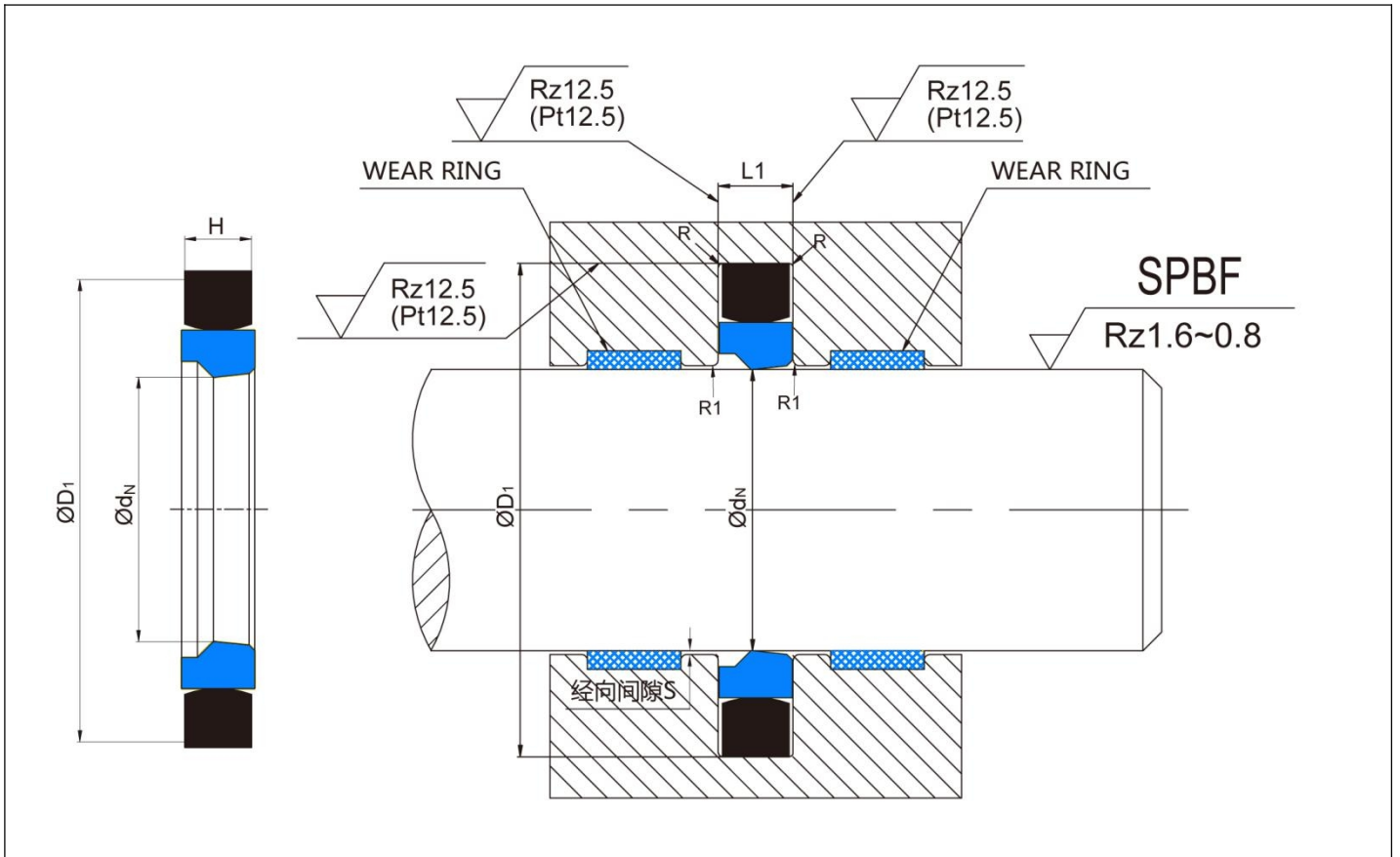


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1. Installation Recommendation



2. Installation Sizes

Rod Diameter	Outer Diameter	Groove Width	Install Chamfer	Radius	Radial Clearance S max.		
					10MPa	20MPa	40MPa
d f8	D H8	L+0.2	L ₁	R ₁	10MPa	20MPa	40MPa
50-69.9	d+15.0	7.5	5.0	0.4	0.5	0.4	0.3
70-149.9	d+20.0	10.1	6.0	0.4	0.7	0.5	0.4
200-244.9	d+25.0	12.5	8.5	0.4	0.8	0.6	0.5
245-519.9	d+30.0	15.0	10.0	0.8	0.9	0.7	0.6
520-769.9	d+35.0	17.5	13.0	1.2	1.0	0.8	0.7
770-1500	d+40.0	20.0	15.0	1.2	1.0	0.8	0.7

3. Application and properties

Applied for larger diameter piston rods and heavy-duty hydraulic rod sealing system in hard working conditions. High pressure resistance, excellent resistance to gap extrusion, wear-resisting.

4. Standard materials

Sealing ring: filled PTFE

O-Ring: NBR / FKM

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5. Working Conditions

Working Conditions				
Diameter Range	Pressure Range	Temperature Range	Speed	Medium
50 - 1600mm	0 - 60MPa	-30°C +100°C	5 m/s	hydraulic oil, flame retardant liquid, water, gas

6. Installation Dimensions

Rod Dia.	Outer Dia.	Groove Width	Order No.
d f8	D H8	L+0.2	
50	65	7.5	GSJ-W50*65*7.5
60	75	7.5	GSJ-W60*75*7.5
70	85	7.5	GSJ-W70*85*7.5
75	95	10	GSJ-W75*95*10
80	100	10	GSJ-W80*100*10
100	120	10	GSJ-W100*120*10
110	130	10	GSJ-W110*130*10
115	135	10	GSJ-W115*135*10
120	140	10	GSJ-W120*140*10
130	150	10	GSJ-W130*150*10
140	160	10	GSJ-W140*160*10
145	165	10	GSJ-W145*165*10
150	170	10	GSJ-W150*170*10
160	180	10	GSJ-W160*180*10
170	190	10	GSJ-W170*190*10
175	195	10	GSJ-W175*195*10
180	200	10	GSJ-W180*200*10
200	220	10	GSJ-W200*220*10
230	255	12.5	GSJ-W230*255*12.5
240	265	12.5	GSJ-W240*265*12.5
250	275	12.5	GSJ-W250*275*12.5
260	285	12.5	GSJ-W260*285*12.5
265	290	12.5	GSJ-W265*290*12.5
270	295	12.5	GSJ-W270*295*12.5
280	305	12.5	GSJ-W280*305*12.5
290	315	12.5	GSJ-W290*315*12.5
300	325	12.5	GSJ-W300*325*12.5
310	340	15.0	GSJ-W310*340*15
315	345	15.0	GSJ-W315*345*15
320	350	15.0	GSJ-W320*350*15

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Rod Dia.	Outer Dia.	Groove Width	Order No.
d f8	D H8	L+0.2	
330	360	15.0	GSJ-W330*360*15
340	370	15.0	GSJ-W340*370*15
350	380	15.0	GSJ-W350*380*15
360	390	15.0	GSJ-W360*390*15
370	400	15.0	GSJ-W370*400*15
380	410	15.0	GSJ-W380*410*15
390	420	15.0	GSJ-W390*420*15
400	430	15.0	GSJ-W400*430*15
410	440	15.0	GSJ-W410*440*15
420	450	15.0	GSJ-W420*450*15
430	460	15.0	GSJ-W430*460*15
440	470	15.0	GSJ-W440*470*15
450	480	15.0	GSJ-W450*480*15
460	490	15.0	GSJ-W460*490*15
470	500	15.0	GSJ-W470*500*15
480	510	15.0	GSJ-W480*510*15
490	520	15.0	GSJ-W490*520*15
500	530	15.0	GSJ-W500*530*15
510	540	15.0	GSJ-W510*540*15
520	550	15.0	GSJ-W520*550*15
530	560	15.0	GSJ-W530*560*15
540	575	17.5	GSJ-W540*575*17.5
545	580	17.5	GSJ-W545*580*17.5
550	585	17.5	GSJ-W550*585*17.5
560	595	17.5	GSJ-W560*595*17.5
570	605	17.5	GSJ-W570*605*17.5
580	615	17.5	GSJ-W580*615*17.5
590	625	17.5	GSJ-W590*625*17.5
600	635	17.5	GSJ-W600*635*17.5
620	655	17.5	GSJ-W620*655*17.5
630	665	17.5	GSJ-W630*665*17.5
640	675	17.5	GSJ-W640*675*17.5
645	680	17.5	GSJ-W645*680*17.5
650	685	17.5	GSJ-W650*685*17.5
660	695	17.5	GSJ-W660*695*17.5
670	705	17.5	GSJ-W670*705*17.5
680	715	17.5	GSJ-W680*715*17.5
690	725	17.5	GSJ-W690*725*17.5
700	740	20.0	GSJ-W700*740*20

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Rod Dia.	Outer Dia.	Groove Width	Order No.
d f8	D H8	L+0.2	
720	760	20.0	GSJ-W720*760*20
730	770	20.0	GSJ-W730*770*20
740	780	20.0	GSJ-W740*780*20
750	790	20.0	GSJ-W750*790*20
760	800	20.0	GSJ-W760*800*20
770	810	20.0	GSJ-W770*810*20
790	830	20.0	GSJ-W790*830*20
800	840	20.0	GSJ-W800*840*20
810	850	20.0	GSJ-W810*850*20
820	860	20.0	GSJ-W820*860*20
830	870	20.0	GSJ-W830*870*20
850	890	20.0	GSJ-W850*890*20
900	940	20.0	GSJ-W900*940*20
950	990	20.0	GSJ-W950*990*20
1000	1040	20.0	GSJ-W1000*1040*20