.3
GPTA	55	63.8	6.3

Part No.	SIZE		
	d	D	h
GPTA	56	64.8	6.3
GPTA	60	68.8	6.3
GPTA	63	71.8	6.3
GPTA	65	73.8	6.3
GPTA	70	82.2	8.1
GPTA	75	87.2	8.1
GPTA	80	92.2	8.1
GPTA	85	97.2	8.1
GPTA	90	102.2	8.1
GPTA	100	112.2	8.1
GPTA	105	117.2	8.1
GPTA	110	122.2	8.1

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>h</i>
GPTA	115	127.2	8.1
GPTA	120	132.2	8.1
GPTA	125	137.2	8.1
GPTA	130	142.2	8.1
GPTA	135	147.2	8.1
GPTA	140	156	11.5
GPTA	145	161	11.5
GPTA	150	166	11.5
GPTA	155	171	11.5
GPTA	160	176	11.5
GPTA	165	181	11.5
GPTA	170	186	11.5
GPTA	175	191	11.5
GPTA	180	196	11.5
GPTA	190	206	11.5
GPTA	200	216	11.5
GPTA	210	226	11.5
GPTA	220	236	11.5
GPTA	230	246	11.5
GPTA	240	256	11.5
GPTA	245	261	11.5
GPTA	250	266	11.5
GPTA	260	276	11.5
GPTA	265	281	11.5
GPTA	280	296	11.5
GPTA	290	306	11.5
GPTA	300	316	11.5
GPTA	310	326	11.5
GPTA	320	336	11.5
GPTA	330	346	11.5
GPTA	340	356	11.5
GPTA	350	366	11.5
GPTA	360	376	11.5
GPTA	400	416	11.5
GPTA	355	371	11.5
GPTA	360	376	11.5
GPTA	365	381	11.5
GPTA	370	396	11.5
GPTA	375	391	11.5
GPTA	380	396	11.5
GPTA	390	406	11.5
GPTA	400	416	11.5
GPTA	400	424	15.5
GPTA	410	434	15.5
GPTA	420	444	15.5
GPTA	430	454	15.5
GPTA	440	464	15.5
GPTA	445	469	15.5
GPTA	450	474	15.5
GPTA	460	484	15.5
GPTA	465	489	15.5
GPTA	470	494	15.5
GPTA	475	499	15.5
GPTA	495	519	15.5
GPTA	510	534	15.5
GPTA	520	544	15.5
GPTA	525	549	15.5

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>h</i>
GPTA	530	554	15.5
GPTA	540	564	15.5
GPTA	570	594	15.5
GPTA	585	609	15.5
GPTA	590	614	15.5
GPTA	600	624	15.5
GPTA	620	644	15.5
GPTA	635	659	15.5
GPTA	675	702.3	18
GPTA	690	717.3	18
GPTA	745	772.3	18
GPTA	800	827.3	18
GPTA	815	842.3	18
GPTA	900	927.3	18
GPTA	910	937	18



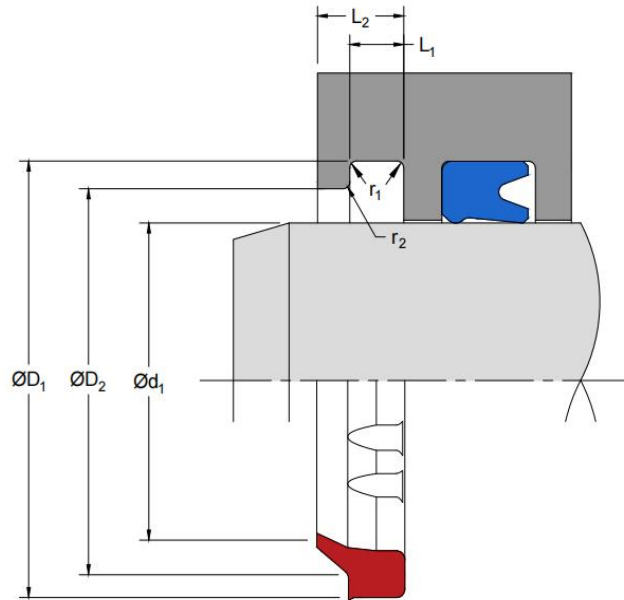
Hallite

H38



SEAL INFORMATION

Material	PU
Temperature range	-20~100°C
Max speed	≤ 0.5 m/s



Part No.	SIZE			
	d1	D1	L1	L2
H38	18	24	5	7
H38	20	28	5	8
H38	22	30	5	8
H38	25	33	5	8
H38	28	36	5	8
H38	30	38	5	8
H38	30	41.2	7.5	10
H38	32	40	5	8
H38	35	43	5	8
H38	36	44	5	8
H38	38.1	47.62	4.76	7.15
H38	40	48	5	8

Part No.	SIZE			
	d1	D1	L1	L2
H38	40	50.6	5.3	7
H38	41.28	49.28	5	8
H38	44.45	53.97	4.76	7.15
H38	45	53	5	8
H38	45	55.6	5.3	7
H38	48	60	5	10
H38	50	58	5	8
H38	50	58.6	5.3	7
H38	50	60.6	5.3	7
H38	55	65.6	5.3	7
H38	56	66	6.3	10
H38	56	66.6	5.3	7

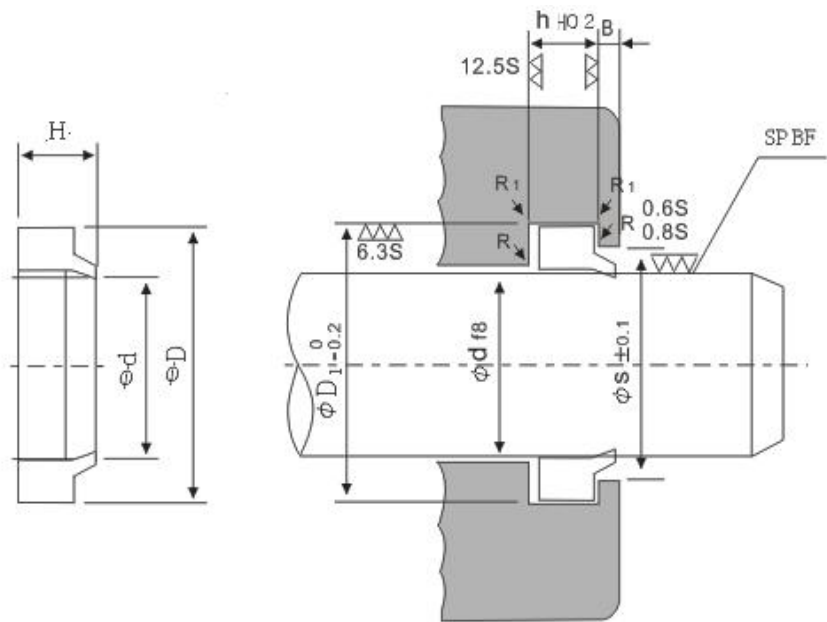
Part No.	SIZE			
	d1	D1	L1	L2
H38	60	70	5.3	7
H38	60	70	6.3	10
H38	60	70.6	5.3	7
H38	63	73	6.3	10
H38	63	73.6	5.3	7
H38	63.5	76.12	6.35	9.52
H38	65	75	6.3	10
H38	65	75.6	5.3	7
H38	70	80	6.3	10
H38	70	80.6	5.3	7
H38	70	82.2	7.2	12
H38	75	83.6	5.3	7
H38	75	85	6.3	10
H38	75	87.2	7.2	12
H38	80	90	6	9
H38	80	90	6.3	10
H38	80	91	7.5	11
H38	80	92.2	7.2	12
H38	82.6	92.2	5.3	7.1
H38	85	93.6	5.3	7
H38	85	97.2	7.2	12
H38	85	98	7.5	11.5
H38	88	100.2	7.2	12
H38	90	100	6	9
H38	90	100	6.3	10
H38	90	102.2	7.2	12
H38	95	107.2	7.2	12
H38	100	110.6	5.3	7
H38	100	112.2	7.2	12
H38	100	115	9.5	14
H38	101.6	116.6	9.5	14
H38	105	113	5	8
H38	105	120	7.2	12
H38	110	122.2	7.2	12
H38	110	125	9.5	14
H38	114.3	133.35	9.52	14.27
H38	115	127.2	7.2	12
H38	120	132.2	7.2	12
H38	120	135	9.5	14
H38	125	133	5.3	—7
H38	125	137.2	7.7	12
H38	125	140	9.5	14
H38	125	140	10.2	16
H38	128	143	9.5	14
H38	130	142.2	7.2	12
H38	130	145	10.2	16
H38	132	144.2	7.2	12
H38	135	150	9.5	14
H38	140	148.6	5.3	7
H38	140	152.2	7.7	12
H38	140	155	9.5	14
H38	140	155	10.2	16
H38	145	153.6	5.3	7
H38	145	160	9.5	14
H38	150	162.2	7.7	12
H38	150	162	7.2	12
H38	150	165	10.2	16
H38	150	166	8	12

Part No.	SIZE			
	d1	D1	L1	L2
H38	155	163	5	8
H38	155	167.2	7.7	12
H38	155	175	10.2	18
H38	160	172.2	7.7	12
H38	160	175	9.5	14
H38	160	175	10.2	16
H38	165	180	9.5	14
H38	170	180.6	5.3	7
H38	170	182.2	7.7	12
H38	170	185	9.5	14
H38	177	192	9.5	14
H38	180	195	9.5	14
H38	180	200	10.2	18
H38	185	200	10.2	16
H38	185	205	10.2	18
H38	190	198.6	5.3	7
H38	190	205	9.5	14
H38	190	210	10.2	18
H38	195	210	10.2	16
H38	200	208.6	5.3	7
H38	200	215	9.5	14
H38	200	220	10.2	18
H38	205	213.6	5.3	7
H38	205	220	9.5	14
H38	210	225	9.5	14
H38	210	226	9	12
H38	210	230	10.2	18
H38	212	232	12.5	18
H38	220	235	10.2	16
H38	220	240	10.2	18
H38	220	240	12.5	18
H38	225	240	9.5	14
H38	225	245	10.2	18
H38	230	238.6	5.3	7
H38	230	245	9.5	14
H38	230	246	7.5	12
H38	230	250	10.2	18
H38	235	255	10.2	18
H38	240	255	9.5	14
H38	240	260	10.2	18
H38	240	260	12.5	18
H38	245	265	12.5	18
H38	250	270	10.2	18
H38	250	270	12.5	18
H38	255	270	9.5	14
H38	260	275	9.5	14
H38	260	280	10.2	18
H38	265	280	10.2	16
H38	265	285	10.2	15
H38	270	278.6	5.3	7
H38	270	286	7.5	12
H38	275	295	10.2	18
H38	280	295	9.5	14
H38	280	300	10.2	15
H38	285	300	9.5	14
H38	285	305	12.5	18
H38	288	308	10.2	15
H38	290	310	12.5	18

<i>Part No.</i>	<i>SIZE</i>			
	<i>d1</i>	<i>D1</i>	<i>L1</i>	<i>L2</i>
H38	290	310	12.5	18
H38	295	315	12.5	18
H38	300	316	7.5	12
H38	300	320	12.5	18
H38	305	325	12.5	18
H38	320	340	10.2	18
H38	325	345	10.2	18
H38	330	346	7.5	12
H38	335	355	10.2	18
H38	340	360	10.2	18
H38	350	370	10.2	18
H38	355	375	10.2	18
H38	360	380	10.2	18
H38	370	390	10.2	18
H38	370	390	12.5	18
H38	380	400	12.5	18
H38	395	415	10.2	18
H38	400	420	10.2	18
H38	415	435	10.2	18
H38	445	465	10.2	18
H38	450	470	10.2	18
H38	455	475	10.2	18
H38	460	490	15	25
H38	470	490	10.2	18



SEAL INFORMATION	
Material	NBR
Temperature range	-20~100°C
Max speed	≤ 0.5 m/s



Part No.	SIZE			
	d	D	h	H
WP6-10	10	14	3	4
WP6-18	18	26.6	5.3	7
WP6-20	20	28.6	5.3	7
WP6-22	22	30.6	5.3	7
WP6-25	25	33.6	5.3	7
WP6-28	28	36.6	5.3	7
WP6-30	30	38.6	5.3	7
WP6-32	32	40.6	5.3	7
WP6-35	35	43.6	5.3	7
WP6-36	36	44.6	5.3	7
WP6-38	38	46.6	5.3	7
WP6-40	40	48.6	5.3	7

Part No.	SIZE			
	d	D	h	H
WP6-42	42	50.6	5.3	7
WP6-45	45	53.6	5.3	7
WP6-45	45	55.6	5.3	7
WP6-50	50	58.6	5.3	7
WP6-50	50	60.6	5.3	7
WP6-55	55	65.6	5.3	7
WP6-56	56	66.6	5.3	7
WP6-60	60	70.6	5.3	7
WP6-63	63	73.6	5.3	7
WP6-65	65	75.6	5.3	7
WP6-70	70	80.6	5.3	7
WP6-75	75	87.2	7.2	12

Part No.	SIZE			
	d	D	h	H
WP6-80	80	92.2	7.2	12
WP6-85	85	97.2	7.2	12
WP6-90	90	102.2	7.2	12
WP6-95	95	107.2	7.2	12
WP6-100	100	112.2	7.2	12
WP6-110	110	122.2	7.2	12
WP6-110	110	125	9.5	14
WP6-113	113	133	9.5	15
WP6-114	114	126	8	15
WP6-115	115	127.2	7.2	12
WP6-120	120	132.2	7.2	12
WP6-125	125	140	10.2	16
WP6-130	130	145	10.2	16
WP6-135	135	150	10	16
WP6-135	135	147.2	7.1	12
WP6-140	140	155	10.2	16
WP6-150	150	162	7.5	12
WP6-150	150	165	10.2	16
WP6-160	160	175	10.2	16
WP6-170	170	185	10.2	16
WP6-180	180	200	10.2	18
WP6-190	190	210	10.2	18
WP6-200	200	220	10.2	18
WP6-210	210	230	10.2	18
WP6-220	220	240	10.2	18
WP6-230	230	250	10.2	18
WP6-240	240	260	10.2	18
WP6-250	250	270	10.2	18
WP6-260	260	280	10.2	18
WP6-270	270	290	10.2	18
WP6-280	280	300	10.2	18
WP6-300	300	320	10.2	18
WP6-310	310	330	10.2	18
WP6-320	320	340	10.2	18
WP6-340	340	360	10.2	18
WP6-350	350	370	10.2	18
WP6-360	360	380	10.2	18
WP6-400	400	420	10.2	18
WP6-420	420	440	10.2	18
WP6-450	450	470	10.2	18
WP6-480	480	500	10.2	18
WP6-500	500	520	10.2	18
WP6-520	520	540	10.2	18
WP6-550	550	570	10.2	18
WP6-560	560	580	10.2	18
WP6-600	600	620	10.2	18
WP6-700	700	720	10.2	18
WP6-1045	1045	1070	16.7	24

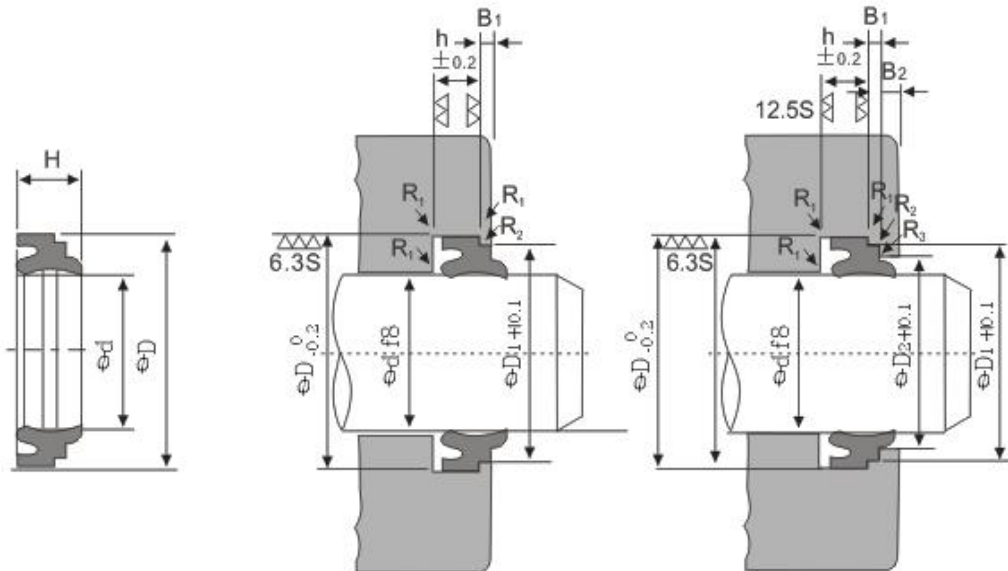


W17



SEAL INFORMATION

Material	NBR
Temperature range	-20~100°C
Max speed	≤ 0.5 m/s



Part No.	SIZE			
	d	D	h	H
W17-10	10	18	8	4
W17-12	12	20	8	4
W17-14	14	22	8	4
W17-15	15	23	8	4
W17-16	16	24	8	4
W17-18	18	26	8	4
W17-20	20	28	8	4
W17-22	22	30	8	4
W17-25	25	33	8	4
W17-28	28	36	8	4
W17-30	30	38	8	4
W17-32	32	40	8	4

Part No.	SIZE			
	d	D	h	H
W17-35	35	43	8	4
W17-36	36	44	8	4
W17-37	37	45	8	4
W17-38	38	46	8	4
W17-40	40	48	8	4
W17-42	42	50	8	4
W17-45	45	53	8	4
W17-50	50	58	8	4
W17-52	52	60	8	4
W17-53	53	61	8	4
W17-55	55	63	8	4
W17-56	56	64	8	4

Part No.	SIZE			
	d	D	h	H
W17-60	60	68	8	4
W17-63	63	71	8	4
W17-65	65	73	8	4
W17-70	70	78	8	4
W17-75	75	83	8	4
W17-77	77	85	8	4
W17-80	80	88	8	4
W17-85	85	93	8	4
W17-90	90	98	8	4
W17-100	100	108	8	4
W17-100	100	112	11	5.5
W17-105	105	117	11	5.5
W17-110	110	122	11	5.5
W17-115	115	127	11	5.5
W17-120	120	132	11	5.5
W17-125	125	137	11	5.5
W17-130	130	142	11	5.5
W17-135	135	147	11	5.5
W17-140	140	152	11	5.5
W17-145	145	157	11	5.5
W17-150	150	162	11	5.5
W17-158	158	170	11	5.5
W17-160	160	172	11	5.5
W17-175	175	187	11	5.5
W17-180	180	192	11	5.5
W17-190	190	202	11	5.5
W17-200	200	212	11	5.5
W17-210	210	225	13	6.5
W17-220	220	235	13	6.5
W17-230	230	245	13	6.5
W17-250	250	265	13	6.5
W17-280	280	295	13	6.5
W17-300	300	315	13	6.5
W17-320	320	335	13	6.5
W17-360	360	375	13	6.5

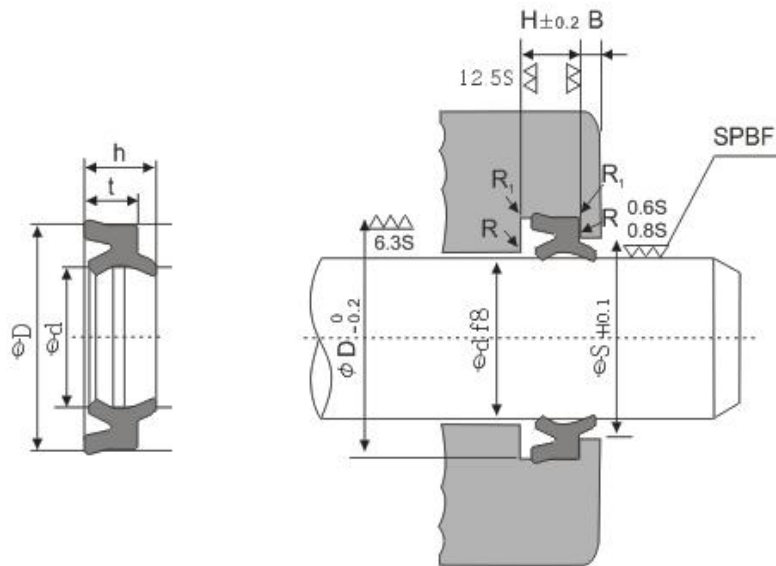


PDR
(Pneumatic)



SEAL INFORMATION

Material	NBR
Temperature range	-20~100°C
Max speed	≤ 0.5 m/s



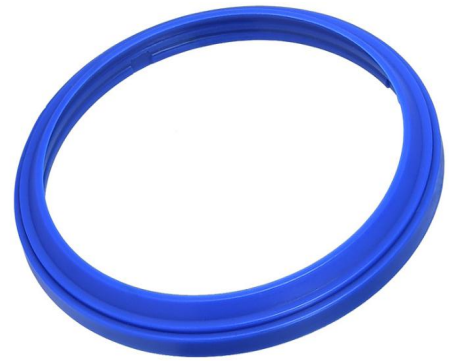
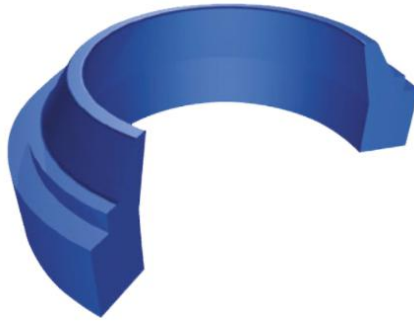
Part No.	SIZE			
	d	D	t	h
PDR-6	6	10	3	4.4
PDR-8	8	12	3.5	4.9
PDR-10	10	14	3.5	4.9
PDR-12	12	16	3.5	4.9
PDR-14	14	18	3.5	4.9
PDR-15	15	23	3.5	5
PDR-16	16	24	5.5	7.5
PDR-20	20	28	5.5	7.5
PDR-25	25	33	5.5	7.5
PDR-25	25	33	5.7	8
PDR-25	25	35	6	8
PDR-28	28	36	5.5	7.5

Part No.	SIZE			
	d	D	t	h
PDR-30	30	40	6.5	8.5
PDR-32	32	42	6.5	8.5
PDR-35	35	45	6.5	8.5
PDR-40	40	50	6.5	8.5
PDR-45	45	55	6.5	8.5



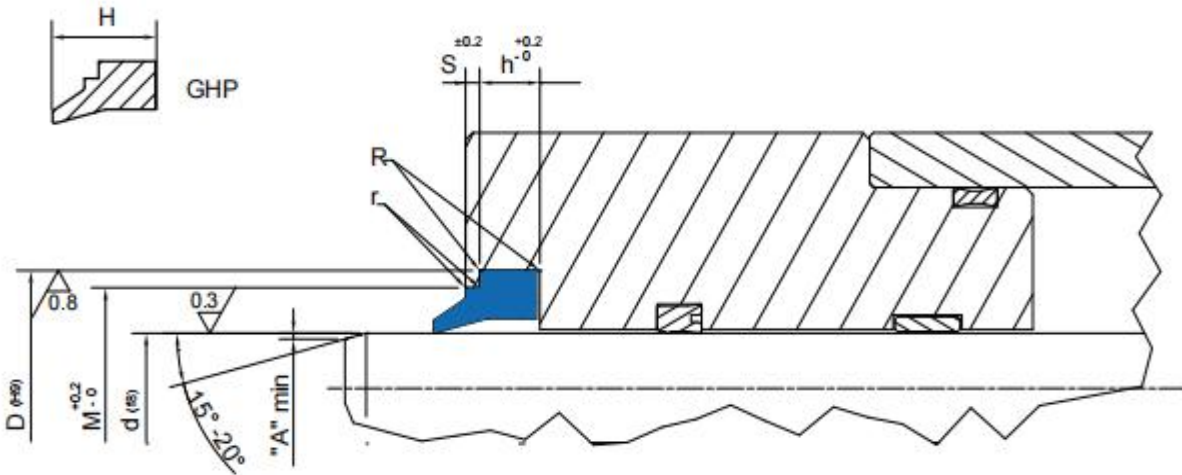
TECNOLAN

GHP



SEAL INFORMATION

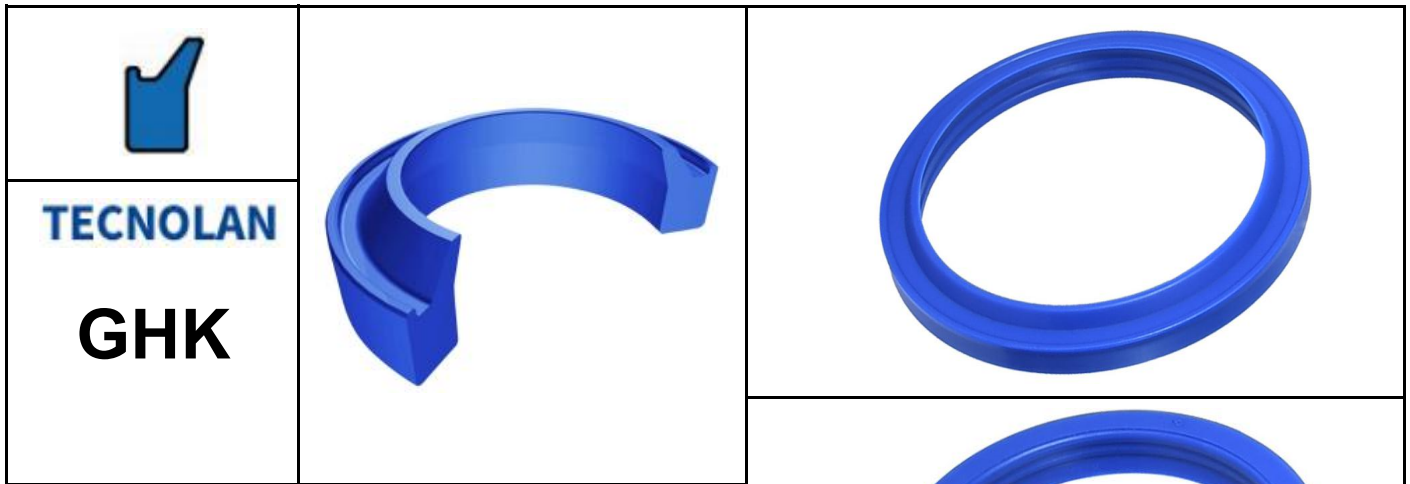
Material	PU
Temperature range	-20~100°C
Max speed	≤ 0.5 m/s



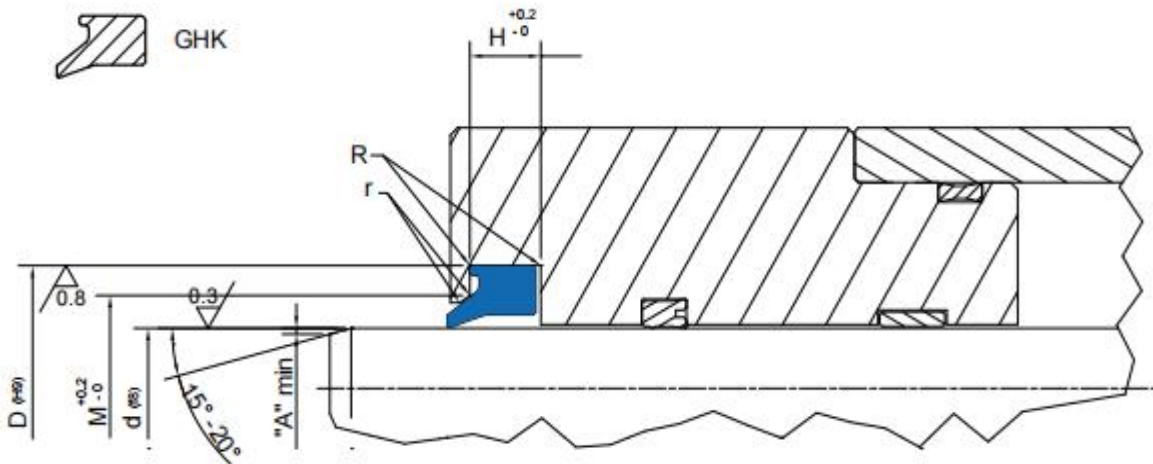
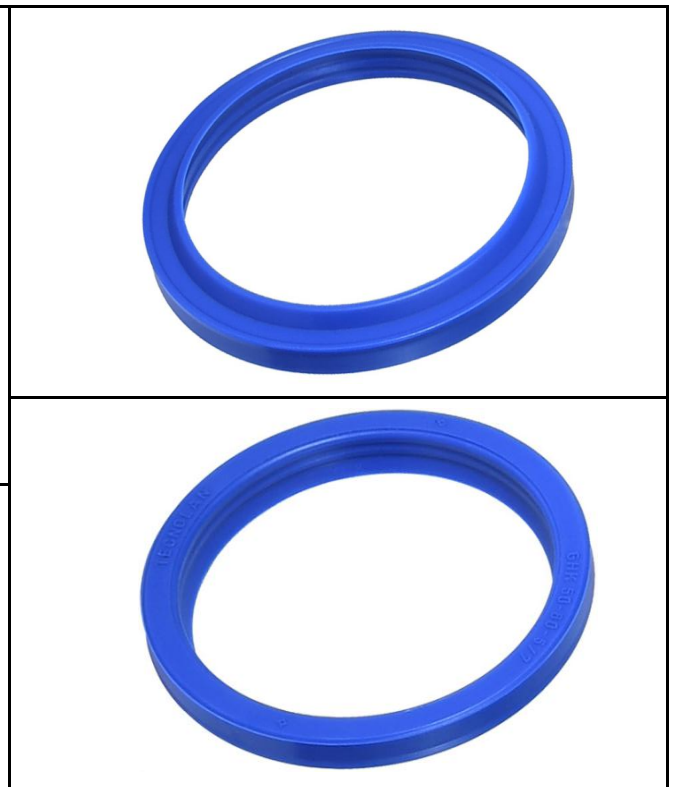
Part No.	SIZE			
	d	D	h	H
GHP/047070	12	20	4	7
GHP/063094	16	24	4	7
GHP/070102	18	26	4	7
GHP/078110	20	28	4	7
GHP/086118	22	30	4	7
GHP/098129	25	33	4	7
GHP/110141	28	36	4	7
GHPZ118149	30	38	4	7
GHP/125157	32	40	4	7
GHP/137169	35	43	4	7
GHP/141173	36	44	4	7
GHP/157188	40	48	4	7

Part No.	SIZE			
	d	D	h	H
GHP/165196	42	50	4	7
GHP/177208	45	53	4	7
GHP/196228	50	58	4	7
GHP/216248	55	63	4	7
GHP/220252	56	64	4	7
GHP/236267	60	68	4	7
GHP/248279	63	71	4	7
GHP/255287	65	73	4	7
GHP/275307	70	78	4	7
GHP/295236	75	83	4	7
GHP/314346	80	88	4	7
GHP/334366	85	93	4	7

<i>Part No.</i>	<i>SIZE</i>			
	<i>d</i>	<i>D</i>	<i>h</i>	<i>H</i>
GHP/354385	90	98	4	7
GHP/374405	95	103	4	7
GHP/393425	100	108	4	7
GHP/417464	106	118	5.5	10
GHP/433480	110	122	5.5	10
GHP/500452	115	127	5.5	10
GHP/460508	117	129	5.5	10
GHP/472519	120	132	5.5	10
GHP/492539	125	137	5.5	10
GHP/511559	130	142	5.5	10
GHP/531578	135	147	5.5	10
GHP/551598	140	152	5.5	10
GHP/618570	145	157	5.5	10
GHP/590637	150	162	5.5	10
GHP/708756	180	192	5.5	10
GHP/827874	210	222	5.5	10



SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max speed	≤ 0.5 m/s

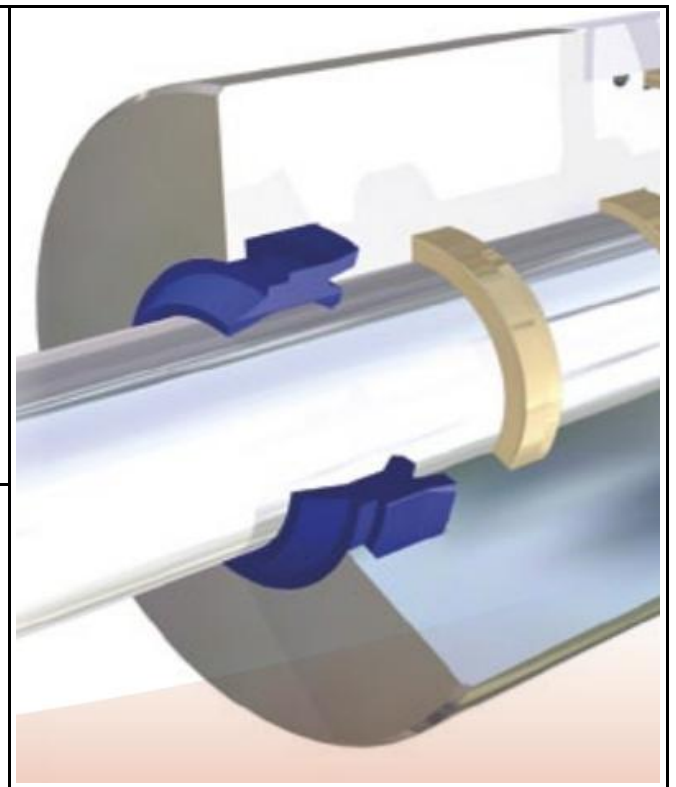


Part No.	SIZE			
	d	D	h	H
GHK/047070	12	18.6	3.8	15
GHK/047063	12	16.6	3	14
GHK/039055	10	14.6	2	12
GHK/051074	13	19.6	3.8	16
GHK/055078	14	20.6	3.8	17
GHK/059082	15	21.6	3.8	18
GHK/063087	16	22.6	3.8	19
GHK/062087/1	16	22.6	2.7	19
GHK/066094	17	23.6	3.8	20
GHK/070094	18	24.6	3.8	21
GHK/074110	19	28.6	5.3	22
GHK/078102	20	26.6	3.4	23

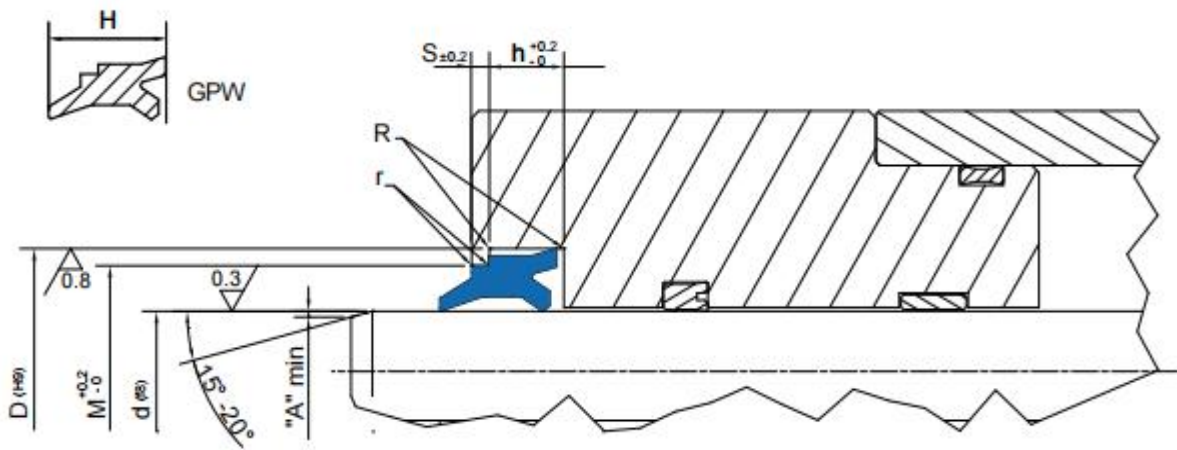
Part No.	SIZE			
	d	D	h	H
GHK/078110	20	28.6	5.3	23
GHK/086118	22	30.6	5.3	25
GHK/094125	24	32.6	5.3	27
GHK/098129	25	33.6	5.3	28
GHK/102133	26	34.6	5.3	29
GHK/106137	27	35.6	5.3	30
GHK/110141	28	36.6	5.3	31
GHK/118141	30	36.6	4.2	32
GHK/118149	30	38.6	5.3	33
GHK/125157	32	40.6	5.3	35
GHK/129161	33	41.6	5.3	36
GHK/137169	35	43.6	5.3	38

Part No.	SIZE			
	d	D	h	H
GHK/141173	36	44.6	5.3	39
GHKZ149181	38	46.6	5.3	41
GHK/157174	40	44.8	5.3	42
GHK/157188	40	48.6	5.3	43
GHK/165196	42	50.6	5.3	45
GHK/177208	45	53.6	5.3	48
GHK/177216	45	55.6	5.3	48
GHK/181212	46	54.6	5.3	49
GHK/185216	47	55.6	5.3	50
GHK/188220	48	56.6	5.3	51
GHK/188236	48	60.6	5.3	54
GHK/196228	50	58.6	5.3	53
GHK/196236	50	60.6	5.3	54
GHKZ208240	53	61.6	5.3	56
GHK/216248	55	63.6	5.3	58
GHK/216255	55	65.6	5.3	59
GHK/220251	56	64.6	5.3	59
GHK/220259	56	66.6	5.3	60
GHK/236267	60	68.6	5.3	63
GHK/236275	60	70.6	5.3	63
GHK/240279	61	69.6	5.3	64
GHK/248279	63	71.6	5.3	66
GHK/248287	63	73.6	5.3	67
GHK/248287/1	63	73.6	6.1	67
GHK/248295	63	75.6	5.3	69
GHK/255287	65	73.6	5.3	68
GHK/255295	65	75.6	5.3	69
GHK/267299	68	76	5.3	72
GHK/275307	70	78.6	5.3	73
GHK/275314	70	80.6	5.3	72
GHK/275322	70	82.6	7.1	76
GHK/295326	75	83.6	5.3	78
GHK/295345	75	87.2	7.1	81
GHK/299330	76	84.6	5.3	79
GHK/307338	78	86.6	5.3	81
GHK/314346	80	88.6	5.3	83
GHK/314354	80	90.6	5.3	85
GHK/314362	80	92.2	7.1	86
GHK/326374	83	95.2	7.1	89
GHK/334366	85	93.6	5.3	88
GHK/334381	85	97.2	7.1	91
GHK/346377	88	96.6	5.3	91
GHK/354385	90	98.6	5.3	93
GHK/354401	90	102.2	7.1	96
GHK/358389	91	99.6	5.3	94
GHK/374421	95	107.2	7.1	101
GHK/381413	97	105.6	5.3	100
GHK/393440	100	112.2	7.1	106
GHK/393452	100	115.2	9.3	107.5
GHK/399462	101.5	117.5	7.1	109.5
GHK/407470	103.5	119.5	7.1	111.5
GHK/413444	105	113.6	5.3	108
GHK/413460	105	117.2	7.1	111
GHK/413472	105	120.2	5.3	112.5
GHK/420452	107	115.6	5.3	110
GHK/425472	108	120.2	7.1	114
GHK/433480	110	122.2	7.1	116

Part No.	SIZE			
	d	D	h	H
GHK/452500	115	127.2	7.1	121
GHK/464497	118	126.6	5.3	121
GHK/472504	120	128.6	5.3	123
GHK/472519	120	132.2	7.1	126
GHK/492539	125	137.2	7.1	131
GHK/492551	125	140.2	10.1	132.6
GHK/495529	126	134.6	5.3	129
GHK/511559	130	142.2	7.1	136
GHK/531578	135	147.2	7.1	141
GHK/551598	140	152.2	7.1	146
GHK/551610	140	155.2	10.1	147.6
GHK/562596	143	151.6	5.3	146
GHK/570603	145	153.6	5.3	148
GHK/570618	145	157.2	7.1	151
GHK/578610	147	155	5.3	150
GHK/590637	150	162.2	7.1	156
GHK/590649	150	165.2	10.1	157.6
GHK/629688	160	175.2	10.1	168
GHK/649698	165	177.2	7.1	170
GHK/649708	165	180.22	10.2	160
GHK/669700	170	178	5.3	174
GHK/669708	170	180.6	5.3	175
GHK/669728	170	185.2	10.1	178
GHK/672707	171	179.6	5.3	174
GHK/688736	175	187.2	7.1	183
GHK/708767	180	195.2	10.1	188
GHK/708787	180	200.2	10.2	190
GHK/748826	190	210.2	10.2	200
GHK/767826	195	210.2	10.2	202.5
GHK/771826	196	210.2	7.1	203
GHK/775822	197	209.2	7.1	203
GHK/787866	200	220.2	10.2	210
GHK/826885	210	225.2	7.1	217.5
GHK/866925	220	235.2	10.2	230
GHK/866944	220	240	10.2	230
GHK/874921	222	234.2	7.1	228
GHK/9251003	235	255	10.2	245
GHK/9371015	238	258.2	10.2	248



SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max speed	≤ 0.8 m/s



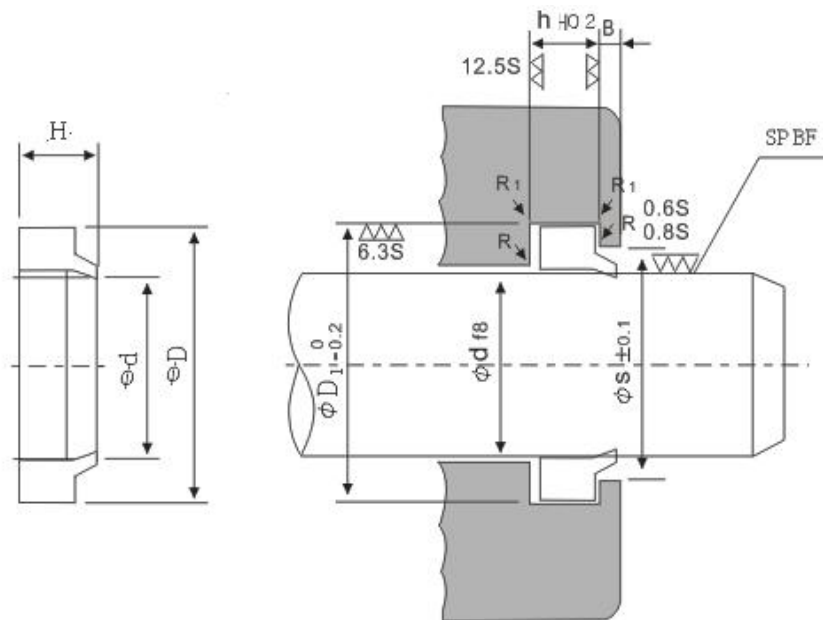
Part No.	SIZE			
	d	D	h	H
GPW/10	10	18	4	8
GPW/12	12	20	4	8
GPW/14	14	22	4	8
GPW/15	15	23	4	8
GPW/16	16	24	4	8
GPW/18	18	26	4	8
GPW/20	20	28	4	8
GPW/22	22	30	4	8
GPW/25	25	33	4	8
GPW/28	28	36	4	8
GPW/30	30	38	4	8
GPW/32	32	40	4	8

Part No.	SIZE			
	d	D	h	H
GPW/35	35	43	4	8
GPW/36	36	44	4	8
GPW/38	38	46	4	8
GPW/40	40	48	4	8
GPW/42	42	50	4	8
GPW/45	45	53	4	8
GPW/50	50	58	4	8
GPW/55	55	63	4	8
GPW/56	56	64	4	8
GPW/60	60	68	4	8
GPW/63	63	71	4	8
GPW/65	65	73	4	8

Part No.	SIZE			
	d	D	h	H
GPW/70	70	78	4	8
GPW/75	75	83	4	8
GPW/80	80	88	4	8
GPW/85	85	93	4	8
GPW/90	90	98	4	8
GPW/100	100	108	4	8
GPW/105	105	117	5.5	11
GPW/110	110	122	5.5	11
GPW/115	115	127	5.5	11
GPW/120	120	132	5.5	11
GPW/125	125	137	5.5	11
GPW/130	130	142	5.5	11
GPW/135	135	147	5.5	11
GPW/140	140	152	5.5	11
GPW/150	150	162	5.5	11
GPW/160	160	172	5.5	11
GPW/170	170	182	5.5	11
GPW/180	180	192	5.5	11
GPW/190	190	202	5.5	11
GPW/200	200	212	5.5	11
GPW/220	220	235	5.5	13



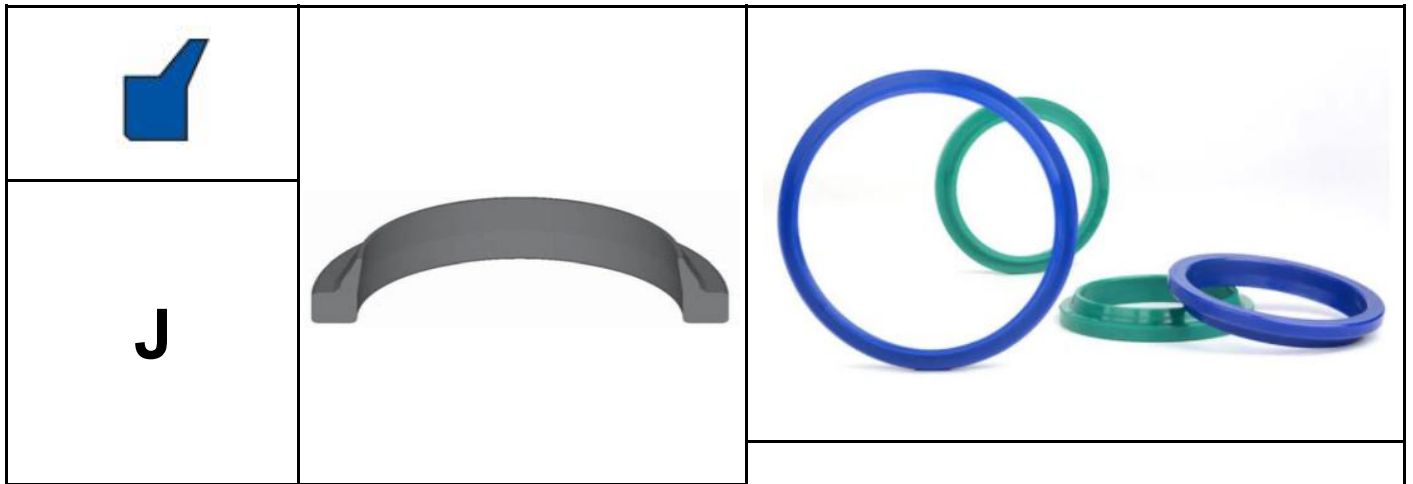
SEAL INFORMATION	
Material	PU / NBR
Temperature range	-30~110°C
Max speed	≤ 0.8 m/s



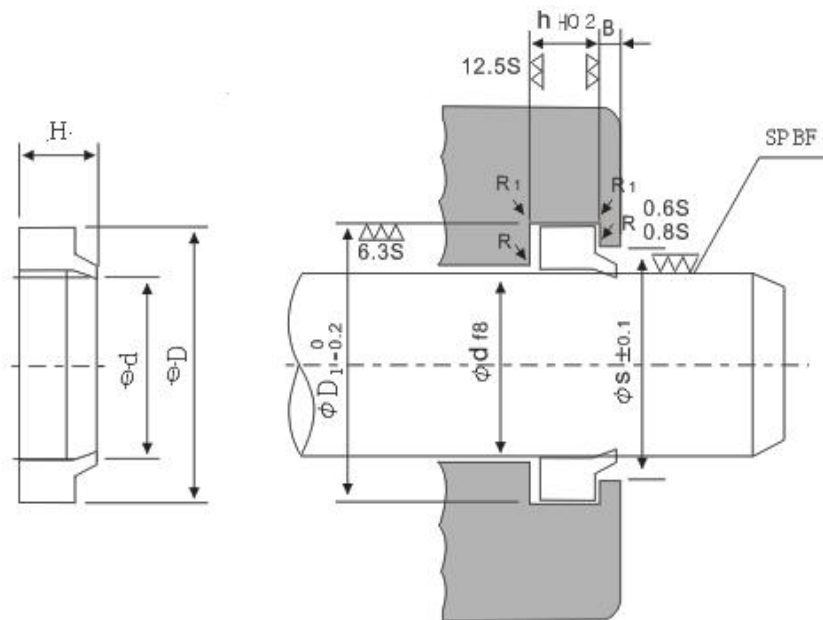
Part No.	SIZE			
	d	D	h	H
JA-18	18	26	2.5	5
JA-20	20	28	2.5	5
JA-22	22	30	2.5	5
JA-25	25	33	2.5	5
JA-28	28	36	2.5	5
JA-30	30	38	2.5	5
JA-32	32	41	3	6
JA-35	35	44	3	6
JA-36	36	45	3	6
JA-40	40	49	3	6
JA-45	45	54	3	6
JA-50	50	59	3	6

Part No.	SIZE			
	d	D	h	H
JA-55	55	64	3	6
JA-60	60	69	3	6
JA-63	63	72	3	6
JA-65	65	74	3	6
JA-70	70	82	4	8
JA-75	75	87	4	8
JA-80	80	92	4	8
JA-85	85	97	4	8
JA-90	90	102	4	8
JA-95	95	107	4	8
JA-100	100	112	4	8
JA-105	105	117	4	8

Part No.	SIZE			
	<i>d</i>	<i>D</i>	<i>h</i>	<i>H</i>
JA-110	110	122	4	8
JA-120	120	132	4	8
JA-125	125	140	5	10
JA-130	130	145	5	10
JA-140	140	155	5	10
JA-150	150	165	5	10
JA-160	160	175	5	10
JA-170	170	185	5	10
JA-180	180	195	5	10
JA-200	200	218	6	12
JA-220	220	238	6	12
JA-250	250	268	6	12
JA-280	280	298	6	12
JA-300	300	318	6	12
JA-320	320	338	6	12
JA-360	360	378	6	12



SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max speed	≤ 0.8 m/s



Part No.	SIZE			
	d	D	h	H
J	8	18	4	7
J	10	20	4	7
J	12	22	4	7
J	14	24	4	7
J	16	26	4	7
J	18	28	4	7
J	20	32	5	9
J	22	34	5	9
J	25	37	5	9
J	28	40	5	9
J	30	42	5	9
J	32	44	5	9

Part No.	SIZE			
	d	D	h	H
J	35	47	5	9
J	36	48	5	9
J	38	50	5	9
J	40	52	5	9
J	45	57	5	9
J	50	62	5	9
J	52	64	5	9
J	55	69	6	11
J	60	74	6	11
J	63	77	6	11
J	65	79	6	11
J	70	84	6	11

Part No.	SIZE			
	<i>d</i>	<i>D</i>	<i>h</i>	<i>H</i>
J	75	89	6	11
J	80	94	6	11
J	85	99	6	11
J	87	101	6	11
J	90	104	6	11
J	92	106	6	11
J	95	109	6	11
J	100	114	6	11
J	105	121	7	13
J	110	126	7	13
J	115	131	7	13
J	120	136	7	13
J	125	141	7	13
J	130	146	7	13
J	135	151	7	13
J	140	160	7	13
J	145	165	7	13
J	150	170	7	13
J	155	175	7	13
J	160	180	7	13
J	170	190	7	13
J	175	195	7	13
J	180	200	7	13
J	185	205	7	13
J	190	210	7	13
J	195	215	7	13
J	200	220	7	13
J	205	225	7	13
J	210	230	7	13
J	215	235	7	13
J	220	240	7	13
J	225	245	7	13
J	230	250	7	13
J	235	255	7	13
J	240	260	7	13
J	245	265	7	13
J	250	270	7	13
J	255	275	7	13
J	260	280	7	13
J	265	285	7	13
J	270	290	7	13
J	275	295	7	13
J	280	300	7	13
J	285	305	7	13
J	290	310	7	13
J	295	315	7	13
J	300	320	7	13
J	310	340	10	20
J	320	350	10	20
J	330	360	10	20
J	340	370	10	20
J	350	380	10	20
J	360	390	10	20
J	380	410	10	20
J	400	430	10	20
J	420	450	10	20
J	450	480	10	20

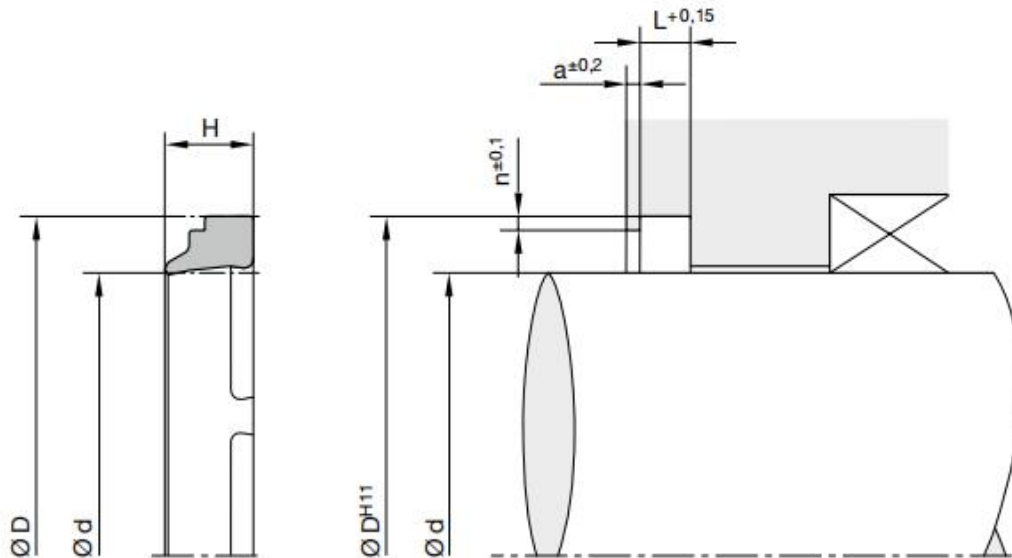


A1



SEAL INFORMATION

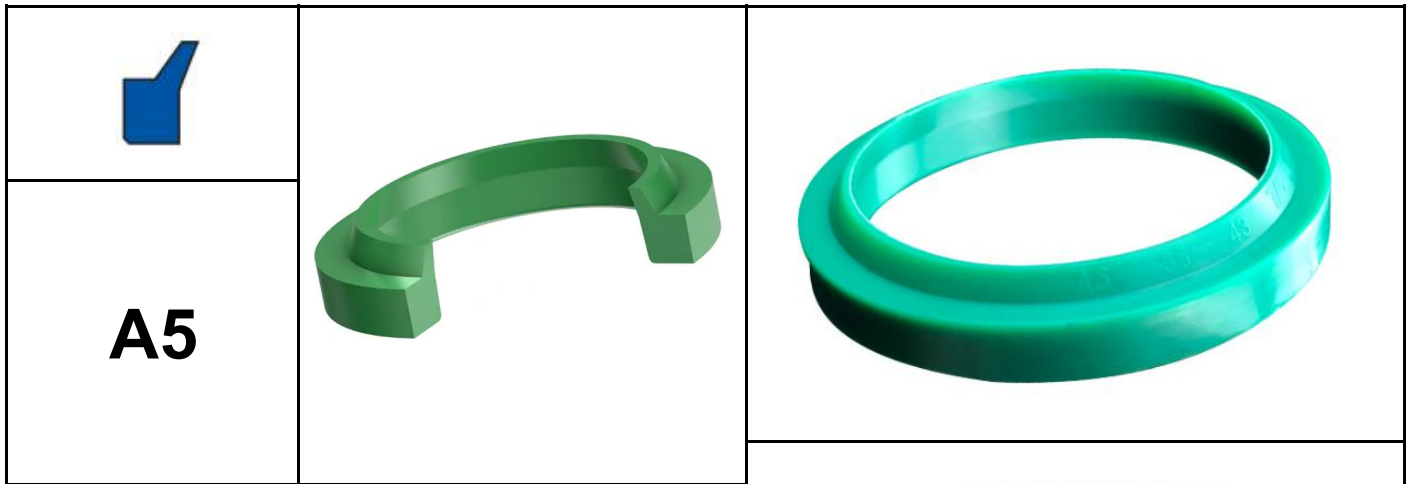
Material	PU
Temperature range	-20~100°C
Max speed	≤ 0.8 m/s



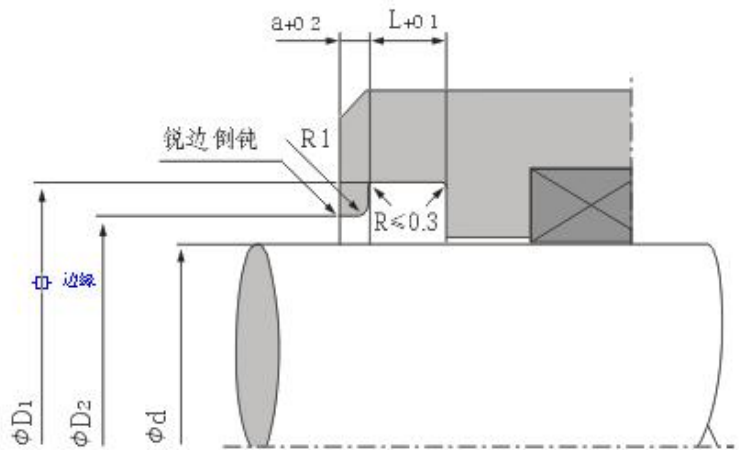
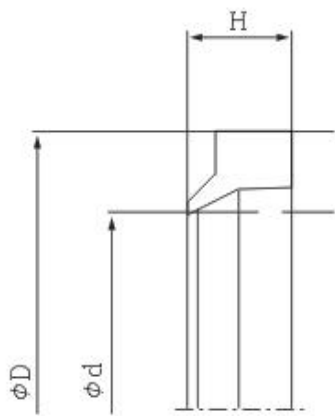
Part No.	SIZE			
	d	D	L	H
A1	12	20	4	7
A1	14	22	4	7
A1	16	24	4	7
A1	18	26	4	7
A1	20	28	4	7
A1	22	30	4	7
A1	25	33	4	7
A1	28	36	4	7
A1	30	38	4	7
A1	32	40	4	7
A1	35	43	4	7
A1	36	44	4	7

Part No.	SIZE			
	d	D	L	H
A1	38	46	4	7
A1	40	48	4	7
A1	42	50	4	7
A1	45	53	4	7
A1	48	56	4	7
A1	50	58	4	7
A1	50	62	5.5	10
A1	55	63	4	7
A1	56	64	4	7
A1	60	68	4	7
A1	62	70	4	7
A1	63	71	4	7

Part No.	SIZE			
	<i>d</i>	<i>D</i>	<i>L</i>	<i>H</i>
A1	65	73	4	7
A1	70	78	4	7
A1	70	82	5.5	10
A1	75	83	4	7
A1	80	88	4	7
A1	80	92	5.5	10
A1	85	93	4	7
A1	90	98	4	7
A1	95	103	4	7
A1	97	105	4	7
A1	100	108	4	7
A1	105	117	5.5	10
A1	110	122	5.5	10
A1	120	132	5.5	10
A1	125	137	5.5	10
A1	128	140	5.5	10
A1	130	142	5.5	10
A1	140	152	5.5	10
A1	145	157	5.5	10
A1	150	162	5.5	10
A1	160	172	5.5	10
A1	170	182	5.5	10
A1	180	192	5.5	10
A1	190	202	5.5	10
A1	200	212	5.5	10
A1	220	235	6.5	13
A1	230	245	6.5	13
A1	240	255	6.5	13
A1	260	275	6.5	13



SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max speed	≤ 2 m/s

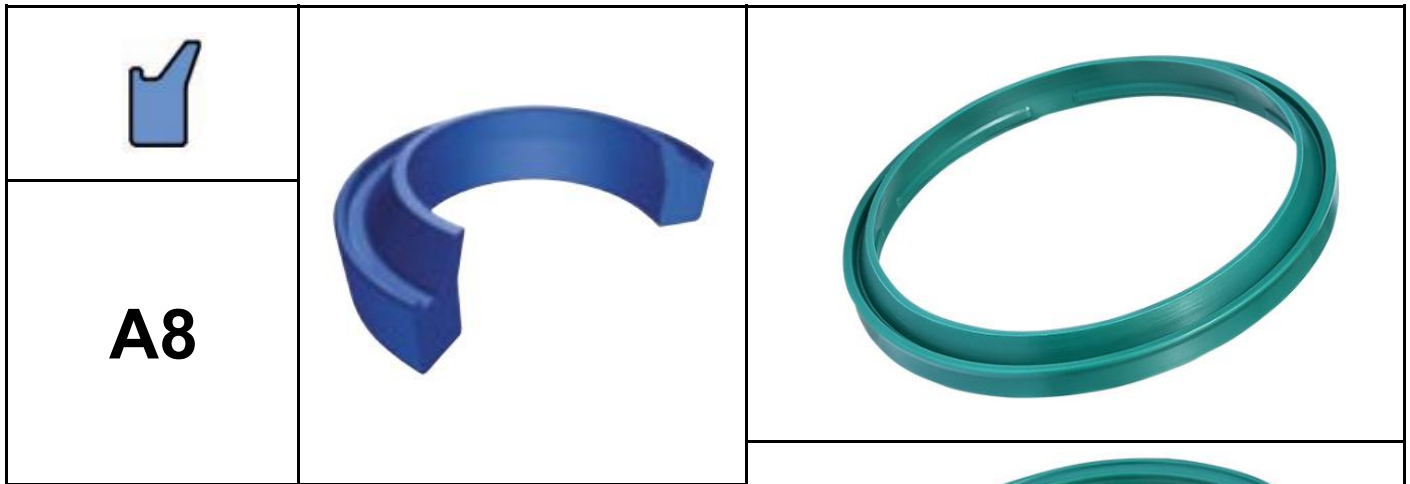


Part No.	SIZE			
	d	D	L	H
A5	5	8	2.3	3
A5	19	25.4	2.8	4
A5	20	28	5.3	7
A5	22	30	5.3	7
A5	25	33	5.3	7
A5	28	36	5.3	7
A5	30	38	5.3	7
A5	32	40	5.3	7
A5	35	43	5.3	7
A5	36	44	5.3	7
A5	40	48	5.3	7
A5	42	50	5.3	7

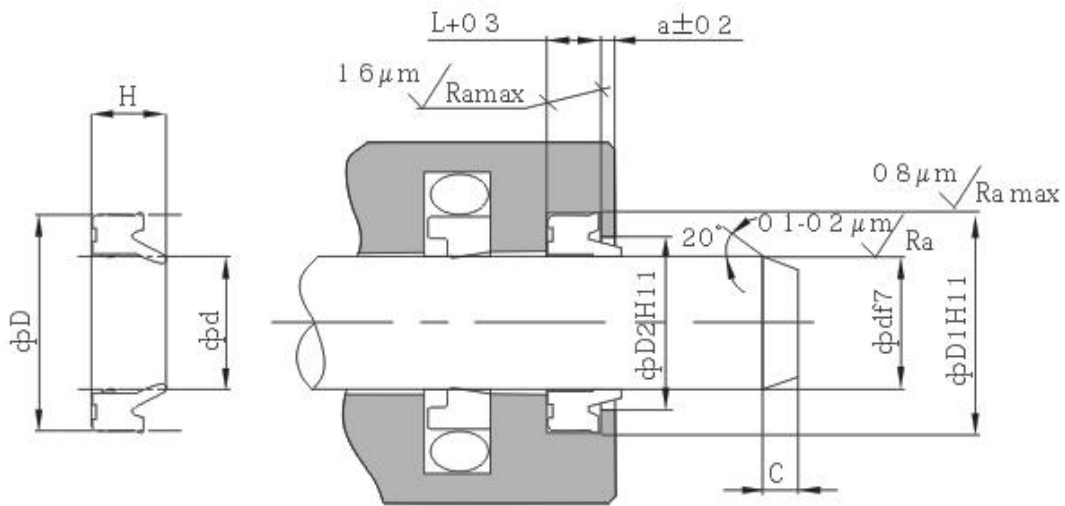
Part No.	SIZE			
	d	D	L	H
A5	45	53	5.3	7
A5	45	55	5.3	7
A5	46	54	5.3	7
A5	50	58	5.3	7
A5	50	60	5.3	7
A5	55	63	5.3	7
A5	55	65	5.3	7
A5	56	66	5.3	7
A5	60	68	5.3	7
A5	60	70	5.3	7
A5	63	71	5.3	7
A5	63	73	5.3	7

Part No.	SIZE			
	<i>d</i>	<i>D</i>	<i>L</i>	<i>H</i>
A5	64	72	5.3	7
A5	65	73	5.3	7
A5	65	75	5.3	7
A5	70	78	5.3	7
A5	70	80	5.3	7
A5	70	82	7.1	12
A5	75	83	5.3	7
A5	75	87	7.1	12
A5	75	88	5.3	7
A5	80	88	5.3	7
A5	80	92	7.1	12
A5	85	93	5.3	7
A5	90	98	5.3	7
A5	90	102	7.1	12
A5	92	100	5.3	7
A5	95	103	5.3	7
A5	100	10B	5.3	7
A5	100	112	7.1	12
A5	105	113	5.3	7
A5	105	120	7.1	12
A5	110	118	5.3	7
A5	110	122	7.1	12
A5	112	120	5.3	7
A5	115	123	5.3	7
A5	115	125	5.3	7
A5	115	127	7.1	12
A5	118	128	5.3	7
A5	120	140	9.5	14.5
A5	125	133	5.3	7
A5	125	137	7.6	12
A5	125	140	10.1	16
A5	127	136.5	5.3	7
A5	130	142	7.1	12
A5	140	148	5.3	7
A5	140	152	7.1	12
A5	140	155	10.1	16
A5	143	151	5.3	7
A5	143	153	5.3	7
A5	145	153	5.3	7
A5	145	160	10.1	16
A5	150	165	10.1	16
A5	152	160	5.3	7
A5	155	167	7.1	12
A5	155	175	10.2	18
A5	160	168	5.3	7
A5	160	172	7.6	12
A5	160	175	10.1	16
A5	165	173	5.3	7
A5	170	182	7.1	12
A5	171	181	5.3	7
A5	171	183	7.1	12
A5	175	183	5.3	7
A5	180	200	10.2	18
A5	185	193	5.3	7
A5	190	198	5.3	7
A5	195	210	10.1	16
A5	200	220	10.2	18
A5	210	225	10.1	16

Part No.	SIZE			
	<i>d</i>	<i>D</i>	<i>L</i>	<i>H</i>
A5	220	240	10.2	18
A5	230	250	10.2	18
A5	240	260	10.2	18
A5	250	270	10.2	18
A5	360	380	10.2	18



SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max speed	≤ 2 m/s



Part No.	SIZE			
	d	D	L	H
A8	18	24	5	7
A8	20	28	5	8
A8	22	30	5	8
A8	25	33	5	8
A8	28	36	5	8
A8	30	38	5	8
A8	30	41.2	7.5	10
A8	32	40	5	8
A8	35	43	5	8
A8	36	44	5	8
A8	40	48	5	8
A8	42	50.6	5.3	7

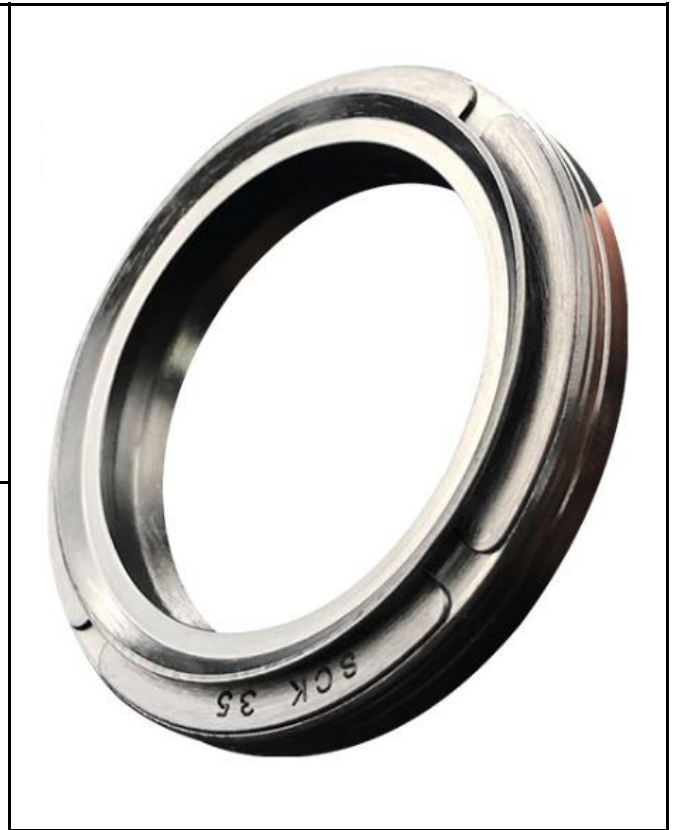
Part No.	SIZE			
	d	D	L	H
A8	45	53	5	8
A8	45	55.6	5.3	7
A8	50	58	5	8
A8	50	58.6	5.3	7
A8	50	60.6	5.3	7
A8	55	65.6	5.3	7
A8	56	66	6.3	10
A8	56	66.6	5.3	7
A8	60	70	5.3	7
A8	60	70	6.3	10
A8	60	70.6	5.3	7
A8	63	73	6.3	10

Part No.	SIZE			
	<i>d</i>	<i>D</i>	<i>L</i>	<i>H</i>
A8	63	73.6	5.3	7
A8	65	75	6.3	10
A8	65	75.6	5.3	7
A8	70	80	6.3	10
A8	70	82.2	7.2	12
A8	70	80.6	5.3	7
A8	75	85	6.3	10
A8	75	83.6	5.3	7
A8	75	87.2	7.2	12
A8	80	90	6.3	10
A8	80	91	7.5	11
A8	80	92.2	7.2	12
A8	85	98	7.5	11.5
A8	85	93.6	5.3	7
A8	85	97.2	7.2	12
A8	90	100	6.3	10
A8	90	102.2	7.2	12
A8	95	107.2	7.2	12
A8	100	110.6	5.3	7
A8	100	115	9.5	14
A8	100	112.2	7.2	12
A8	105	113	5	8
A8	105	120	7.2	12
A8	110	125	9.5	14
A8	110	122.2	7.2	12
A8	115	127.2	7.2	12
A8	120	135	9.5	14
A8	120	132.2	7.2	12
A8	125	137.2	7.7	12
A8	125	140	10.2	16
A8	125	140	9.5	14
A8	125	133	5.3	7
A8	130	142.2	7.2	12
A8	132	144.2	7.2	12
A8	135	150	9.5	14
A8	140	155	9.5	14
A8	140	148.6	5.3	7
A8	140	152.2	7.1	12
A8	140	152.2	7.7	12
A8	145	153.6	5.3	7
A8	145	160	9.5	14
A8	150	162.2	7.7	12
A8	150	165	10.2	16
A8	150	165	7.2	12
A8	150	166	8	12
A8	155	163	5	8
A8	155	167.2	7.7	12
A8	155	175	10.2	18
A8	225	240	9.5	14
A8	225	245	10.2	18
A8	230	238.6	5.3	7
A8	230	245	9.5	14
A8	230	246	7.5	12
A8	230	250	10.2	18
A8	235	255	10.2	18
A8	240	255	9.5	14
A8	240	260	10.2	18
A8	245	265	12.5	18

Part No.	SIZE			
	<i>d</i>	<i>D</i>	<i>L</i>	<i>H</i>
A8	250	270	10.2	18
A8	250	270	12.5	18
A8	255	270	9.5	14
AB	260	275	9.5	14
A8	260	280	10.2	18
A8	265	280	10.2	16
A8	265	285	10.2	15
A8	270	278.6	5.3	7
A8	280	295	9.5	14
A8	280	300	10.2	15
A8	285	305	12.5	18
A8	290	310	12.5	18
AB	295	315	12.5	18
A8	300	316	7.5	12
A8	300	320	12.5	18
A8	300	320	10.2	18
A8	305	325	12.5	18
A8	310	330	10.2	18
A8	320	340	10.2	18
A8	330	346	7.5	12
A8	335	355	10.2	18
A8	340	360	10.2	18
A8	350	370	10.2	18
A8	355	375	10.2	18
A8	360	380	10.2	18
A8	370	390	10.2	18
A8	370	390	12.5	18
A8	380	400	10.2	18
A8	380	410	15.2	25
A8	390	415	11.7	23
A8	400	420	10.2	18
A8	410	440	15.2	25

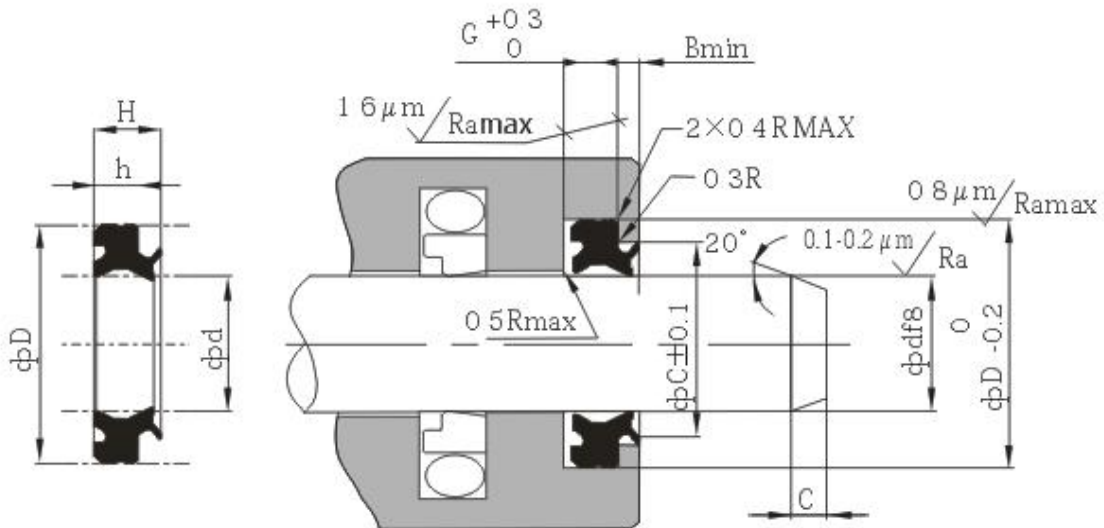


SCK



SEAL INFORMATION

Material	NBR
Temperature range	-20~100°C
Max speed	≤ 2 m/s



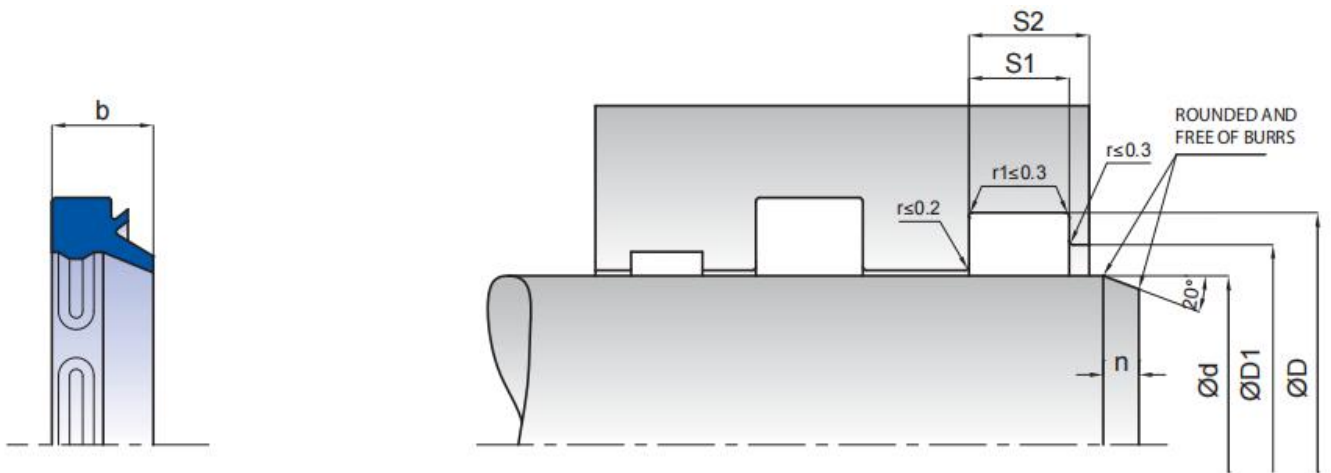
Part No.	SIZE			
	d	D	h	H
SCK-18	18	30	5.8	7.7
SCK-20	20	32	5.8	7.7
SCK-25	25	37	5.8	7.7
SCK-28	28	40	5.8	7.7
SCK-30	30	42	5.8	7.7
SCK-32	32	44	6.8	8.7
SCK-35	35	47	6.8	8.7
SCK-40	40	52	6.8	8.7
SCK-45	45	57	6.8	8.7
SCK-50	50	62	6.8	8.7
SCK-55	55	69	7.7	10
SCK-60	60	74	7.7	10

Part No.	SIZE			
	d	D	h	H
SCK-65	65	79	7.7	10
SCK-70	70	84	7.7	10
SCK-75	75	89	7.7	10
SCK-80	80	94	7.7	10
SCK-85	85	99	7.7	10
SCK-90	90	104	7.7	10
SCK-95	95	109	7.7	10
SCK-100	100	114	7.7	10
SCK-105	105	121	8.7	12
SCK-110	110	126	8.7	12
SCK-115	115	131	8.7	12
SCK-120	120	136	8.7	12

<i>Part No.</i>	<i>SIZE</i>			
	<i>d</i>	<i>D</i>	<i>h</i>	<i>H</i>
SCK-125	125	141	8.7	12
SCK-130	130	146	8.7	12
SCK-132	132	148	8.7	12
SCK-140	140	160	9.7	14
SCK-160	160	180	9.7	14



SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max speed	≤ 1 m/s



Part No.	SIZE		
	d	D	b
K05-016	16	24	7
K05-018	18	26	7
K05-020	20	28	7
K05-022	22	30	7
K05-025	25	33	7
K05-028	28	36	7
K05-030	30	38	7
K05-032	32	40	7
K05-035	35	43	7
K05-036	36	44	7
K05-040	40	48	7
K05-045	45	53	7

Part No.	SIZE		
	d	D	b
K05-050	50	58	7
K05-055	55	63	7
K05-060	60	68	7
K05-063	63	71	7
K05-065	65	73	7
K05-065/1	65	75	9.5
K05-070	70	78	7
K05-075	75	83	7
K05-080	80	88	7
K05-085	85	93	7
K05-090	90	98	7
K05-100	100	108	7

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>b</i>
K05-110	110	122	10
K05-115	115	127	10
K05-120	120	132	10
K05-125/1	125	137	10
K05-125	125	140	13
K05-130	130	142	10
K05-140	140	152	10
K05-150	150	162	10
K05-160	160	172	10
K05-170	170	182	10
K05-180	180	192	10
K05-200	200	212	10

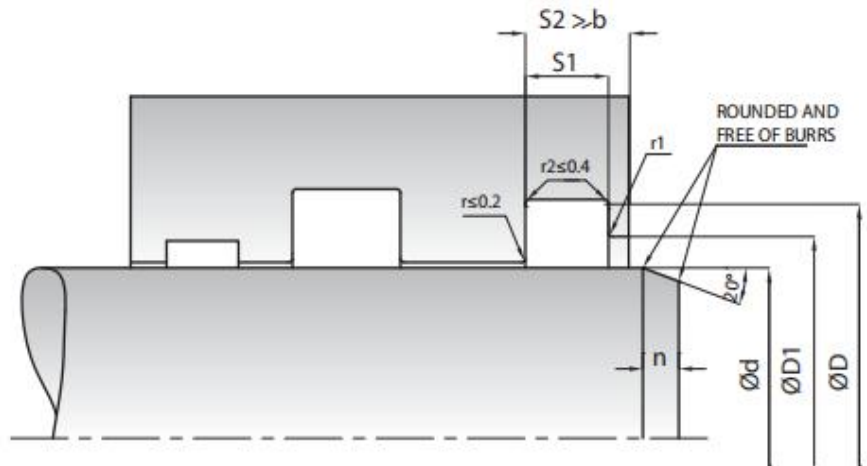
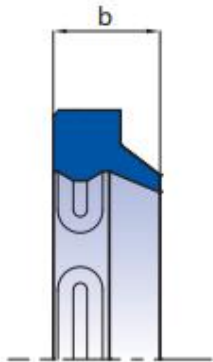


KASTAŞ
K06



SEAL INFORMATION

Material	PU
Temperature range	-20~100°C
Max speed	≤ 1 m/s



Part No.	SIZE		
	d	D	b
K06-005	5	12	4
K06-008/2	8	14.6	4.5
K06-010	10	14.2	3
K06-010/2	10	16	5
K06-010/1	10	18	8
K06-012/1	12	18.6	5.5
K06-012/4	12	18.6	5
K06-12/2	12	20.7	7
K06-014	14	18.6	3.3
K06-014/1	14	20.6	5
K06-015/1	15	21.8	5
K06-015/2	15	27.3	7

Part No.	SIZE		
	d	D	b
K06-016/1	16	22.6	5.5
K06-016/2	16	22.6	5
K06-016/3	16	22.8	4
K06-016	16	24.6	7
K06-018/3	18	24	5
K06-018	18	26.6	7
K06-018/1	18	30.3	7
K06-019/1	19	28.4	7
K06-019	19.05	28.49	7.15
K06-020/1	20	25	6
K06-020	20	28.6	7
K06-020/2	20	30	7

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>b</i>
K06-022/2	22	30.2	3.5
K06-022	22	30.6	7
K06-022/1	22.22	31.75	7.1
K06-024/1	24	32	3.5
K06-024	24	32.6	7
K06-025/2	25	30	6.5
K06-025/4	25	30	6
K06-025	25	33.6	7
K06-025/1	25.4	34.93	7.15
K06-027	27	35	7
K06-028	28	36.6	7
K06-028/1	28	38.2	7
K06-030	30	38.6	7
K06-030/3	30	40.2	4
K06-030/1	30	45	8
K06-031/1	31.75	41.27	7.15
K06-032/2	32	40.2	5
K06-032	32	40.6	7
K06-033	33	42	7
K06-034	34.92	44.45	7.15
K06-035/3	35	40.2	5
K06-035	35	43.6	7
K06-035/1	35	47.5	7
K06-036	36	44.6	7
K06-036/1	36	48.2	7
K06-038/1	38	46.6	7
K06-038	38.1	47.62	7.15
K06-040	40	48.6	7
K06-040/1	40	48.6	7
K06-040/3	40	50.6	7
K06-040/2	40	52.2	8
K06-040/4	40	52.2	8
K06-042	42	50.6	7
K06-043	43	55	7
K06-044	44.45	53.97	7.15
K06-045/1	45	53.6	7
K06-045	45	55.6	7
K06-045/2	45	60	6
K06-046	46	54	7
K06-048	48	56.6	7
K06-050/1	50	58.6	7
K06-050/4	50	58.6	6
K06-050	50	60.6	7
K06-050/6	50	62	7
K06-050/8	50	65.6	6
K06-050/2	50	65.6	12
K06-050/5	50.8	63	9.52
K06-050/3	50.8	63.5	9.52
K06-053	53	61.6	7
K06-055/2	55	63.6	7
K06-055	55	65.6	7
K06-055/1	55	67.2	12
K06-056/1	56	64.6	7
K06-056	56	66.6	7
K06-057	57	69.85	9.52
K06-058	58	68.6	7
K06-060/1	60	68.6	7
K06-060/2	60	70.3	10

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>b</i>
K06-060	60	70.6	7
K06-060/3	60	70.6	10
K06-060/4	60.32	73.02	9.52
K06-061	61	69.6	7
K06-063/1	63	71.6	7
K06-063	63	73.6	7
K06-063/4	63	75.2	9
K06-063/2	63.5	76.12	9.52
K06-065/1	65	73.6	7
K06-065	65	75.6	7
K06-065/2	65	77.2	12
K06-069	69.72	79.62	6.35
K06-070/1	70	78.6	7
K06-070/5	70	80	8
K06-070	70	80.6	7
K06-070/2	70	80.6	10
K06-070/3	70	82.6	12
K06-073	73	81.6	7
K06-073/1	73	83.6	12
K06-075/1	75	83.2	7
K06-075/3	75	85	8
K06-075/2	75	85.6	7
K06-075	75	87.2	12
K06-076/1	76	84.6	7
K06-076	76.2	88.8	9.52
K06-078	78	92.2	12
K06-080/1	80	88.6	7
K06-080/3	80	90	8
K06-080/2	80	90.2	9
K06-080	80	92.2	12
K06-082	82	95	7
K06-085/1	85	93.6	7
K06-085/2	85	95	7
K06-085/3	85	95	8
K06-085	85	97.2	12
K06-088/1	88	100.2	12
K06-088	88.9	101.5	9.52
K06-090/3	90	98	7
K06-090/6	90	100	8
K06-090/4	90	100	9
K06-090/1	90	100.6	12
K06-090	90	102.2	12
K06-091	91	99.6	7
K06-095/1	95	103.6	7
K06-095/2	95	105.2	8
K06-095	95	107.2	12
K06-095/3	95.12	105.62	6.35
K06-100/1	100	108.6	7
K06-100/3	100	108.6	8
K06-100/4	100	110	8
K06-100/5	100	110.6	7
K06-100	100	112.2	12
K06-100/2	100	115.2	13
K06-101	101.6	114.3	9.52
K06-103	103	115.2	12
K06-105/1	105	113.6	7
K06-105	105	117.2	12
K06-105/2	105	120.4	9.5

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>b</i>
K06-106	106	118	9
K06-110/1	110	118.6	7
K06-110	110	122.2	12
K06-110/3	110	125.2	13
K06-113	113	125	12
K06-115/1	115	123.2	7
K06-115/2	115	125.6	7
K06-115	115	127.2	12
K06-118	118	126	7
K06-120/3	120	128.6	7
K06-120/2	120	130	7
K06-120	120	132.2	12
K06-120/1	120.52	130.42	6.35
K06-123	123	131	7
K06-125/1	125	133.6	7
K06-125/2	125	137.6	12
K06-125/5	125	138	10
K06-125/4	125	140	15
K06-125	125	140	16
K06-127	127	146.05	12.7
K06-128	128	140.2	12
K06-130/1	130	142.6	12
K06-130	130	145	16
K06-135	135	147	12
K06-135/2	135	149.2	12
K06-140/8	140	148.6	7
K06-140/5	140	148.6	8
K06-140/4	140	150	7
K06-140/2	140	152.2	12
K06-140/6	140	152.2	12
K06-140/7	140	153	10
K06-140/3	140	155	12
K06-140	140	155	16
K06-142/1	142	150.7	7
K06-142/2	142	154	12
K06-143	143	151	7
K06-145	145	153.6	7
K06-145/3	145	157.2	12
K06-145/1	145	160.2	16
K06-145/2	145.92	156.42	6.35
K06-150/2	150	162	12
K06-150	150	165	16
K06-155	155	167	12
K06-155/2	155	170	10
K06-155/1	155	170	16
K06-160/5	160	168	7
K06-160/1	160	172	12
K06-160/7	160	173	10
K06-160/6	160	175	13
K06-160	160	175	16
K06-163	163	175.8	12
K06-170/1	170	182	16
K06-170/2	170	182.2	12
K06-170	170	185	16
K06-171	171	186.2	16
K06-171/1	171.32	181.82	6.35
K06-172	172	184	12
K06-180/1	180	188	7

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>b</i>
K06-180/2	180	193	10
K06-180/3	180	195	14
K06-180	180	200	18
K06-185	185	197	12
K06-190	190	210	18
K06-195	195	210	16
K06-200/4	200	213	10
K06-200/1	200	215	12.3
K06-200/2	200	215	16
K06-200	200	220	18
K06-200/3	200.78	211.19	6.35
K06-210/1	210	225	16
K06-210	210	230	18
K06-212	212	224	12
K06-215	215	237	18
K06-220/3	220	235	12
K06-220	220	235	18
K06-220/1	220	240	16
K06-220/2	220	240	18
K06-225	225	245	18
K06-230/1	230	244	10
K06-230	230	250	18
K06-240/1	240	248	7
K06-240/2	240	255.2	16
K06-240	240	260	18
K06-250	250	270	18
K06-260	260	280	18
K06-270/1	270	285	12
K06-270	270	290	18
K06-280	280	300	18
K06-300	300	320	18
K06-320	320	335	12
K06-330/1	330	346.2	16
K06-330	330	354	15
K06-380	380	400	18



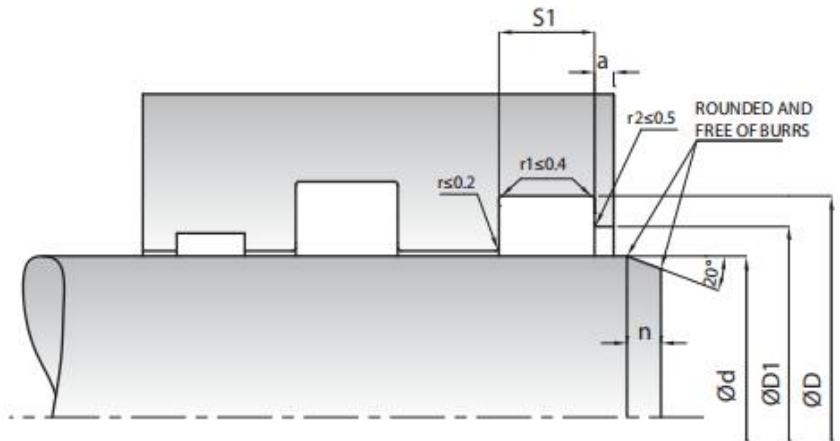
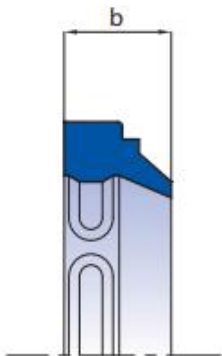
KASTAŞ

K09



SEAL INFORMATION

Material	PU
Temperature range	-20~100°C
Max speed	≤ 1 m/s



Part No.	SIZE		
	d	D	b
K09-004	4	12	7
K09-005	5	8	4
K09-006	6	10	4
K09-008	8	16	7
K09-010	10	18	7
K09-012/2	12	18	5
K09-012	12	20	7
K09-014	14	22	7
K09-015	15	23	7
K09-016	16	24	7
K09-017	17	25	7
K09-018	18	26	7

Part No.	SIZE		
	d	D	b
K09-020	20	28	7
K09-022	22	30	7
K09-022/1	22	32	7
K09-023	23	31	7
K09-024	24	32	7
K09-025	25	33	7
K09-025/1	25	35	7
K09-025/2	25	34	8.5
K09-026	26	34	7
K09-028	28	36	7
K09-030	30	38	7
K09-030/1	30	40	7

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>b</i>
K09-032	32	40	7
K09-033	33	41	7
K09-034	34	42	7
K09-035	35	43	7
K09-035/1	35	45	7
K09-036	36	44	7
K09-038	38	46	7
K09-040	40	48	7
K09-040/1	40	50	7
K09-042	42	50	7
K09-044	44	52	7
K09-045	45	53	7
K09-045/1	45	56	8
K09-048	48	56	7
K09-050	50	58	7
K09-050/1	50	62	10
K09-052	52	60	7
K09-054	54	62	7
K09-055	55	63	7
K09-056	56	64	7
K09-057	57	65	7
K09-060	60	68	7
K09-062	62	70	7
K09-063	63	71	7
K09-065	65	73	7
K09-068	68	76	7
K09-070	70	78	7
K09-075	75	83	7
K09-078	78	86	7
K09-080	80	88	7
K09-085	85	93	7
K09-088	88	96	7
K09-090	90	98	7
K09-092	92	100	7
K09-095	95	103	7
K09-100	100	108	7
K09-102	102	114	10
K09-110	110	118	7
K09-106	106	118	10
K09-110/1	110	122	10
K09-115	115	127	10
K09-117/1	117	129	10
K09-120	120	132	10
K09-125	125	137	10
K09-128	128	140	10
K09-130	130	142	10
K09-135	135	147	10
K09-140	140	152	10
K09-150	150	162	10
K09-152	152	164	10
K09-155	155	167	10
K09-160	160	172	10
K09-165	165	177	10
K09-180	180	192	10
K09-190	190	202	10
K09-200	200	212	10
K09-210	210	225	13
K09-210/1	210	218	7

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>b</i>
K09-220	220	235	13
K09-250	250	265	13



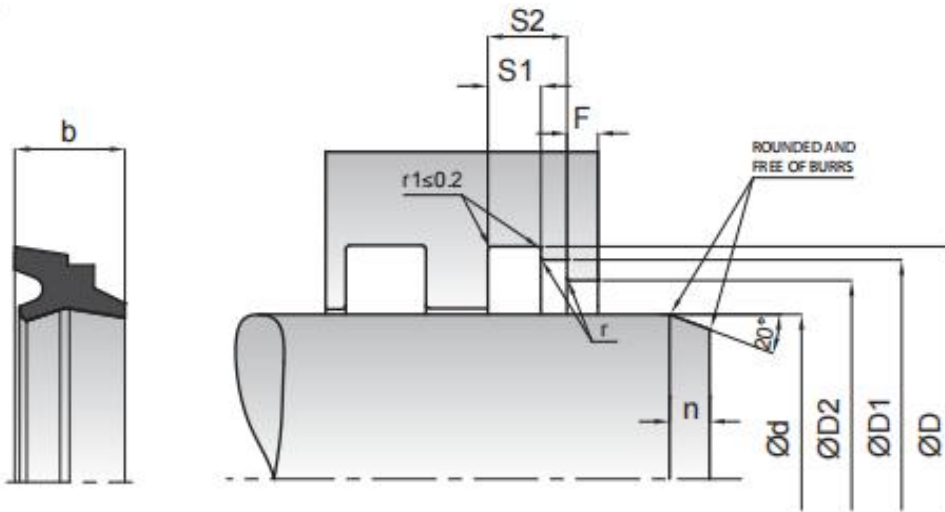
KASTAŞ

K10



SEAL INFORMATION

Material	NBR
Temperature range	-30~110°C
Max speed	≤ 1 m/s



Part No.	SIZE		
	d	D	b
K10-010	10	18	8
K10-012	12	20	8
K10-014	14	22	8
K10-015	15	23	8
K10-016	16	24	8
K10-018	18	26	8
K10-020	20	28	8
K10-022	22	30	8
K10-024	24	32	8
K10-025	25	33	8
K10-026	26	34	8
K10-028	28	36	8

Part No.	SIZE		
	d	D	b
K10-030	30	38	8
K10-032	32	40	8
K10-035	35	43	8
K10-036	36	44	8
K10-037	37	45	8
K10-038	38	46	8
K10-040	40	48	8
K10-042	42	50	8
K10-045	45	53	8
K10-046	46	54	8
K10-048	48	56	8
K10-050	50	58	8

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>b</i>
K10-052	52	60	8
K10-055	55	63	8
K10-056	56	64	8
K10-060	60	68	8
K10-063	63	71	8
K10-065	65	73	8
K10-068	68	76	8
K10-070	70	78	8
K10-075	75	83	8
K10-080	80	88	8
K10-085	85	93	8
K10-090	90	98	8
K10-095	95	103	8
K10-100	100	108	8
K10-105	105	117	11
K10-110	110	122	11
K10-113	113	125	11
K10-115	115	127	11
K10-120	120	132	11
K10-125	125	137	11
K10-130	130	142	11
K10-135	135	147	11
K10-140	140	152	11
K10-142	142	154	11
K10-145	145	157	11
K10-150	150	162	11
K10-155	155	167	11
K10-160	160	172	11
K10-165	165	177	11
K10-170	170	182	11
K10-172	172	184	11
K10-175	175	187	11
K10-180	180	192	11
K10-185	185	197	11
K10-190	190	202	11
K10-192	192	204	11
K10-195	195	207	11
K10-200	200	212	11
K10-205	205	220	13
K10-210	210	225	13
K10-215	215	230	13
K10-220	220	235	13
K10-225	225	240	13
K10-230	230	245	13
K10-235	235	250	13
K10-240	240	255	13
K10-245	245	260	13
K10-250	250	265	13
K10-258	258	273	13
K10-260	260	275	13
K10-270	270	285	13
K10-275	275	290	13
K10-280	280	295	13
K10-285	285	300	13
K10-290	290	305	13
K10-300	300	315	13
K10-310	310	325	13
K10-320	320	335	13

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>b</i>
K10-340	340	355	13
K10-345	345	360	13
K10-350	350	365	13
K10-360	360	375	13
K10-370	370	385	13
K10-400	400	415	13
K10-450	450	465	13
K10-460	460	475	13



KASTAŞ

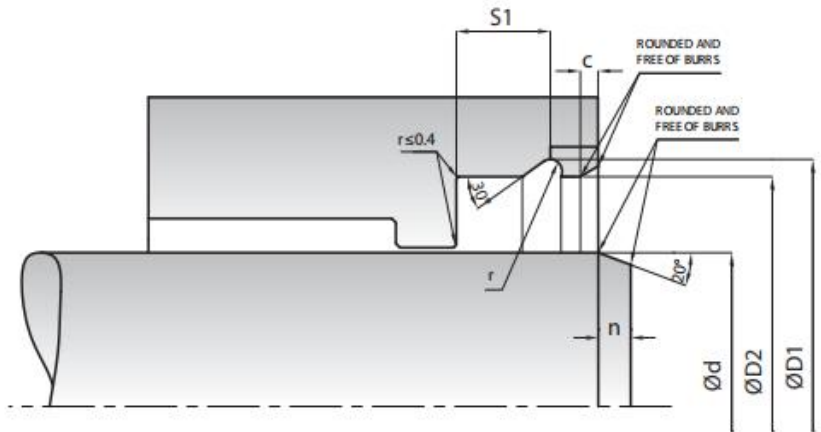
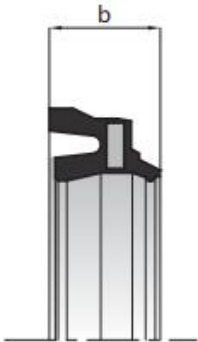
K30

(Pneumatic)



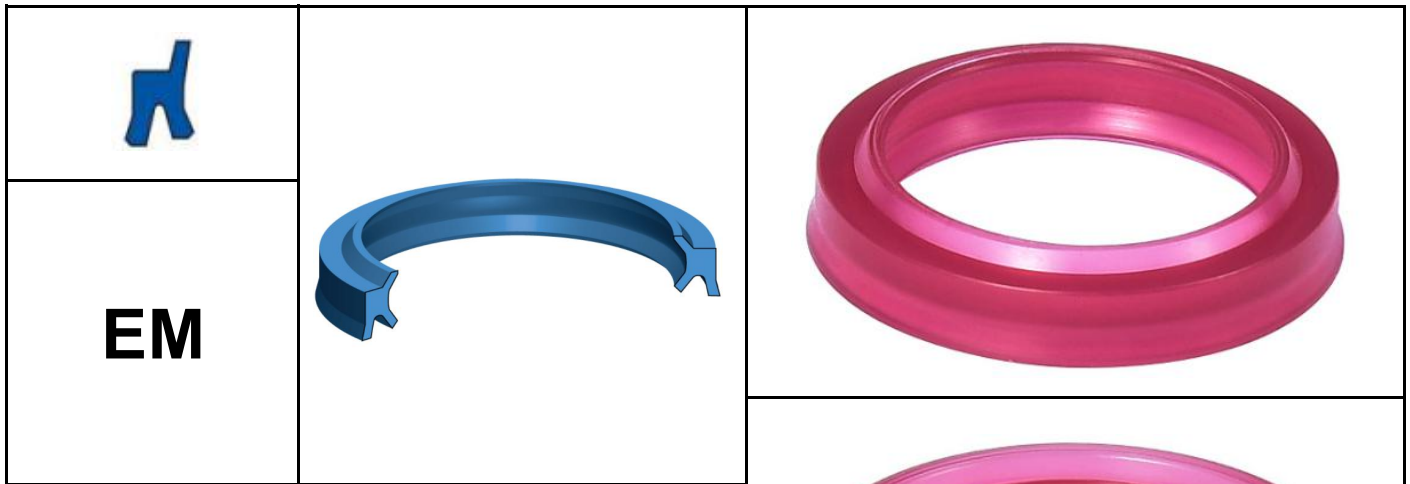
SEAL INFORMATION

Material	NBR / Steel
Temperature range	-30~110°C
Max speed	≤ 1 m/s

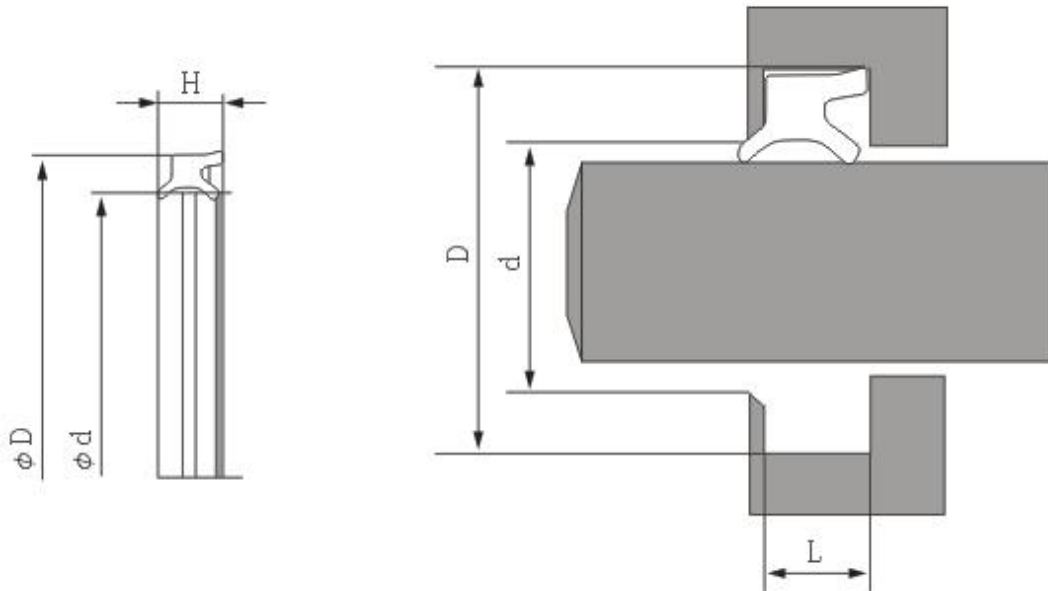


Part No.	SIZE			
	d	D	S1	b
K-30-010	10	17	7	9.5
K-30-012	12	20	7	9.5
K-30-012/01	12	22	7	9.5
K-30-014	14	24	7	9.5
K-30-016	16	26	7	9.5
K-30-018	18	26	7	9.5
K-30-020	20	30	7	9.5
K-30-022	22	32	7	9.5
K-30-025	25	35	7	9.5
K-30-030	30	40	7	9.5
K-30-032	32	42	7	9.5
K-30-035	35	45	7	9.5

Part No.	SIZE			
	d	D	S1	b
K-30-040	40	50	7	9.5
K-30-045	45	55	7	9.5
K-30-050	50	60	7	9.5
K-30-063	63	76	9	13



SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max speed	≤ 1 m/s

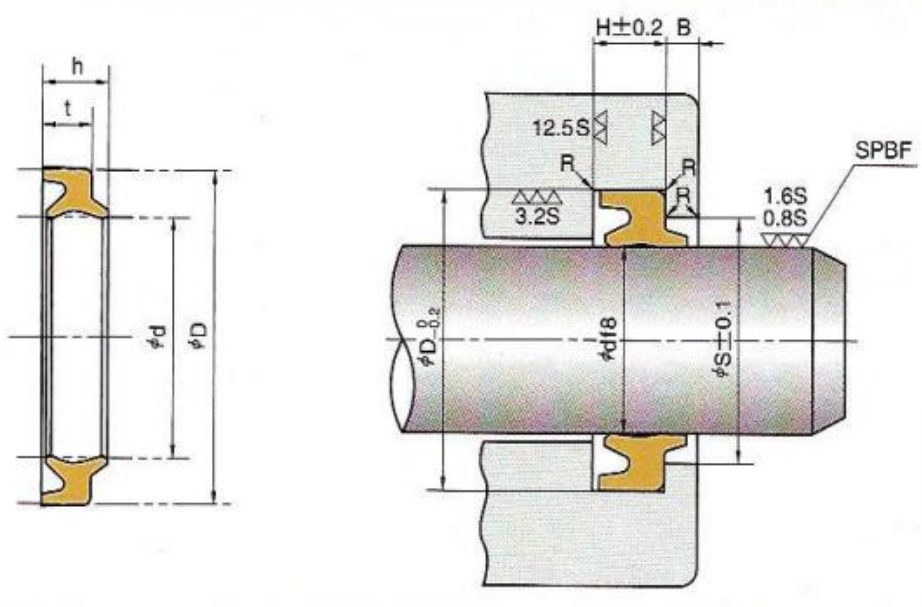


Part No.	SIZE			
	d	D	L	H
EM	3	5.6	2.7	2.8
EM	4	7	2.7	2.8
EM	5	8	2.7	2.8
EM	6	9	2.7	2.8
EM	8	11.5	3	3.2
EM	10	14	3.4	3.7
EM	12	16.5	3.7	4
EM	14	18.5	3.7	4
EM	16	20.5	3.7	4
EM	18	22.5	3.7	4
EM	20	25	4.15	4.6
EM	22	27	4.15	4.6

Part No.	SIZE			
	d	D	L	H
EM	25	30	4.15	4.6
EM	30	35.5	4.55	5
EM	32	37.5	4.55	5
EM	40	46	4.9	5.5
EM	50	56	4.9	5.5



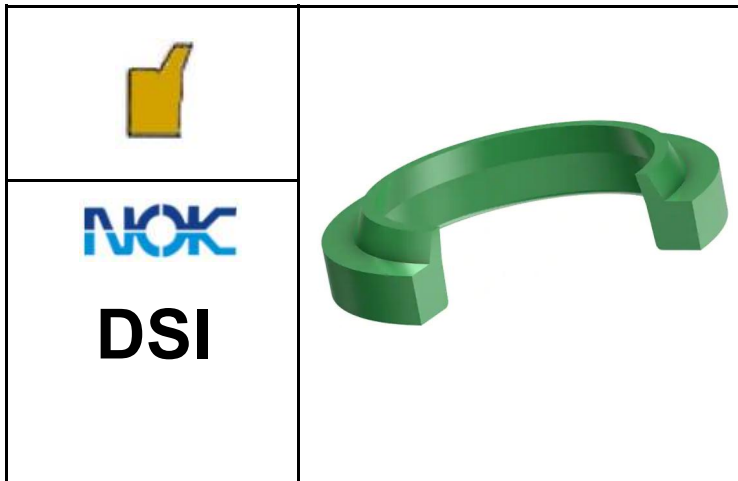
SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max speed	≤ 1 m/s



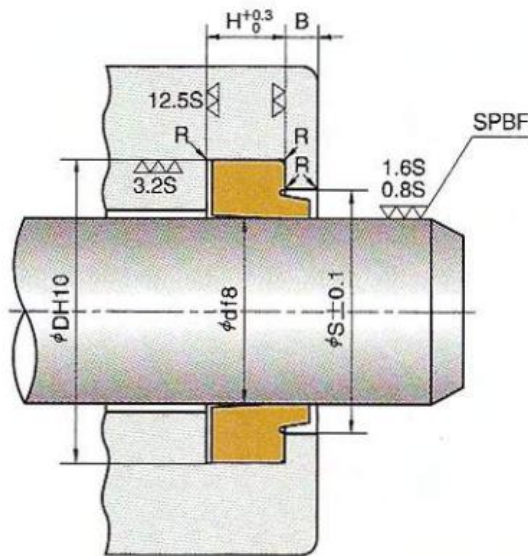
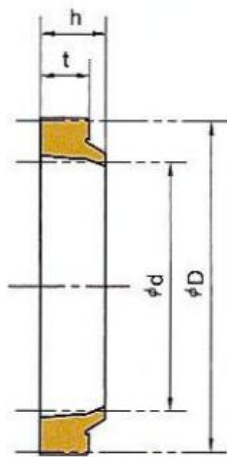
Part No.	SIZE			
	d	D	t	h
LBI	11.2	19.2	4.5	6
LBI	12.5	20.5	4.5	6
LBI	14	22	4.5	6
LBI	16	24	4.5	6
LBI / FQ0013C0	18	26	4.5	6
LBI / FQ0014C0	20	28	4.5	6
LBI / FQ0651C0	22	30	4.5	6
LBI / FQ0016C0	22.4	30.4	4.5	6
LBI	23.5	31.5	4.5	6
LBI / FQ0018C0	25	33	4.5	6
LBI / FQ0841C0	26	34	4.5	6
LBI / FQ0023C0	28	36	4.5	6

Part No.	SIZE			
	d	D	t	h
LBI / FQ0025C1	30	38	5	6.5
LBI / FQ0027C0	31.5	39.5	5	6.5
LBI / FQ0568C1	32	40	5	6.5
LBI / FQ0285C0	34	42	5	6.5
LBI / FQ0031C1	35	43	5	6.5
LBI / FQ0034C0	35.5	43.5	5	6.5
LBI / FQ0281C1	38	46	5	6.5
LBI / FQ0035C1	40	48	5	6.5
LBI / FQ0039C1	45	53	5	6.5
LBI / FQ0272C0	48	56	5	6.5
LBI / FQ0041C0	50	58	5	6.5
LBI	53	61	5	6.5

Part No.	SIZE			
	<i>d</i>	<i>D</i>	<i>t</i>	<i>h</i>
LBI / FQ0045C1	55	63	5	6.5
LBI / FQ0048C1	56	64	5	6.5
LBI / FQ0286C0	58	66	5	6.5
LBI / FQ0049C1	60	68	5	6.5
LBI / FQ0054C0	63	71	5	6.5
LBI / FQ0057C1	65	73	5	6.5
LBI	67	75	5	6.5
LBI / FQ0059C0	70	80	6	8
LBI / FQ0062C0	71	81	6	8
LBI / FQ0063C0	75	85	6	8
LBI / FQ0064C0	80	90	6	8
LBI / FQ0066C0	85	95	6	8
LBI / FQ0070C0	90	100	6	8
LBI / FQ0071C0	95	105	6	8
LBI	98	105	6	8
LBI / FQ0072C0	100	110	6	8
LBI / FQ0075C0	105	115	6	8
LBI	106	116	6	8
LBI / FQ0082C0	112	122	6	8
LBI	120	133	7	9.5
LBI / FQ0091C0	125	138	7	9.5
LBI	136	149	7	9.5
LBI / FQ0097C0	140	153	7	9.5
LBI	145	158	7	9.5
LBI / FQ0101C0	150	163	7	9.5
LBI	160	174	7	9.5
LBI	165	179	7	9.5
LBI	170	185	7	9.5
LBI	170	185	11	14
LBI	175	188	7	9.5
LBI / FQ0111C0	180	193	7	9.5
LBI / FQ0114C0	185	198	7	9.5
LBI	190	203	7	9.5
LBI / FQ0117C0	200	213	7	9.5
LBI	204	218	7	9.5
LBI / FQ0120C0	210	223	7	9.5
LBI	212	228	7	9.5
LBI	212	228	11	14
LBI	230	244	7	9.5
LBI / FQ0131C0	250	265	9	11.5



SEAL INFORMATION	
Material	PU
Temperature range	-20~100°C
Max speed	≤ 1 m/s



R = 0.3 or below

The surface of the rod should be finished by buffing (SPBF) or burnishing (RLB) to 0.8 to 1.6 μmRmax (0.2 to 0.4 μmRa). Specially under severe lubricating condition, burnishing is required.

Part No.	SIZE			
	d	D	t	h
DSI / FQ0000D0	6.3	14.3	4.5	6
DSI / FQ0002D0	8	16	4.5	6
DSI / FQ0003D0	9	17	4.5	6
DSI / FQ0004D0	10	18	4.5	6
DSI / FQ0005D0	11.2	19.2	4.5	6
DSI / FQ0006D0	12.5	20.5	4.5	6
DSI / FQ0007D0	14	22	4.5	6
DSI / FQ0008D0	15	23	4.5	6
DSI / FQ0011D0	16	24	4.5	6
DSI / FQ0013D0	18	26	4.5	6
DSI / FQ0014D0	20	28	4.5	6
DSI / FQ0016D0	22.4	30.4	4.5	6

Part No.	SIZE			
	d	D	t	h
DSI / FQ0017D0	23.5	31.5	4.5	6
DSI / FQ0018D0	25	33	4.5	6
DSI / FQ0023D0	28	36	4.5	6
DSI / FQ0025D0	30	38	5	6.6
DSI / FQ0027D0	31.5	39.5	5	6.5
DSI / FQ0031D0	35	43	5	6.5
DSI / FQ0034D0	35.5	43.5	5	6.5
DSI / FQ0035D0	40	48	5	6.5
DSI / FQ0039D0	45	53	5	6.5
DSI / FQ0864D0	45.5	53.5	5	6.5
DSI / FQ0041D0	50	58	5	6.5
DSI / FQ0044D0	53	61	5	6.5

Part No.	SIZE			
	<i>d</i>	<i>D</i>	<i>t</i>	<i>h</i>
DSI / FQ0857D0	54.5	62.5	5	6.5
DSI / FQ0045D0	55	63	5	6.5
DSI / FQ0048D0	56	64	5	6.5
DSI / FQ0049D0	60	68	5	6.5
DSI / FQ0856D0	62	70	5	6.5
DSI / FQ0054D0	63	71	5	6.5
DSI / FQ0057D0	65	73	5	6.5
DSI / FQ0058D0	67	75	5	6.5
DSI / FQ0059D0	70	80	6	8
DSI / FQ0062D0	71	81	6	8
DSI / FQ0063D0	75	85	6	8
DSI / FQ0250D0	76	86	6	8
DSI / FQ0064D0	80	90	6	8
DSI / FQ0066D0	85	95	6	8
DSI / FQ0070D0	90	100	6	8
DSI / FQ0071D0	95	105	6	8
DSI / FQ0251D0	97	107	6	8
DSI / FQ0072D0	100	110	6	8
DSI / FQ0075D0	105	115	6	8
DSI / FQ0078D0	106	116	6	8
DSI / FQ0079D0	110	120	6	8
DSI / FQ0082D0	122	122	6	8
DSI / FQ0085D0	111	128	6	8
DSI / FQ0087D0	120	130	6	8
DSI / FQ0091 D0	125	138	7	9.5
DSI / FQ0093D0	130	143	7	9.5
DSI / FQ0095D0	132	145	7	9.5
DSI / FQ0097D0	140	153	7	9.5
DSI / FQ0099D0	145	158	7	9.5
DSI / FQ0101D0	150	163	7	9.5
DSI / FQ0103D0	155	168	7	9.5
DSI / FQ0105D0	160	173	7	9.5
DSI / FQ0106D0	170	183	7	9.5
DSI / FQ0108D0	175	188	7	9.5
DSI / FQ0111D0	180	193	7	9.5
DSI / FQ0114D0	185	198	7	9.5
DSI / FQ0115D0	190	203	7	9.5
DSI / FQ0116D0	199	212	7	9.5
DSI / FQ0117D0	200	213	7	9.5
DSI / FQ0119D0	204	217	7	9.5
DSI / FQ0120D0	210	223	7	9.5
DSI / FQ0408D1	215	228	7	9.5
DSI / FQ0123D0	220	233	7	9.5
DSI / FQ0124D0	224	237	7	9.5
DSI / FQ0125D0	225	238	7	9.5
DSI / FQ0127D0	230	243	7	9.5
DSI / FQ0129D0	240	253	7	9.5
DSI / FQ0130D0	250	263	7	9.5
DSI / FQ0134D0	260	275	9	12
DSI / FQ0135D0	270	285	9	12
DSI / FQ0136D0	280	295	9	12
DSI / FQ0138D0	290	305	9	12
DSI / FQ0139D0	300	315	9	12



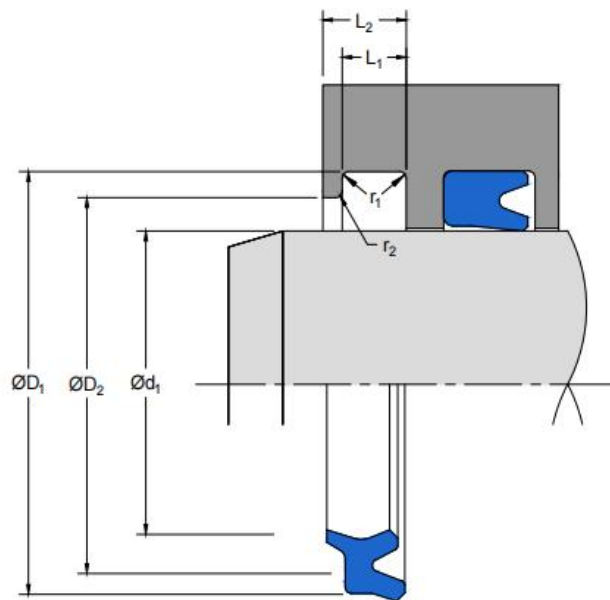
Hallite

839



SEAL INFORMATION

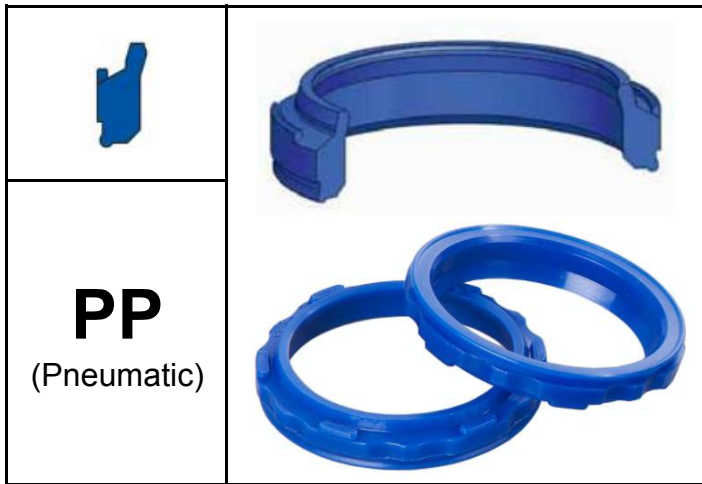
Material	PU
Temperature range	-20~100°C
Max speed	≤ 1 m/s



Part No.	SIZE			
	d1	D1	L1	L2
839	14	22	4.8	7
839	16	24	4.8	7
839	18	26	4.8	7
839	20	28	4.8	7
839	22.4	30.4	4.8	7
839	25	33	4.8	7
839	28	36	4.8	7
839	30	38	5.8	8
839	31.5	39.5	5.8	8
839	32	40	5.8	8
839	35	43	5.8	8
839	35.5	43.5	5.8	8

Part No.	SIZE			
	d1	D1	L1	L2
839	38	46	5.8	8
839	40	48	5.8	8
839	45	53	5.8	8
839	50	58	5.8	8
839	53	61	5.8	8
839	55	63	5.8	8
839	56	64	5.8	8
839	60	68	5.8	8
839	63	71	5.8	8
839	65	73	5.8	8
839	70	80	6.8	10
839	75	85	6.8	10

<i>Part No.</i>	<i>SIZE</i>			
	<i>d1</i>	<i>D1</i>	<i>L1</i>	<i>L2</i>
839	80	90	6.8	10
839	85	95	6.8	10
839	90	100	6.8	10
839	95	105	6.8	10
839	100	110	6.8	10
839	110	120	6.8	10
839	112	122	6.8	10
839	120	130	6.8	10
839	125	138	7.8	11
839	130	143	7.8	11
839	136	149	7.8	11
839	140	153	7.8	11
839	145	158	7.8	11
839	150	163	7.8	11
839	160	174	7.8	11

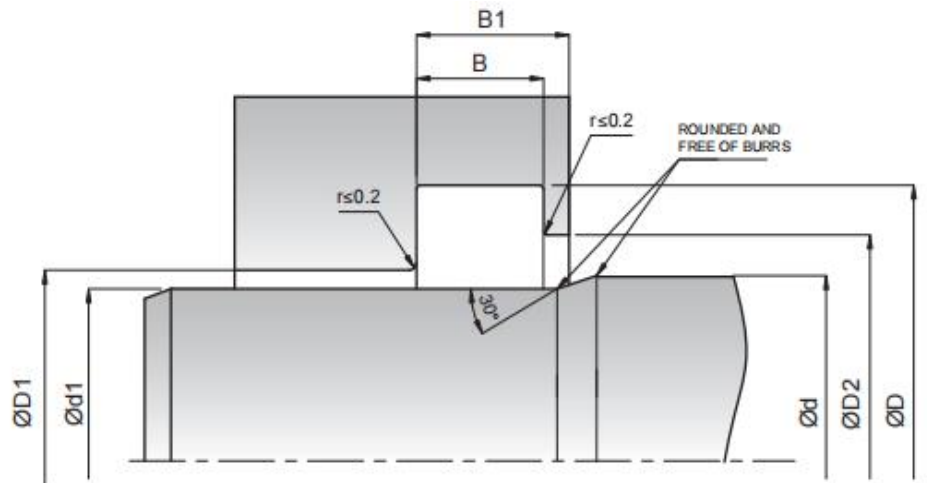
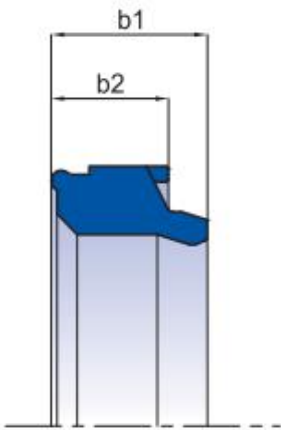


PP
(Pneumatic)



SEAL INFORMATION

Material	PU / NBR
Temperature range	-30~105°C
Max pressure	≤ 12 bar
Speed	≤ 1.0m/s



SIZE			
d	D	b1	b2
PP-4.5	8	2.6	3.5
PP-5	9	3.2	4.1
PP-6	10	3.2	4.1
PP-8	11.6	2.8	3.5
PP-9.5	15	3.7	4.6
PP-10	18	6.3	7.8
PP-12	18	4.1	5
PP-14	22	4.5	5.5
PP-14	22	6.3	7.8
PP-16	22	4.5	5.5
PP-16	24	6.3	7.8
PP-18	26	6.3	7.8

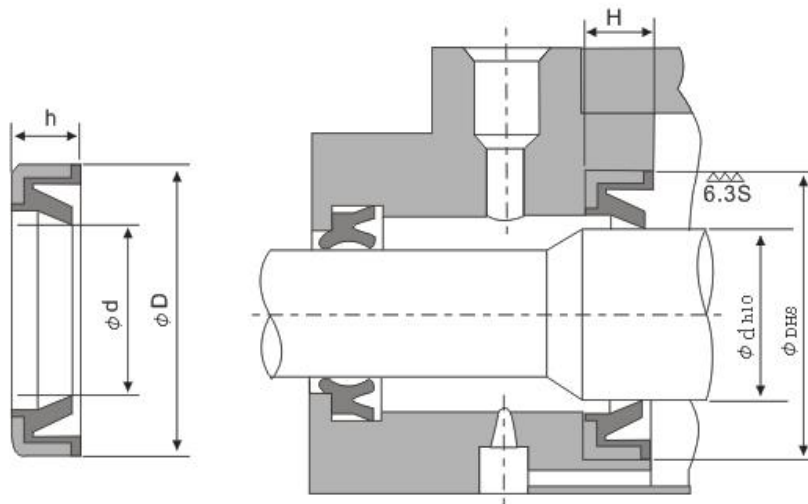
SIZE			
d	D	b1	b2
PP-20	28	6.3	7.8
PP-22	30	6.3	7.8
PP-25	33	6.3	7.8
PP-25	35	6.3	7.8
PP-28	36	6.3	7.8
PP-30	40	6.2	7.8
PP-32	42	6.2	7.8
PP-35	45	6.2	7.8
PP-36	46	6.2	7.8
PP-40	50	6.2	7.8
PP-45	55	6.2	7.8
PP-50	60	6.2	7.8

SIZE			
d	D	b1	b2
PP-50	60	6.6	8.3
PP-50	67	11	14
PP-57	74	11	14
PP-70	87	11	14
PP-78	95	11	14



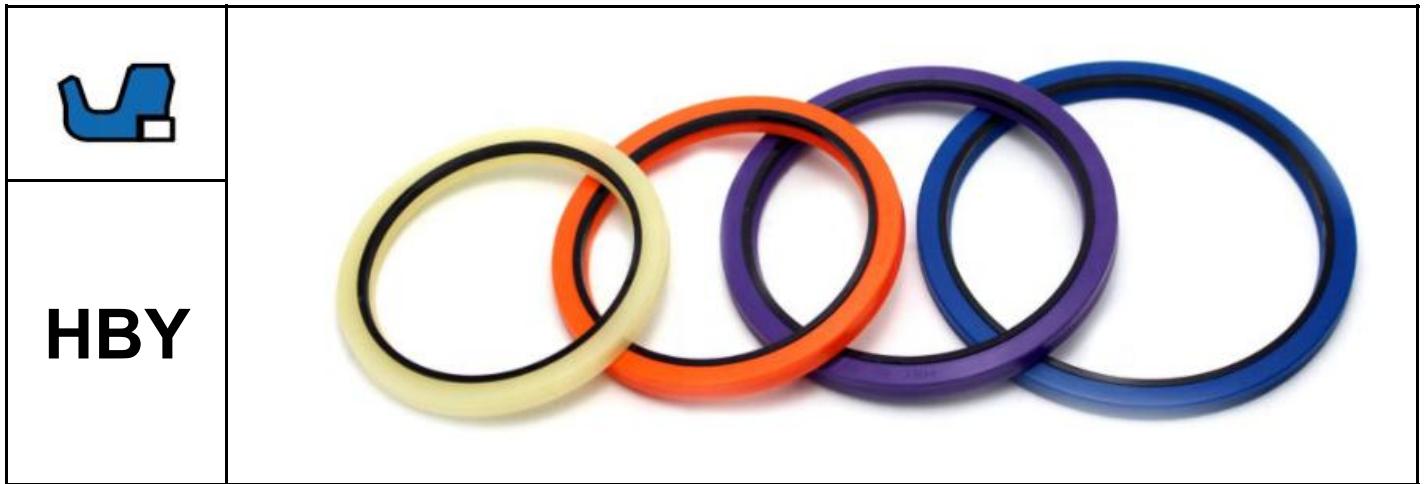
PBR
(Pneumatic)

SEAL INFORMATION	
Material	NBR / Steel
Temperature range	-30~100°C
Max pressure	≤ 1.6 MPa
Max speed	≤ 1 m/s

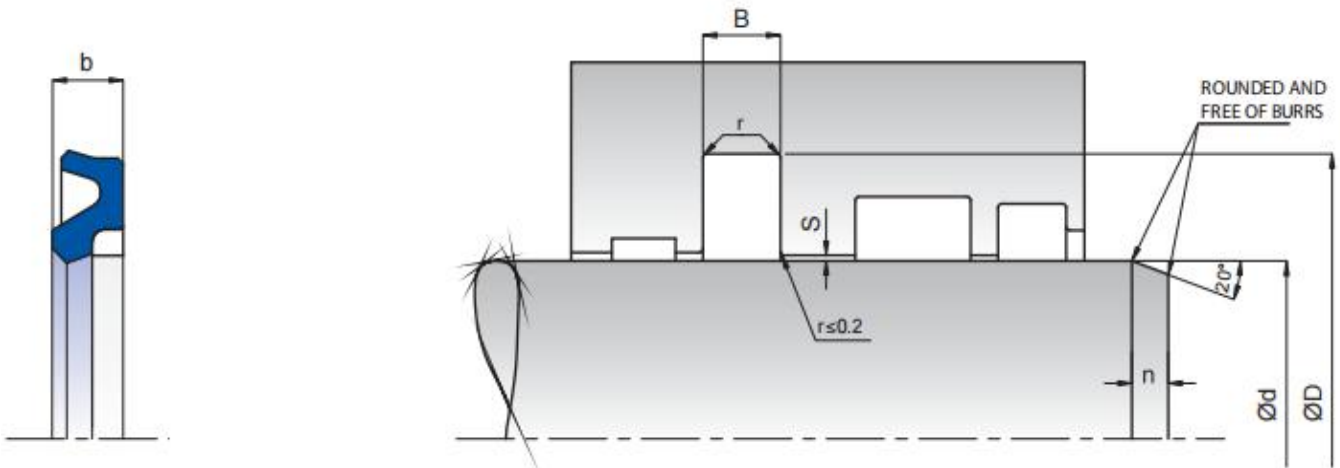


Part No.	SIZE		
	d	D	h
PBR-10	10	18	4.7
PBR-11.2	11.2	19.2	4.7
PBR-14	14	22	4.7
PBR-15	15	23	4.7
PBR-16	16	24	4.7
PBR-18	18	26	4.7
PBR-20	20	28	4.7
PBR-22	22	30	4.7
PBR-22.4	22.4	30.4	4.7
PBR-24	24	32	4.7
PBR-25	25	33	4.7
PBR-28	28	36	4.7
PBR-30	30	40	5.6
PBR-31.5	31.5	41.5	5.6
PBR-35	35	45	5.6
PBR-35.5	35.5	45.5	5.6
PBR-38	38	48	6

Part No.	SIZE		
	d	D	h
PBR-40	40	50	6
PBR-45	45	55	6
PBR-48	48	58	6
PBR-50	50	62	7
PBR-55	55	67	7
PBR-56	56	68	7
PBR-60	60	72	7
PBR-65	65	77	7
PBR-75	75	87	7
PBR-125	125	140	7



SEAL INFORMATION	
Material	PU / POM
Temperature range	-30~100°C
Max pressure	≤ 400 bar
Max speed	≤ 0.5 m/s



Part No.	SIZE			
	d	D	b	B
HBY	35.5	51	6	6.3
HBY	40	55.5	6	6.3
HBY	45	60.5	6	6.3
HBY	50	65.5	6	6.3
HBY	55	70.5	6	6.3
HBY	60	75.5	6	6.3
HBY	65	80.5	6	6.3
HBY	70	85.5	6	6.3
HBY	75	90.5	6	6.3
HBY	80	95.5	6	6.3
HBY	85	100.5	6	6.3
HBY	90	105.5	6	6.3
HBY	95	110.5	6	6.3
HBY	100	115.5	6	6.3
HBY	105	120.5	6	6.3
HBY	110	125.5	6	6.3
HBY	115	130.5	6	6.3

Part No.	SIZE			
	d	D	b	B
HBY	120	135.5	6	6.3
HBY	125	140.5	6	6.3
HBY	130	145.5	6	6.3
HBY	132	147.5	6	6.3
HBY	135	150.5	6	6.3
HBY	140	155.5	6	6.3
HBY	150	165.5	6	6.3
HBY	160	175.5	6	6.3
HBY	170	185.5	6	6.3
HBY	180	195.5	6	6.3
HBY	190	205.5	6	6.3
HBY	200	221.0	7.7	8
HBY	210	231.0	7.7	8



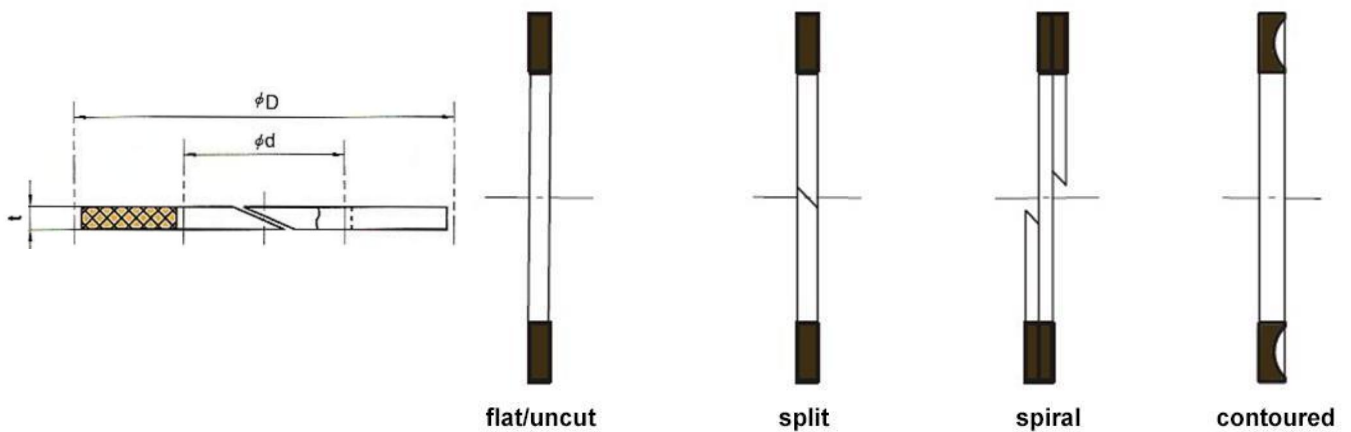




BRT

(Back-up ring)

SEAL INFORMATION	
Material	PTFE / POM / TPE
Temperature range	-40~120°C
Max pressure	≤ 500 bar
Max speed	≤ 1 m/s



Part No.	SIZE
	d xD x t
BRT	3x6x1.25
BRT	4x7x1.25
BRT	5x8x1.25
BRT	6x9x1.25
BRT	7x10x1.25
BRT	8x11 X1.25
BRT	9x12x1.25
BRT	10x13x1.25
BRT	10x14x1.25
BRT	11 X14X1.25
BRT	11 x15x1.25
BRT	11.2x15.2x1.25
BRT	12x16x1.25
BRT	12.5x16.5x1.25
BRT	14x18x1.25
BRT	14x24x1.25
BRT	15x19x1.25

Part No.	SIZE
	d xD x t
BRT	16x20x1.25
BRT	16x30x1.25
BRT	18x22x1.25
BRT	20x24x1.25
BRT	20x26x1.25
BRT	21 x 25x1.25
BRT	21 x 48x1.25
BRT	22x26x1.25
BRT	22x28x1.25
BRT	22.4x28.4x1.25
BRT	24x30x1.25
BRT	25x30x1.25
BRT	25x31 X1.25
BRT	25.5x31.5x1.25
BRT	26x32x1.25
BRT	27x32x1.25
BRT	27.5x33x1.25

Part No.	SIZE
	d xD x t
BRT	28x34x1.25
BRT	28x35x1.25
BRT	29x35x1.25
BRT	29.5x35.5x1.25
BRT	30x35x1.25
BRT	30x36x1.25
BRT	31 x 37x1.25
BRT	31.5x37.5x1.25
BRT	32x38x1.25
BRT	33x38x1.25
BRT	34x40x1.25
BRT	35x40x1.25
BRT	35x41 X1.25
BRT	35x50x1.25
BRT	35.5x41.5x1.25
BRT	36x42x1.25
BRT	36X44X1.25

Part No.	SIZE
	d xD x t
BRT	37X45X1.25
BRT	38X44X1.25
BRT	39X45X1.25
BRT	40X45X1.25
BRT	40X46X1.25
BRT	41 x47x1.25
BRT	42x48x1.25
BRT	44x50x1.25
BRT	45x49x1.25
BRT	45x50x1.25
BRT	45x51 xl.25
BRT	45x55x1.25
BRT	46x52x1.25
BRT	48x54x1.25
BRT	49x55x1.25
BRT	50x55x1.25
BRT	50x56x1.25
BRT	51 x57x1.25
BRT	55x60x 1.25
BRT	58x63x1.25
BRT	60x65x1.25
BRT	65x70x1.25
BRT	66x72x1.25
BRT	67x77x1.25
BRT	68x73x1.25
BRT	70x75x1.25
BRT	70x80x1.25
BRT	75x80x1.25
BRT	75x100x1.25
BRT	80x85x1.25
BRT	85x90x1.25
BRT	90x95x1.25
BRT	95x100x1.25
BRT	97x103x1.25
BRT	100x105x1.25
BRT	105x110x1.25
BRT	110x115x1.25
BRT	115x120x1.25
BRT	120x125x1.25
BRT	125x130x1.25
BRT	130x135x1.25
BRT	135x140x1.25
BRT	140x145x1.25
BRT	145x150x1.25
BRT	145x155x1.25
BRT	150x155x1.25
BRT	150x165x1.25
BRT	155x160x1.25
BRT	160x165x1.25
BRT	10X18X1.5
BRT	10X20X1.5
BRT	12X20X1.5
BRT	12X22X1.5
BRT	14X22X1.5
BRT	14X24X1.5
BRT	15X23X1.5
BRT	15X25X1.5
BRT	16X24X1.5

Part No.	SIZE
	d xD x t
BRT	16X26X1.5
BRT	16X28X1.5
BRT	18X26X1.5
BRT	18X28X1.5
BRT	20X28X1.5
BRT	20X30X1.5
BRT	22X30X1.5
BRT	22X32X1.5
BRT	22.4X30X1.5
BRT	22.4x32.4x1.5
BRT	25 x 33 x 1.5
BRT	25 x 35 x 1.5
BRT	27x35x1.5
BRT	28x35.5x1.5
BRT	28 x 36 x 1.5
BRT	28 x 38 x 1.5
BRT	30 x 38 x 1.5
BRT	30 x 40 x 1.5
BRT	31.5x41.5x1.5
BRT	32x40x1.5
BRT	32x42x1.5
BRT	35 x 43 x 1.5
BRT	35x45x1.5
BRT	35.5 x 45 x 1.5
BRT	36x44x1.5
BRT	36 x 46 x 1.5
BRT	38x48x1.5
BRT	40x48x1.5
BRT	40 x 50 x 1.5
BRT	45 x 53 x 1.5
BRT	45 x 55 x 1.5
BRT	45 x 56 x 1.5
BRT	48 x 58 x 1.5
BRT	50 x 58 x 1.5
BRT	50 x 60 x 1.5
BRT	53 x 63 x 1.5
BRT	55 x 63 x 1.5
BRT	55 x 65 x 1.5
BRT	56 x 64 x 1.5
BRT	56 x 66 x 1.5
BRT	58 x 68 x 1.5
BRT	60X68X1.5
BRT	60X70X1.5
BRT	61X71X1.5
BRT	63X71X1.5
BRT	63X73X1.5
BRT	65X73X1.5
BRT	65X75X1.5
BRT	67X77X1.5
BRT	70x78x1.5
BRT	70x80x1.5
BRT	71x80x1.5
BRT	75x83x1.5
BRT	75x85x1.5
BRT	80x88x1.5
BRT	80x90x1.5
BRT	85x93x1.5
BRT	85x95x1.5

Part No.	SIZE
	d xD x t
BRT	90x98x1.5
BRT	90x100x1.5
BRT	100x110x1.5
BRT	6x18x2
BRT	8x12x2
BRT	8x16x2
BRT	8x18x2
BRT	8x22x2
BRT	9x17x2
BRT	9x18x2
BRT	9x19x2
BRT	9x20x2
BRT	10x18x2
BRT	10x20x2
BRT	12x16x2
BRT	12x19x2
BRT	12x20x2
BRT	12x22x2
BRT	12x25x2
BRT	13x26x2
BRT	14x17x2
BRT	14x20x2
BRT	14x22x2
BRT	14x24x2
BRT	15x22x2
BRT	15x23x2
BRT	15x24x2
BRT	15x25x2
BRT	15x28x2
BRT	16x22x2
BRT	16x24x2
BRT	16X25X2
BRT	16X26X2
BRT	16X28X2
BRT	17X24X2
BRT	17X25X2
BRT	16X32x2
BRT	18X26X2
BRT	18X28X2
BRT	18X31X2
BRT	18X32X2
BRT	18X33X2
BRT	19X28x2
BRT	20x26x2
BRT	20x27x2
BRT	20x28x2
BRT	20x30x2
BRT	20x33x2
BRT	20x35x2
BRT	21x26x2
BRT	21 x29x2
BRT	22x29x2
BRT	22x30x2
BRT	22x32x2
BRT	22x33x2
BRT	22x35x2
BRT	22.4x30x2
BRT	22.4x30.4x2

Part No.	SIZE
	d x D x t
BRT	24x30x2
BRT	24x32x2
BRT	25x30x2
BRT	25x33x2
BRT	25x35x2
BRT	25x38x2
BRT	25x40x2
BRT	25x45x2
BRT	27x35x2
BRT	27x40x2
BRT	27x47x2
BRT	28x32x2
BRT	28x35x2
BRT	28x35.5x2
BRT	28x36x2
BRT	28x38x2
BRT	28x40x2
BRT	28x41 X2
BRT	28x43x2
BRT	29x39x2
BRT	30x38x2
BRT	30X39X2
BRT	30X40X2
BRT	30X43X2
BRT	30X45X2
BRT	30X46X2
BRT	31.5X41.5X2
BRT	31.5X44.5X2
BRT	32X40X2
BRT	32X42X2
BRT	32X46X2
BRT	32X48X2
BRT	33X41X2
BRT	34X50X2
BRT	35X43x2
BRT	35x45x2
BRT	35x50x2
BRT	35x51x2
BRT	35.5x45x2
BRT	35.5x50.5x2
BRT	36x44x2
BRT	36x46x2
BRT	38x44x2
BRT	38x48x2
BRT	38x52x2
BRT	39x47x2
BRT	40x44x2
BRT	40x48x2
BRT	40x50x2
BRT	40x55x2
BRT	40x56x2
BRT	40x60x2
BRT	42x50x2
BRT	45x53x2
BRT	45x55x2
BRT	45x56x2
BRT	45x60x2
BRT	45x61x2

Part No.	SIZE
	d x D x t
BRT	46x64x2
BRT	48x58x2
BRT	48x63x2
BRT	48x65x2
BRT	50x56x2
BRT	50x58x2
BRT	50x60x2
BRT	50x62x2
BRT	50x63x2
BRT	50x65x2
BRT	50x66x2
BRT	50x70x2
BRT	50x73x2
BRT	52X62X2
BRT	53X63X2
BRT	53X73X2
BRT	55X62X2
BRT	55X63X2
BRT	55X65x2
BRT	55x66x2
BRT	55x68x2
BRT	55x70x2
BRT	55x71x2
BRT	55x75x2
BRT	55x80x2
BRT	56x60x2
BRT	56x64x2
BRT	56x66x2
BRT	56x69x2
BRT	56x71x2
BRT	56x72x2
BRT	56x76x2
BRT	58x68x2
BRT	58x78x2
BRT	60x65x2
BRT	60x68x2
BRT	60x70x2
BRT	60x71x2
BRT	60x73x2
BRT	60x75x2
BRT	60x76x2
BRT	60x80x2
BRT	61 x71 x2
BRT	62x72x2
BRT	63x71 x2
BRT	63x73x2
BRT	63x75x2
BRT	63x76x2
BRT	63x78x2
BRT	63x79x2
BRT	63x83x2
BRT	64x80x2
BRT	65x73x2
BRT	65x75x2
BRT	65x78x2
BRT	65x80x2
BRT	65x85x2
BRT	67x72x2

Part No.	SIZE
	d x D x t
BRT	67x77x2
BRT	67x87x2
BRT	68x80x2
BRT	70x78x2
BRT	70x80x2
BRT	70X83X2
BRT	70X85X2
BRT	70X90X2
BRT	71X80X2
BRT	71X81X2
BRT	71X86x2
BRT	71x91 x2
BRT	75x83x2
BRT	75x85x2
BRT	75x88x2
BRT	75x90x2
BRT	75x95x2
BRT	76X85X2
BRT	78X90X2
BRT	80X88X2
BRT	80X90X2
BRT	80X93X2
BRT	80X95x2
BRT	80x100x2
BRT	85x93x2
BRT	85x95x2
BRT	85x100x2
BRT	85x105x2
BRT	90x98x2
BRT	90x100x2
BRT	90x102x2
BRT	90x105x2
BRT	90x110x2
BRT	90x115x2
BRT	93x113x2
BRT	95x105x2
BRT	95x110x2
BRT	95x115x2
BRT	95x120x2
BRT	100x110x2
BRT	100x115x2
BRT	100x120x2
BRT	100x125x2
BRT	102x112x2
BRT	105x110x2
BRT	105x115x2
BRT	105x120x2
BRT	105x125x2
BRT	106x116x2
BRT	106x120x2
BRT	106x125x2
BRT	106x126x2
BRT	108x114x2
BRT	109x125x2
BRT	110x120x2
BRT	110X125X2
BRT	110X130X2
BRT	112X122X2

Part No.	SIZE
	d xD x t
BRT	112X125X2
BRT	112X132X2
BRT	115X125X2
BRT	115X130X2
BRT	115X135X2
BRT	115X140X2
BRT	118X132X2
BRT	118X133X2
BRT	118X138X2
BRT	120X130X2
BRT	120X135x2
BRT	120X140X2
BRT	125X140X2
BRT	125X135X2
BRT	125X145X2
BRT	125X150X2
BRT	125X155X2
BRT	130X140X2
BRT	130X142X2
BRT	130X145X2
BRT	130X150X2
BRT	131X142X2
BRT	132X142X2
BRT	132X145X2
BRT	135X145x2
BRT	135x150x2
BRT	135x155x2
BRT	135x160x2
BRT	136x150x2
BRT	140x150x2
BRT	140x155x2
BRT	140x160x2
BRT	140x165x2
BRT	145x155x2
BRT	145x160x2
BRT	145x165x2
BRT	145x170x2
BRT	149x164x2
BRT	150x160x2
BRT	150x165x2
BRT	150x170x2
BRT	150x175x2
BRT	155x165x2
BRT	155x170x2
BRT	155x180x2
BRT	160x170x2
BRT	160x175x2
BRT	160X180X2
BRT	160X185X2
BRT	165X175X2
BRT	165X180X2
BRT	165X190X2
BRT	170X180X2
BRT	170X185X2
BRT	170X190X2
BRT	170X195X2
BRT	170X200X2

Part No.	SIZE
	d xD x t
BRT	175X185X2
BRT	175X190X2
BRT	175X200X2
BRT	180X190x2
BRT	180x200x2
BRT	180x205x2
BRT	185X195X2
BRT	185X205X2
BRT	185X210X2
BRT	190X200X2
BRT	190X210X2
BRT	190X215X2
BRT	195X205X2
BRT	195X215X2
BRT	195X220X2
BRT	200X210X2
BRT	200X220X2
BRT	200X225X2
BRT	210x220x2
BRT	210x230x2
BRT	210x235x2
BRT	215x225x2
BRT	215x240x2
BRT	220x230x2
BRT	220x240x2
BRT	220x245x2
BRT	225x235x2
BRT	225x245x2
BRT	225x250x2
BRT	230x240x2
BRT	230x250x2
BRT	230x255x2
BRT	235x260x2
BRT	240x250x2
BRT	240x260x2
BRT	240x265x2
BRT	245x270x2
BRT	250x260x2
BRT	250X270X2
BRT	250X275X2
BRT	250X280X2
BRT	255X280X2
BRT	260X270X2
BRT	260X285X2
BRT	260X290X2
BRT	265X290X2
BRT	265X295X2
BRT	270X280X2
BRT	270X295X2
BRT	270X300X2
BRT	275X300X2
BRT	280X290x2
BRT	280x305x2
BRT	280x310x2
BRT	290x300x2
BRT	290x315x2
BRT	290x320x2

Part No.	SIZE
	d xD x t
BRT	300x310x2
BRT	8x15x3
BRT	8x18x3
BRT	8x22x3
BRT	10x26x3
BRT	12x18x3
BRT	16x24x3
BRT	20x35x3
BRT	22x32x3
BRT	22.4x32.4x3
BRT	23x28x3
BRT	25x33x3
BRT	25x35x3
BRT	25x38x3
BRT	25x40x3
BRT	25x45x3
BRT	27x40x3
BRT	28x35.5x3
BRT	28x36x3
BRT	28x38x3
BRT	28x40x3
BRT	28x41x3
BRT	28x43x3
BRT	30x38x3
BRT	30x40x3
BRT	30x43x3
BRT	30x45x3
BRT	31.5X41.5X3
BRT	32X40X3
BRT	32X42X3
BRT	32X46X3
BRT	32X48X3
BRT	34X50X3
BRT	35X38X3
BRT	35X43X3
BRT	35X45X3
BRT	35X50X3
BRT	35X51X3
BRT	35.5X45X3
BRT	35.5X50.5X3
BRT	36X44X3
BRT	36X44.5X3
BRT	36X46X3
BRT	38X48X3
BRT	38X52X3
BRT	40X48X3
BRT	40X50X3
BRT	40X54X3
BRT	40X55X3
BRT	40X56X3
BRT	40X60X3
BRT	40X70X3
BRT	44X54x3
BRT	45x53x3
BRT	45x55x3
BRT	48x58x3
BRT	48x63x3

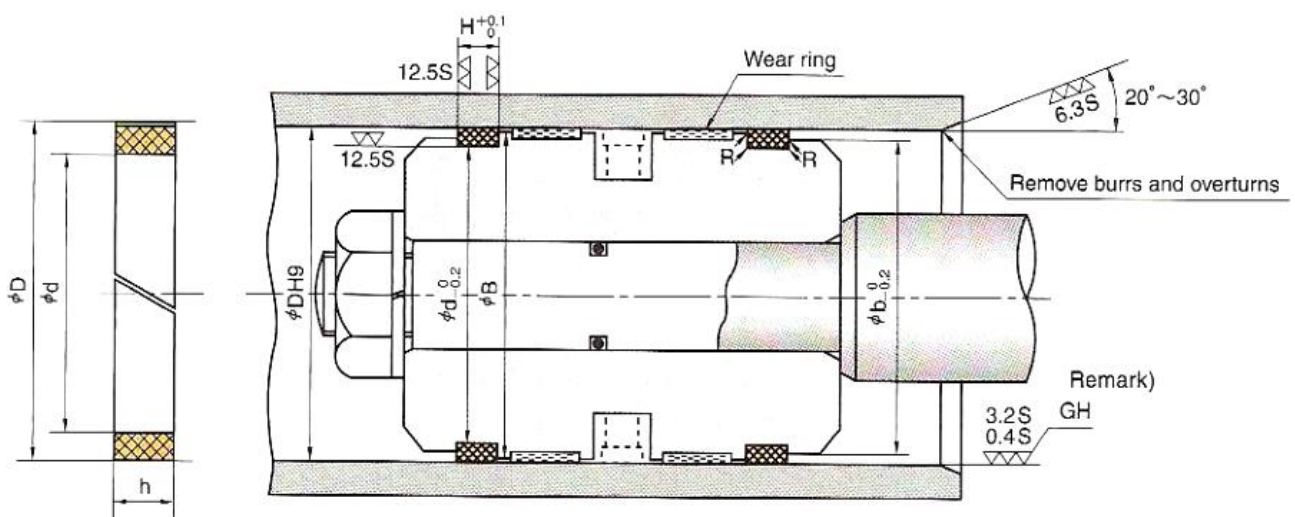
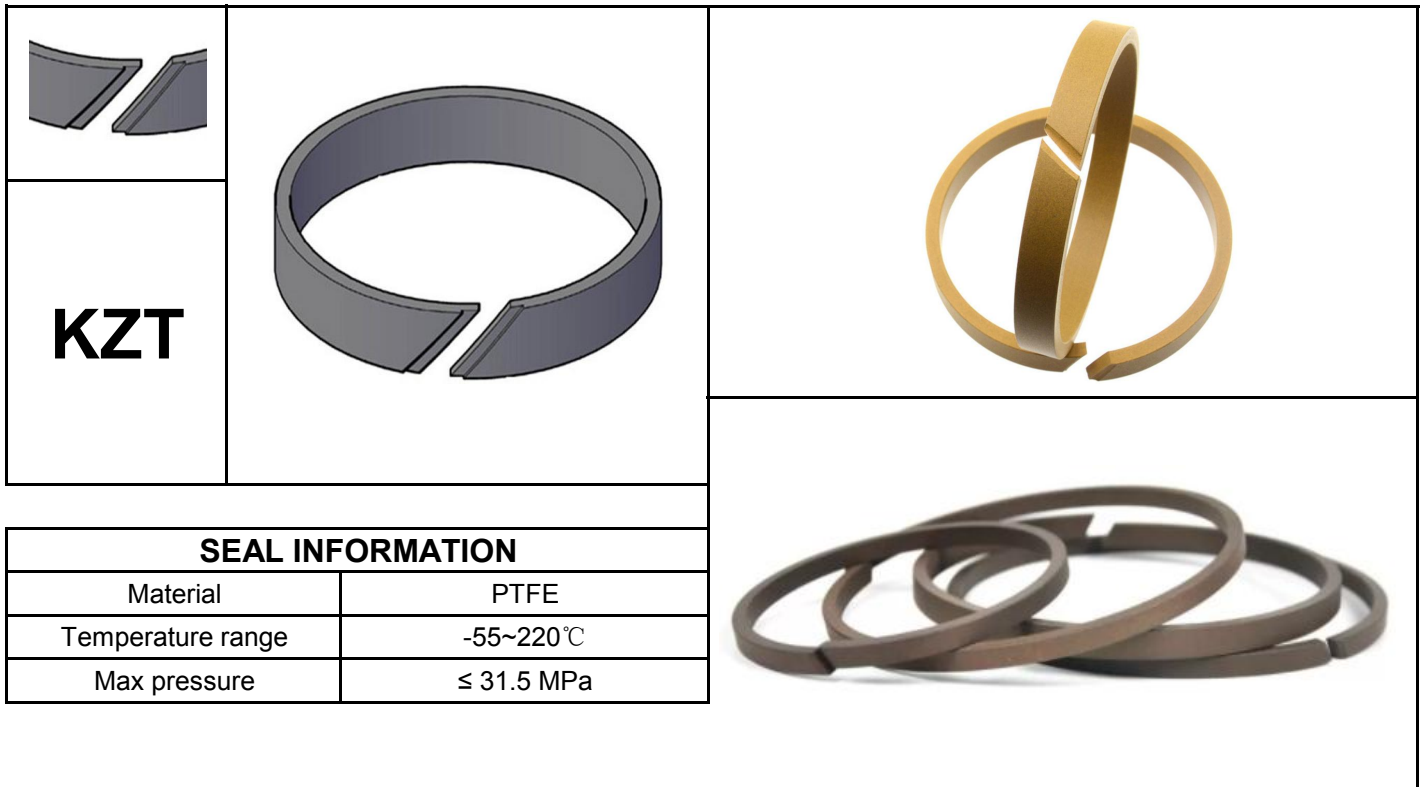
Part No.	SIZE
	d xD x t
BRT	50x58x3
BRT	50x60x3
BRT	50x62x3
BRT	50x65x3
BRT	50x66x3
BRT	50x70x3
BRT	51 x67x3
BRT	53x63x3
BRT	53x73x3
BRT	55x63x3
BRT	55x65x3
BRT	55x68x3
BRT	55x70x3
BRT	55x71 x3
BRT	55x75x3
BRT	55x80x3
BRT	56x64x3
BRT	56X65X3
BRT	56X66X3
BRT	56X69X3
BRT	56X71X3
BRT	56X72X3
BRT	56X76x3
BRT	58x68x3
BRT	59x83x3
BRT	60x68x3
BRT	60x70x3
BRT	60x71x3
BRT	60x73x3
BRT	60x75x3
BRT	60x76x3
BRT	60x78x3
BRT	60x80x3
BRT	60x105x3
BRT	61 x71 x3
BRT	63x71x3
BRT	63x73x3
BRT	63x75x3
BRT	63x78x3
BRT	63X79X3
BRT	63X83X3
BRT	64X80X3
BRT	65X73X3
BRT	65X75X3
BRT	65X78x3
BRT	67x87x3
BRT	70x78x3
BRT	70x80x3
BRT	70x83x3
BRT	70x85x3
BRT	70x90x3
BRT	70x95x3
BRT	71 x60x3
BRT	71 x91 x3
BRT	75x83x3
BRT	75x85x3
BRT	75x88x3
BRT	75x90x3

Part No.	SIZE
	d xD x t
BRT	75x95x3
BRT	80x86x3
BRT	80x90x3
BRT	80x93x3
BRT	80x95x3
BRT	80x100x3
BRT	85X90X3
BRT	85X93X3
BRT	85X95X3
BRT	85X100X3
BRT	85X105X3
BRT	85X115X3
BRT	90X98X3
BRT	90X100X3
BRT	90X102X3
BRT	90X105X3
BRT	90X110X3
BRT	94X110X3
BRT	95X100X3
BRT	95X110X3
BRT	95X115X3
BRT	95X120X3
BRT	100X110X3
BRT	100X115X3
BRT	100X120X3
BRT	100X125X3
BRT	105X120X3
BRT	105X125X3
BRT	106X120X3
BRT	106X125X3
BRT	110X125X3
BRT	110X130X3
BRT	112X125X3
BRT	112X132X3
BRT	118x133x3
BRT	118x138x3
BRT	120x130x3
BRT	120x135x3
BRT	120x140x3
BRT	125x140x3
BRT	125x145x3
BRT	125x150x3
BRT	130x145x3
BRT	130x150x3
BRT	132x145x3
BRT	135x150x3
BRT	135x155x3
BRT	135x160x3
BRT	136x150x3
BRT	140x155x3
BRT	140x160x3
BRT	140x165x3
BRT	145x160x3
BRT	145X165X3
BRT	145X170X3
BRT	150X165X3
BRT	150X170X3
BRT	150X175X3

Part No.	SIZE
	d xD x t
BRT	155X170X3
BRT	155X180X3
BRT	160X175X3
BRT	160X180X3
BRT	160X185X3
BRT	165X180X3
BRT	165X190X3
BRT	170X185X3
BRT	170X190x3
BRT	170x195x3
BRT	170x200x3
BRT	175x190x3
BRT	175x200x3
BRT	180x200x3
BRT	180x205x3
BRT	185x205x3
BRT	185x215x3
BRT	190x210x3
BRT	190x215x3
BRT	195x215x3
BRT	195x220x3
BRT	200X220X3
BRT	200X225X3
BRT	210X235X3
BRT	215X240X3
BRT	220X240X3
BRT	220X245X3
BRT	220X250X3
BRT	225X245X3
BRT	230X250X3
BRT	230X255X3
BRT	235X260x3
BRT	240x260x3
BRT	240x265x3
BRT	245x270x3
BRT	250x270x3
BRT	250x275x3
BRT	250x280x3
BRT	255x280x3
BRT	260x285x3
BRT	260x290x3
BRT	265x290x3
BRT	265X295X3
BRT	270X295X3
BRT	270X300X3
BRT	275X300X3
BRT	280X305X3
BRT	280X310X3
BRT	290X315X3
BRT	290X320X3
BRT	300X320X3
BRT	300X325X3
BRT	300X340X3
BRT	150X170X4
BRT	155X170X4
BRT	155X180X4
BRT	160X175X4
BRT	160X180X4

Part No.	SIZE
	d xD x t
BRT	160X185X4
BRT	165X180X4
BRT	165X190X4
BRT	170X185X4
BRT	170X190X4
BRT	170x195x4
BRT	170x200x4
BRT	175x190x4
BRT	175x200x4
BRT	180X200X4
BRT	180X205X4
BRT	185X205X4
BRT	185X210X4
BRT	190X210X4
BRT	190X215X4
BRT	195X215X4
BRT	195X220X4
BRT	200X220X4
BRT	200X225X4
BRT	205X225X4
BRT	205X230X4
BRT	210X230X4
BRT	210X235x4
BRT	215x240x4
BRT	220x240x4
BRT	220x245x4
BRT	220x250x4
BRT	225x245x4
BRT	225x250x4
BRT	230X250X4
BRT	230X255X4
BRT	235X260X4
BRT	240X260X4
BRT	240X265X4
BRT	245X270X4
BRT	250X270X4
BRT	250X275X4
BRT	250X280X4
BRT	255X280X4
BRT	260X285X4
BRT	260X290X4
BRT	265X290X4
BRT	265X295x4
BRT	270x295x4
BRT	270x300x4
BRT	275x300x4
BRT	280x305x4
BRT	280x310x4
BRT	290x315x4
BRT	290x320x4
BRT	300x325x4
BRT	300x330x4
BRT	270x295x5
BRT	270x300x5
BRT	275x300x5
BRT	280x305x5
BRT	280x310x5
BRT	290x315x5

Part No.	SIZE
	d xD x t
BRT	290x320x5
BRT	300X325X5
BRT	300X330X5



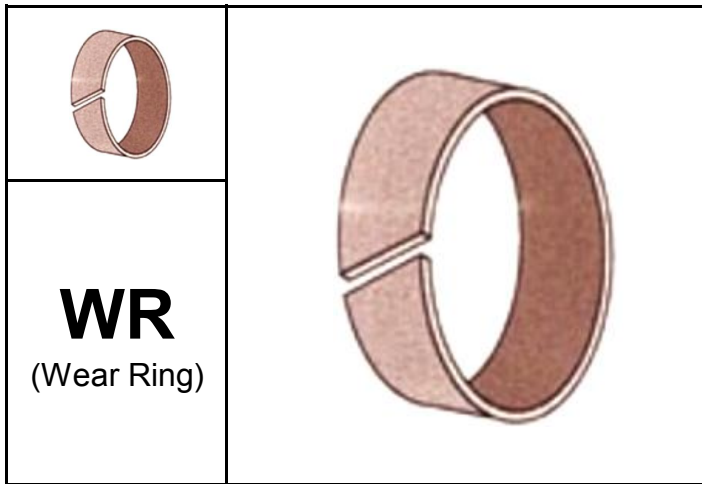
Part No.	SIZE		
	d	D	h
KZT	70	3	4
KZT	80	3	4
KZT	85	3	4
KZT	90	3	4
KZT	95	3	4
KZT	100	3	4
KZT	105	3	4
KZT	110	3	4
KZT	115	3	4
KZT	120	3	4
KZT	70	62	4
KZT	80	72	4

Part No.	SIZE		
	d	D	h
KZT	85	77	4
KZT	90	82	4
KZT	95	87	4
KZT	100	92	4
KZT	105	97	4
KZT	110	102	4
KZT	115	107	4
KZT	120	112	4
KZT	65	57	6.1
KZT	70	62	6.1
KZT	75	67	6.1
KZT	80	72	6.1

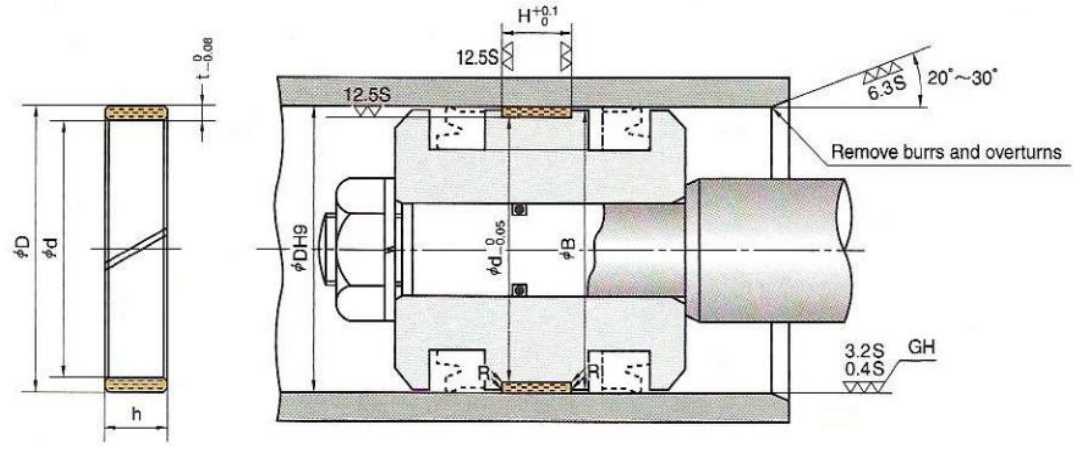
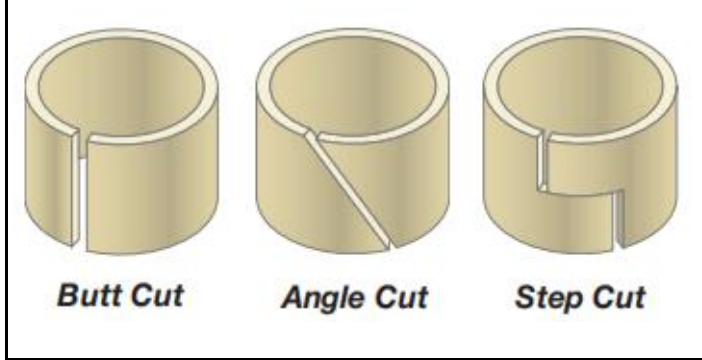
Part No.	SIZE		
	d	D	h
KZT	85	77	6.1
KZT	90	82	6.1
KZT	95	87	6.1
KZT	100	92	6.1
KZT	105	97	6.1
KZT	110	102	6.1
KZT	115	107	6.1
KZT	120	112	6.1
KZT	125	117	6.1
KZT	130	122	6.1
KZT	135	127	6.1
KZT	140	132	6.1

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>h</i>
KZT	145	137	6.1
KZT	150	140	6.1
KZT	160	152	6.1
KZT	165	167	6.1
KZT	170	162	6.1
KZT	175	167	6.1
KZT	180	172	6.1
KZT	185	177	6.1
KZT	190	182	6.1
KZT	195	187	6.1
KZT	200	192	6.1
KZT	80	72	8.1
KZT	85	77	8.1
KZT	90	82	8.1
KZT	95	87	8.1
KZT	100	92	8.1
KZT	105	97	8.1
KZT	110	102	8.1
KZT	115	107	8.1
KZT	120	112	8.1
KZT	125	117	8.1
KZT	130	122	8.1
KZT	135	127	8.1
KZT	140	132	8.1
KZT	145	137	8.1
KZT	150	142	8.1
KZT	155	147	8.1
KZT	160	152	8.1
KZT	165	167	8.1
KZT	170	162	8.1
KZT	175	167	8.1
KZT	180	172	8.1
KZT	185	177	8.1
KZT	190	182	8.1
KZT	195	187	8.1
KZT	200	192	8.1
KZT	80	72	9.7
KZT	85	77	9.7
KZT	90	82	9.7
KZT	95	87	9.7
KZT	100	92	9.7
KZT	105	97	9.7
KZT	110	102	9.7
KZT	115	107	9.7
KZT	120	112	9.7
KZT	125	117	9.7
KZT	130	122	9.7
KZT	135	127	9.7
KZT	140	132	9.7
KZT	145	137	9.7
KZT	150	142	9.7
KZT	155	147	9.7
KZT	160	152	9.7
KZT	165	157	9.7
KZT	170	162	9.7
KZT	175	167	9.7
KZT	180	172	9.7
KZT	185	177	9.7

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>h</i>
KZT	190	182	9.7
KZT	195	187	9.7
KZT	200	192	9.7
KZT	205	197	9.7
KZT	210	202	9.7
KZT	215	207	9.7
KZT	220	192	9.7
KZT	225	217	9.7



SEAL INFORMATION	
Material	POM
	PA
	Fabric Reinforced Polyester
	PTFE
Temperature range	-40~120°C
Max pressure	≤ 31.5 MPa
Max speed	≤ 1 m/s
Application	Piston



Part No.	SIZE		
	d	D	h
WR	25	20	6
WR	33	28	6.7

Part No.	SIZE		
	d	D	h
WR	35	30	10
WR	35	30	20

Part No.	SIZE		
	d	D	h
WR	35	30	25
WR	35	30	30

Part No.	SIZE		
	d	D	h
WR	36	31	6
WR	38	33	9
WR	40	35	8
WR	40	35	9.5
WR	40	35	10
WR	40	35	15
WR	40	35	20
WR	41	36	9.5
WR	45	39	15
WR	45	39	20
WR	45	40	5.6
WR	45	40	8
WR	45	40	9.5
WR	45	40	10
WR	45	40	12
WR	45	40	15
WR	45	40	20
WR	45	40	25
WR	45	40	30
WR	50	44	8
WR	50	44	20
WR	50	45	6.1
WR	50	45	8
WR	50	45	9.5
WR	50	45	10
WR	50	45	12
WR	50	45	15
WR	50	45	20
WR	50	45	25
WR	50	45	30
WR	50	45	35
WR	55	50	8
WR	55	50	9.5
WR	55	50	10
WR	55	50	15
WR	55	50	20
WR	55	50	25
WR	55	50	30
WR	56	51	10
WR	56	51	15
WR	58	53	9.5
WR	60	54	8
WR	60	54	12
WR	60	54	15
WR	60	54	20
WR	60	55	8
WR	60	55	9.5
WR	60	55	10
WR	60	55	12
WR	60	55	15
WR	60	55	20
WR	60	55	30
WR	61	56	9.7
WR	61	56	20
WR	63	58	6
WR	63	58	8
WR	63	58	9.5
WR	63	58	10

Part No.	SIZE		
	d	D	h
WR	63	58	12
WR	63	58	15
WR	63	58	20
WR	63	58	25
WR	65	55	10
WR	65	59	20
WR	65	59	15
WR	65	60	20
WR	65	60	6
WR	65	60	9.5
WR	65	60	10
WR	65	60	15
WR	65	60	20
WR	65	60	25
WR	65	60	30
WR	70	64	12.5
WR	70	64	15
WR	70	64	20
WR	70	65	6
WR	70	65	8
WR	70	65	9.5
WR	70	65	10
WR	70	65	12
WR	70	65	12.5
WR	70	65	15
WR	70	65	20
WR	70	65	25
WR	73.03	66.88	22
WR	75	69	9.5
WR	75	69	9.7
WR	75	69	12
WR	75	69	12.5
WR	75	69	15
WR	75	69	20
WR	75	69	25
WR	75	70	6
WR	75	70	8
WR	75	70	9.5
WR	75	70	10
WR	75	70	12
WR	75	70	15
WR	75	70	20
WR	75	70	25
WR	75	70	30
WR	75	70	40
WR	75	70	50
WR	80	74	6
WR	80	74	8
WR	80	74	10
WR	80	74	12
WR	80	74	15
WR	80	74	20
WR	80	74	25
WR	80	74	30
WR	80	75	6
WR	80	75	7.9
WR	80	75	9.5
WR	80	75	9.8

Part No.	SIZE		
	d	D	h
WR	80	75	10
WR	80	75	12
WR	80	75	15
WR	80	75	20
WR	80	75	25
WR	80	75	30
WR	85	75	10
WR	85	77	15
WR	85	79	30
WR	85	79	12.5
WR	85	79	15
WR	85	79	20
WR	85	79	25
WR	85	79	30
WR	85	80	6
WR	85	80	9.5
WR	85	80	10
WR	85	80	12
WR	85	80	15
WR	85	80	20
WR	85	80	25
WR	85	80	35
WR	90	81	9.5
WR	90	81	12.5
WR	90	82	15
WR	90	84	9.5
WR	90	84	10
WR	90	84	12.5
WR	90	84	15
WR	90	84	20
WR	90	84	25
WR	90	84	30
WR	90	84	35
WR	90	85	6
WR	90	85	9.5
WR	90	85	12.5
WR	90	85	15
WR	90	85	20
WR	90	85	25
WR	90	85	30
WR	90	85	35
WR	90	85	40
WR	95	85	6
WR	95	86	9.5
WR	95	87	12
WR	95	87	6
WR	95	87	15
WR	95	89	10
WR	95	89	12.5
WR	95	89	15
WR	95	89	20
WR	95	89	25
WR	95	89	30
WR	95	90	6
WR	95	90	9.5
WR	95	90	10
WR	95	90	12.5
WR	95	90	15

Part No.	SIZE		
	d	D	h
WR	95	90	20
WR	95	90	25
WR	95	90	50
WR	100	91	10
WR	100	91	12.5
WR	100	92	9.5
WR	100	92	10
WR	100	92	15
WR	100	92	30
WR	100	94	6
WR	100	94	9.5
WR	100	94	10
WR	100	94	11
WR	100	94	12.5
WR	100	94	15
WR	100	94	20
WR	100	94	22
WR	100	94	25
WR	100	94	30
WR	100	95	6
WR	100	95	8
WR	100	95	9.5
WR	100	95	10
WR	100	95	15
WR	100	95	20
WR	100	95	25
WR	100	95	30
WR	100	104	12.5
WR	105	96	9.7
WR	105	96	12.5
WR	105	96	25
WR	105	97	15
WR	105	99	10
WR	105	99	12.5
WR	105	99	15
WR	105	99	20
WR	105	99	25
WR	105	99	30
WR	105	100	6
WR	105	100	8
WR	105	100	9.5
WR	105	100	9.7
WR	105	100	12.5
WR	105	100	15
WR	105	100	20
WR	105	100	25
WR	110	101	9.5
WR	110	101	10
WR	110	101	12.5
WR	110	101	15
WR	110	102	8
WR	110	102	12.5
WR	110	102	15
WR	110	102	25
WR	110	103	35
WR	110	104	6
WR	110	104	11
WR	110	104	12

Part No.	SIZE		
	d	D	h
WR	110	104	15
WR	110	104	20
WR	110	104	22.5
WR	110	104	25
WR	110	104	27.5
WR	110	104	30
WR	110	104	35
WR	110	104	40
WR	110	105	6
WR	110	105	8
WR	110	105	9.5
WR	110	105	10
WR	110	105	12.5
WR	110	105	15
WR	110	105	20
WR	110	105	25
WR	110	105	30
WR	115	105	15
WR	115	105	20
WR	115	106	9.5
WR	115	106	15
WR	115	107	8
WR	115	107	15
WR	115	109	10
WR	115	109	15
WR	115	109	30
WR	115	110	6
WR	115	110	8
WR	115	110	9.5
WR	115	110	10
WR	115	110	12.5
WR	115	110	15
WR	115	110	20
WR	115	110	25
WR	115	110	30
WR	115	110	35
WR	116	110	30
WR	118	108	15
WR	120	111	10
WR	120	111	15
WR	120	112	6
WR	120	112	8
WR	120	112	9.5
WR	120	112	15
WR	120	112	20
WR	120	112	25
WR	120	112	30
WR	120	113	20
WR	120	113	30
WR	120	114	6
WR	120	114	10
WR	120	114	11
WR	120	114	12
WR	120	114	15
WR	120	114	20
WR	120	114	22.5
WR	120	114	25
WR	120	114	27.5
WR	120	114	30
WR	120	114	35
WR	120	114	35
WR	120	115	8

Part No.	SIZE		
	d	D	h
WR	120	115	9.5
WR	120	115	10
WR	120	115	12.5
WR	120	115	15
WR	120	115	19
WR	120	115	20
WR	120	115	25
WR	120	115	30
WR	120	115	35
WR	125	115	15
WR	125	115	20
WR	125	117	8
WR	125	117	15
WR	125	118	9.5
WR	125	118	15
WR	125	118	20
WR	125	118	30
WR	125	118	50
WR	125	119	8
WR	125	119	9.5
WR	125	119	15
WR	125	119	20
WR	125	119	25
WR	125	119	30
WR	125	119	35
WR	125	120	8
WR	125	120	9.5
WR	125	120	12.5
WR	125	120	15
WR	125	120	20
WR	125	120	25
WR	125	120	30
WR	125	120	40
WR	125	120	50
WR	130	120	9.5
WR	130	120	15
WR	130	120	20
WR	130	120	30
WR	130	121	15
WR	130	123	10
WR	130	123	15
WR	130	123	20
WR	130	123	25
WR	130	123	30
WR	130	123	35
WR	130	123	40
WR	130	124	15
WR	130	124	18
WR	130	124	30
WR	130	125	6
WR	130	125	8
WR	130	125	9.5
WR	130	125	12.5
WR	130	125	15
WR	130	125	20
WR	130	125	25
WR	130	125	30
WR	135	125	9.5

Part No.	SIZE		
	d	D	h
WR	135	125	15
WR	135	127	8
WR	135	127	10
WR	135	127	15
WR	135	127	25
WR	135	128	9.5
WR	135	128	10
WR	135	128	15
WR	135	128	20
WR	135	128	25
WR	135	128	50
WR	135	129	8
WR	135	129	15
WR	135	129	20
WR	135	129	25
WR	135	129	30
WR	135	129	35
WR	135	130	8
WR	135	130	9.5
WR	135	130	10
WR	135	130	12.5
WR	135	130	15
WR	135	130	28
WR	140	128	9.5
WR	140	128	12.5
WR	140	128	17.5
WR	140	128	20
WR	140	133	10
WR	140	133	12.5
WR	140	133	15
WR	140	133	17.5
WR	140	133	20
WR	140	133	25
WR	140	133	30
WR	140	133	35
WR	140	133	40
WR	140	133	45
WR	140	133	50
WR	140	134	15
WR	140	134	20
WR	140	134	25
WR	140	134	30
WR	140	134	40
WR	140	134	50
WR	140	135	8
WR	140	135	9.5
WR	140	135	10
WR	140	135	12
WR	140	135	12.5
WR	140	135	15
WR	140	135	20
WR	140	135	25
WR	140	135	30
WR	140	135	35
WR	140	135	50
WR	145	137	10
WR	145	137	15
WR	145	138	9.5

Part No.	SIZE		
	d	D	h
WR	145	138	10
WR	145	138	15
WR	145	138	20
WR	145	138	25
WR	145	138	30
WR	145	138	35
WR	145	140	50
WR	145	140	8
WR	145	140	9.5
WR	145	140	10
WR	145	140	12.5
WR	145	140	15
WR	145	140	20
WR	145	140	25
WR	145	140	30
WR	145	140	50
WR	150	138	12.5
WR	150	138	15
WR	150	138	17.5
WR	150	142	8
WR	150	142	15
WR	150	142	20
WR	150	143	10
WR	150	143	15
WR	150	143	17.5
WR	150	143	20
WR	150	143	21
WR	150	143	22
WR	150	143	25
WR	150	143	30
WR	150	143	35
WR	150	143	40
WR	150	143	45
WR	150	143	50
WR	150	144	35
WR	150	144	40
WR	150	144	50
WR	150	145	6
WR	150	145	9.5
WR	150	145	10
WR	150	145	12.5
WR	150	145	15
WR	150	145	20
WR	150	145	25
WR	150	145	35
WR	150	145	40
WR	150	145	50
WR	155	150	8
WR	155	150	10
WR	155	150	15
WR	155	150	20
WR	155	150	30
WR	160	148	10
WR	160	148	15
WR	160	148	20
WR	160	148	22
WR	160	150	20
WR	160	152	35

Part No.	SIZE		
	d	D	h
WR	160	153	10
WR	160	153	15
WR	160	153	20
WR	160	153	21
WR	160	153	25
WR	160	153	30
WR	160	153	35
WR	160	153	40
WR	160	153	45
WR	160	154	20
WR	160	154	25
WR	160	154	40
WR	160	155	50
WR	160	155	8
WR	160	155	9.5
WR	160	155	10
WR	160	155	12.5
WR	160	155	15
WR	160	155	20
WR	160	155	25
WR	160	155	40
WR	160	155	50
WR	165	157	9.5
WR	165	157	10
WR	165	157	15
WR	165	157	20
WR	165	157	25
WR	165	157	30
WR	165	157	35
WR	165	157	45
WR	165	157	50
WR	165	158	15
WR	165	158	20
WR	165	158	50
WR	165	159	9.5
WR	165	159	15
WR	165	159	25
WR	165	159	30
WR	165	160	10
WR	165	160	15
WR	165	160	20
WR	165	160	25
WR	165	160	30
WR	165	160	35
WR	165	160	40
WR	165	160	50
WR	170	158	9
WR	170	162	10
WR	170	162	15
WR	170	162	20
WR	170	162	22
WR	170	162	25
WR	170	162	30
WR	170	162	35
WR	170	162	40
WR	170	162	45
WR	170	162	50
WR	170	163	40

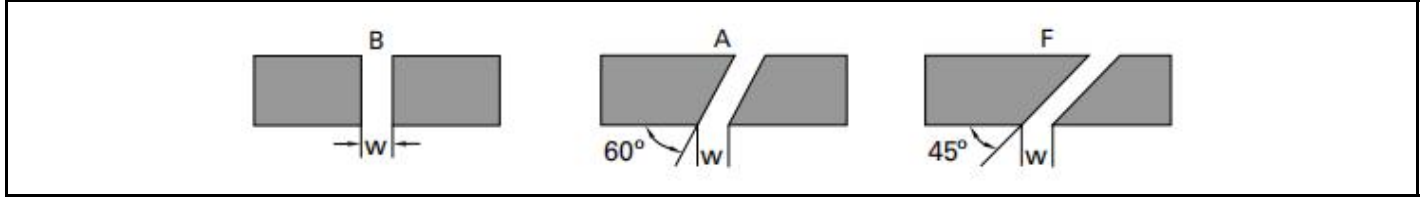
Part No.	SIZE		
	d	D	h
WR	170	164	9.5
WR	170	164	12.5
WR	170	164	20
WR	170	164	35
WR	170	164	50
WR	170	165	8
WR	170	165	9.5
WR	170	165	12.5
WR	170	165	15
WR	170	165	20
WR	170	165	25
WR	170	165	30
WR	170	165	35
WR	170	165	50
WR	175	167	25
WR	175	168	15
WR	175	168	25
WR	175	169	50
WR	175	170	10
WR	175	170	25
WR	180	168	22.5
WR	180	172	10
WR	180	172	12
WR	180	172	12.5
WR	180	172	15
WR	180	172	20
WR	180	172	22.5
WR	180	172	25
WR	180	172	30
WR	180	172	35
WR	180	172	40
WR	180	172	45
WR	180	172	50
WR	180	172	55
WR	180	173	22.5
WR	180	173	45
WR	180	173	50
WR	180	174	15
WR	180	174	20
WR	180	174	25
WR	180	174	35
WR	180	174	40
WR	180	174	50
WR	180	175	8
WR	180	175	9.5
WR	180	175	12
WR	180	175	12.5
WR	180	175	15
WR	180	175	20
WR	180	175	25
WR	180	175	30
WR	180	175	35
WR	180	175	40
WR	180	175	45
WR	180	175	50
WR	185	173	20
WR	185	173	22.5
WR	185	177	15

Part No.	SIZE		
	d	D	h
WR	185	177	25
WR	185	177	45
WR	185	180	10
WR	185	180	15
WR	185	180	22.5
WR	185	180	25
WR	185	180	50
WR	190	162	10
WR	190	182	15
WR	190	182	20
WR	190	182	22.5
WR	190	182	25
WR	190	182	28.5
WR	190	182	30
WR	190	182	35
WR	190	182	40
WR	190	182	50
WR	190	184	15
WR	190	184	20
WR	190	184	30
WR	190	184	50
WR	190	185	8
WR	190	185	9.5
WR	190	185	10
WR	190	185	15
WR	190	185	20
WR	190	185	30
WR	195	190	10
WR	195	190	15
WR	195	190	20
WR	195	190	25
WR	195	190	30
WR	200	188	22.5
WR	200	188	25
WR	200	192	10
WR	200	192	15
WR	200	192	20
WR	200	192	22.5
WR	200	192	25
WR	200	192	30
WR	200	192	40
WR	200	192	45
WR	200	192	50
WR	200	194	10
WR	200	194	15
WR	200	194	20
WR	200	194	25
WR	200	194	30
WR	200	194	35
WR	200	194	40
WR	200	194	50
WR	200	195	8
WR	200	195	9.5
WR	200	195	10
WR	200	195	15
WR	200	195	20
WR	205	200	15
WR	205	200	25

Part No.	SIZE		
	d	D	h
WR	215	209	20
WR	215	209	25
WR	215.9	209.55	82.5
WR	220	214	20
WR	220	214	25
WR	220	214	30
WR	225	219	20
WR	230	255	15
WR	235	230	15
WR	250	244	20
WR	250	244	25
WR	250	244	30
WR	250	245	15
WR	255	250	15
WR	260	254	30



SEAL INFORMATION	
Material	PTFE+40%Bronze
	Fabric Reinforced Polyester
Temperature range	-40~120°C
Max pressure	≤ 31.5 MPa
Max speed	≤ 5 m/s
Application	Piston



Part No.	SIZE		
	Width (mm)	Thickness (mm)	Length (m/roll)
Guide Tape	5.0	2.0	30
	5.6	1.5	40
	5.6	2.0	30
	5.6	2.5	24
	6.0	1.5	40
	6.0	2.0	30
	6.0	2.5	24
	6.3	1.5	40

Part No.	SIZE		
	d	D	h
Guide Tape	6.3	2.0	30
	6.3	2.5	24
	7.9	2.5	24
	8.0	1.5	40
	8.0	2.0	30
	8.0	2.5	24
	8.0	3.0	20

Part No.	SIZE		
	d	D	h
Guide Tape	9.7	1.5	40
	9.7	2.0	30
	9.7	2.5	24
	10.0	1.5	40
	10.0	2.0	30
	10.0	2.5	24
	10.0	3.0	20
	10.0	4.0	15

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>h</i>
Guide Tape	12.0	2.0	30
	12.0	2.5	24
	12.0	3.0	20
	12.5	2.0	30
	12.5	2.5	24
	14.8	2.5	24
	15.0	1.5	40
	15.0	2.0	30
	15.0	2.5	24
	15.0	3.0	20
	15.0	4.0	15
	20.0	1.5	40
	20.0	2.0	30
	20.0	2.5	24
	20.0	3.0	20
	20.0	4.0	15
20.0	5.0	11	

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>h</i>
Guide Tape	25.0	2.0	30
	25.0	2.5	24
	25.0	3.0	20
	25.0	4.0	15
	30.0	2.0	30
	30.0	2.5	24
	30.0	3.0	20
	30.0	4.0	15
	30.0	5.0	11
	35.0	2.5	24
	35.0	3.0	20
	35.0	4.0	15
	40.0	2.5	24
	40.0	3.0	20
	40.0	4.0	15
	40.0	5.0	11
45.0	2.5	24	

Part No.	SIZE		
	<i>d</i>	<i>D</i>	<i>h</i>
Guide Tape	45.0	3.0	20
	45.0	4.0	15
	50.0	2.5	24
	50.0	3.0	20
	50.0	4.0	15
	50.0	5.0	11



BS/A

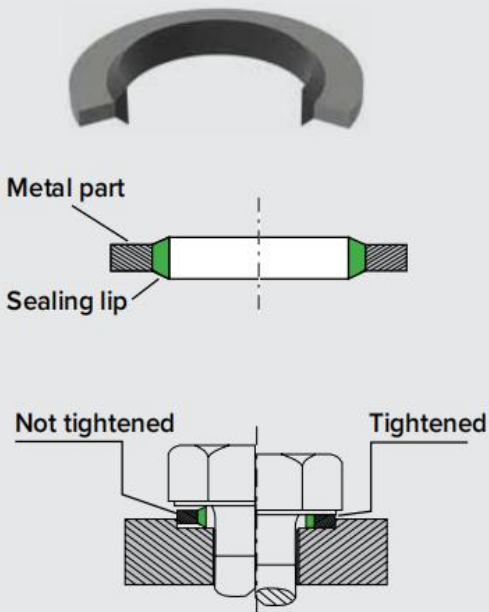
(Bonded Washer)

SEAL INFORMATION	
Material	NBR / Steel
Temperature range	-30~105°C
Max pressure	≤ 1200 bar

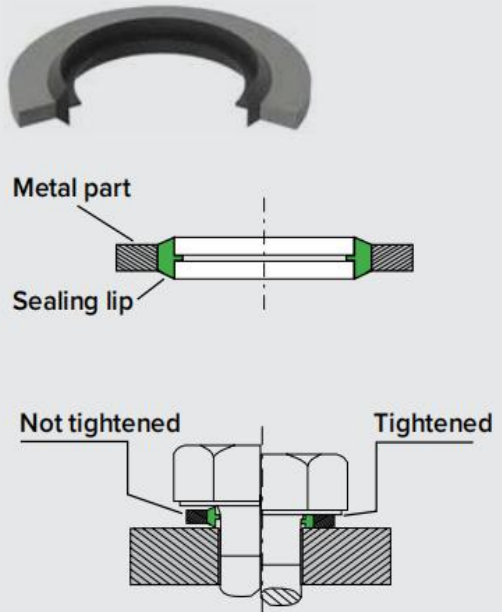


Available in Standard or Self-Centralsing seal options

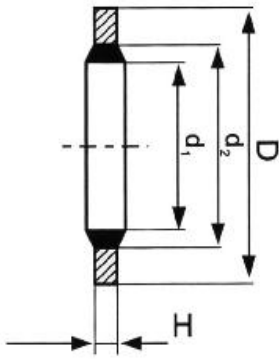
Standard Bonded Seal



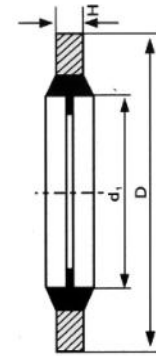
Self-Centralsing Bonded Seal



METRIC



INCH



SIZE IN METRIC				
	d1	d2	D	H
M4	4.5	5.5	8	1
M5	5.7	6.7	10	1
M6	6.4	8	12	2
M8	8.4	10	14	2
M10(G 1/8")	10.4	12	16	2
M12	12.4	14	18	2
M14(G 1/4")	14.4	16	20	2
M16	16.4	18	22	2
M18(G 3/8")	18.4	20	25	2
M20	20.5	23	28	2
M22(G 1/2")	22.5	25	30	2
M24	24.5	27	32	2
M27(G 3/4")	27.5	30	35	2
M30	30.5	33	38	2
M33(G 1")	33.5	36	42	2
M36	36.6	40	46	2
M39	39.6	43	50	2
M42	42.6	46	53	2
M45	45.6	49	56	2
M48	48.7	52	60	2
M52	52.7	56	66	2
M60(G 2")	60.7	64	75	2
M65	66.6	68	80	2
M70	70.8	77	85	2
M75	75.8	83	90	2
M80	80.9	88	95	2
M85	86	93	101	2
M90	91	99	106	2
M96	97	105	112	2
M100	101	110	117	2

SIZE IN INCH					
	Inch		d1	D	H
BS/A6.8	1/4		6.86	13.2	1.5
BS/A8.6	5/16		8.64	14.22	1.5
BS/A10.3	3/8	1/8	10.37	15.88	1.85
BS/A10.4			10.37	18.5	2
BS/A11.8	7/16		11.86	19	1.5
BS/A13.7	1/2	1/4	13.74	20.57	1.85
BS/A14.8	9/16		14.86	22.23	2
BS/A16.5	5/8		16.51	25.4	1.85
BS/A17.2		3/8	17.28	23.8	1.85
BS/A19.6	3/4		19.69	26.92	2.35
BS/A21.5	13/16		21.54	28.58	2.35
BS/A23.5	7/8		23.49	31.75	2.35
BS/A24.2	15/16		24.26	33.27	2.35
BS/A 27.1	1	3/4	27.05	34.93	2.35
BS/A 30.8	13/16	7/8	30.81	38.1	2.35
BS/A 33.8	15/16	1	33.89	42.8	2.35
BS/A 33.8A	15/16	1	33.89	42.8	3.4
BS/A 35.9A	1 3/8		35.94	44.45	3.4
BS/A 42.9	1 5/8	1 1/4	42.93	52.38	2.35
BS/A 42.9A	1 5/8	1 1/4	42.93	52.38	3.4
BS/A48.5	1 7/8	1 1/2	48.44	58.6	2.35
BS/A48.5A	1 7/8	1 1/2	48.44	58.6	3.4
BS/A 54.8A	2 1/16	1 3/4	54.89	69.85	3.4
BS/A 60.5		2	60.58	73.03	2.35
BS/A 60.5A		2	60.58	73.03	3.4
BS/A66.6		2 1/4	66.68	79.8	2
BS/A66.6A		2 1/4	66.68	79.5	3.4
BS/A 76.1 A		2 1/2	76.08	90.17	3.4

