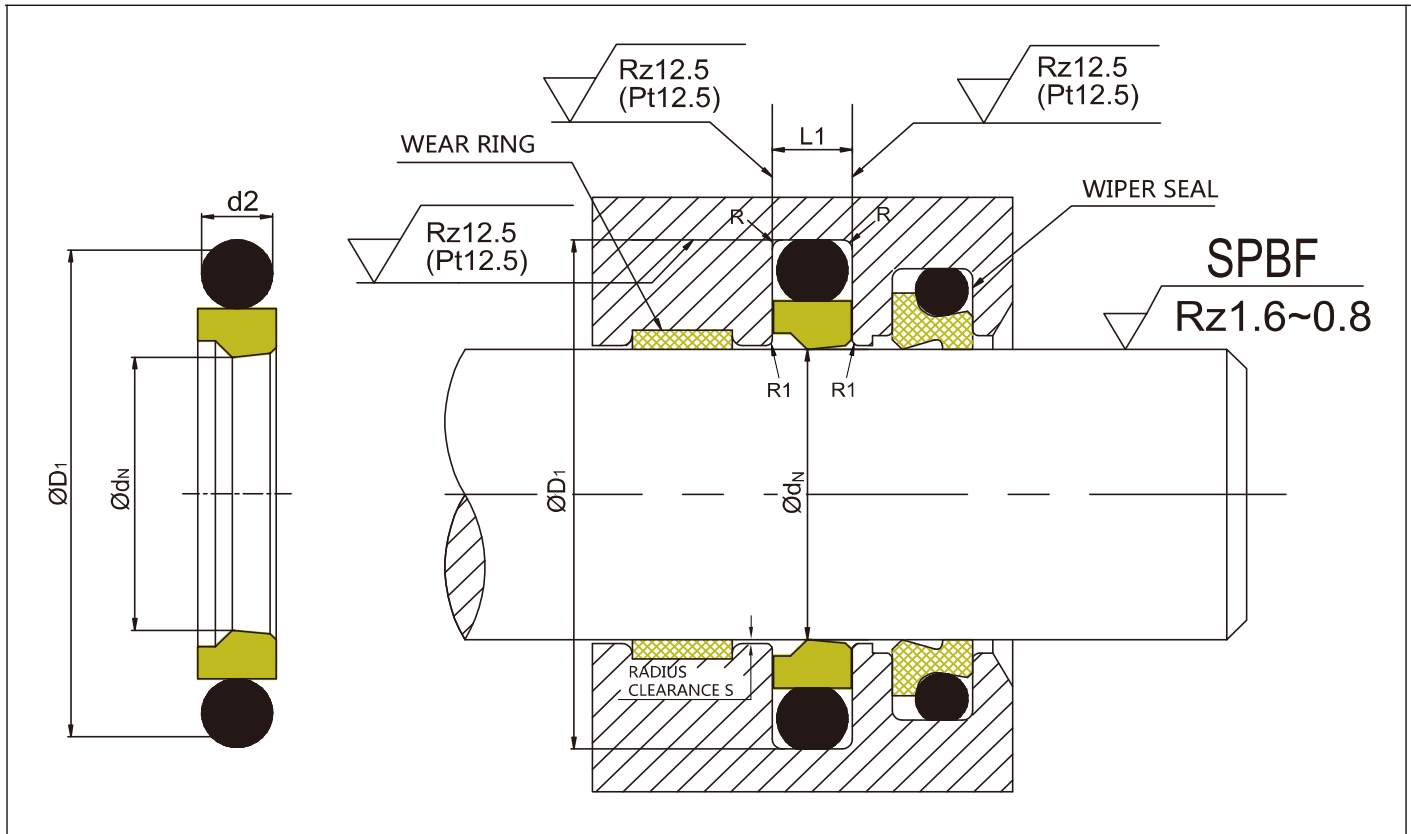




1. Installation Recommendation



2. Application and properties

Applicable to high and low speed reciprocating motion environment, a wide range of fluids and high temperature condition. Suitable for larger gap of piston rod. Low friction, simple groove, be able to work in the medium with oil spots.

3. Standard materials

Sealing ring: filled PTFE

O-Ring: NBR / FKM

4. Working Conditions

Working Conditions				
Diameter Range	Pressure Range	Temperature Range	Speed	Medium
3 - 1600mm	0 - 60MPa	-30°C +200°C	15 m/s	hydraulic oil, flame retardant liquid, water, gas



5. Installation Dimensions

Rod Dia.	Outer Dia.	Width	Order No.
d h9	D ₁ H9	L ₁ +0.2	
40	50	4.2	GSW40*50*4.2
45	55	4.2	GSW45*55*4.2
50	60	4.2	GSW50*60*4.2
50	65	6.8	GSW50*65*6.8
53	63	4.2	GSW53*63*4.2
55	65	4.2	GSW55*65*4.2
55	70	6.8	GSW55*70*6.8
60	70	4.2	GSW60*70*4.2
60	75	6.8	GSW60*75*6.8
63	73	4.2	GSW63*73*4.2
65	75	4.2	GSW65*75*4.2
65	80	6.8	GSW65*80*6.8
67	77	4.2	GSW67*77*4.2
70	80	4.2	GSW70*80*4.2
70	82	6.8	GSW70*85*6.8
75	85	4.2	GSW75*85*4.2
75	90	6.8	GSW75*90*6.8
80	90	4.2	GSW80*90*4.2
80	75	6.8	GSW80*95*6.8
85	100	6.8	GSW85*100*6.8
90	105	6.8	GSW90*105*6.8
95	110	6.8	GSW95*110*6.8
100	115	6.8	GSW100*115*6.8
106	121	6.8	GSW106*121*6.8
110	125	6.8	GSW110*125*6.8
115	130	6.8	GSW115*130*6.8
120	135	6.8	GSW120*135*6.8
125	140	6.8	GSW125*140*6.8
130	145	6.8	GSW130*145*6.8
135	150	6.8	GSW135*150*6.8
140	155	6.8	GSW140*155*6.8
145	160	6.8	GSW145*160*6.8
150	165	6.8	GSW150*165*6.8
155	170	6.8	GSW155*170*6.8
160	175	6.8	GSW160*175*6.8
165	180	6.8	GSW165*180*6.8
170	185	6.8	GSW170*185*6.8
175	190	6.8	GSW175*190*6.8
180	200	8.1	GSW180*200*8.1



GSW

Rod Dia.	Outer Dia.	Width	Order No.
d h9	D ₁ H9	L ₁ +0.2	
185	205	6.8	GSW185*205*8.1
190	210	6.8	GSW190*210*8.1
195	215	8.1	GSW195*215*8.1
200	220	8.1	GSW200*220*8.1
210	230	8.1	GSW210*230*8.1
215	235	8.1	GSW215*235*8.1
220	240	8.1	GSW220*240*8.1
230	250	8.1	GSW230*250*8.1
235	255	8.1	GSW235*255*8.1
255	275	8.1	GSW255*275*8.1
260	280	8.1	GSW260*280*8.1
265	285	8.1	GSW265*285*8.1
270	290	8.1	GSW270*290*8.1
275	295	8.1	GSW275*295*8.1
280	300	8.1	GSW280*300*8.1
285	310	9.5	GSW285*310*9.5
290	315	9.5	GSW290*315*9.5
295	320	9.5	GSW295*320*9.5
300	325	9.5	GSW300*325*9.5
310	335	9.5	GSW310*335*9.5
320	345	9.5	GSW320*345*9.5
330	355	9.5	GSW330*355*9.5
340	365	9.5	GSW340*365*9.5
350	375	9.5	GSW350*375*9.5
360	385	9.5	GSW360*385*9.5
370	395	9.5	GSW370*395*9.5
380	405	9.5	GSW380*405*9.5
390	415	9.5	GSW390*415*9.5
400	425	9.5	GSW400*425*9.5