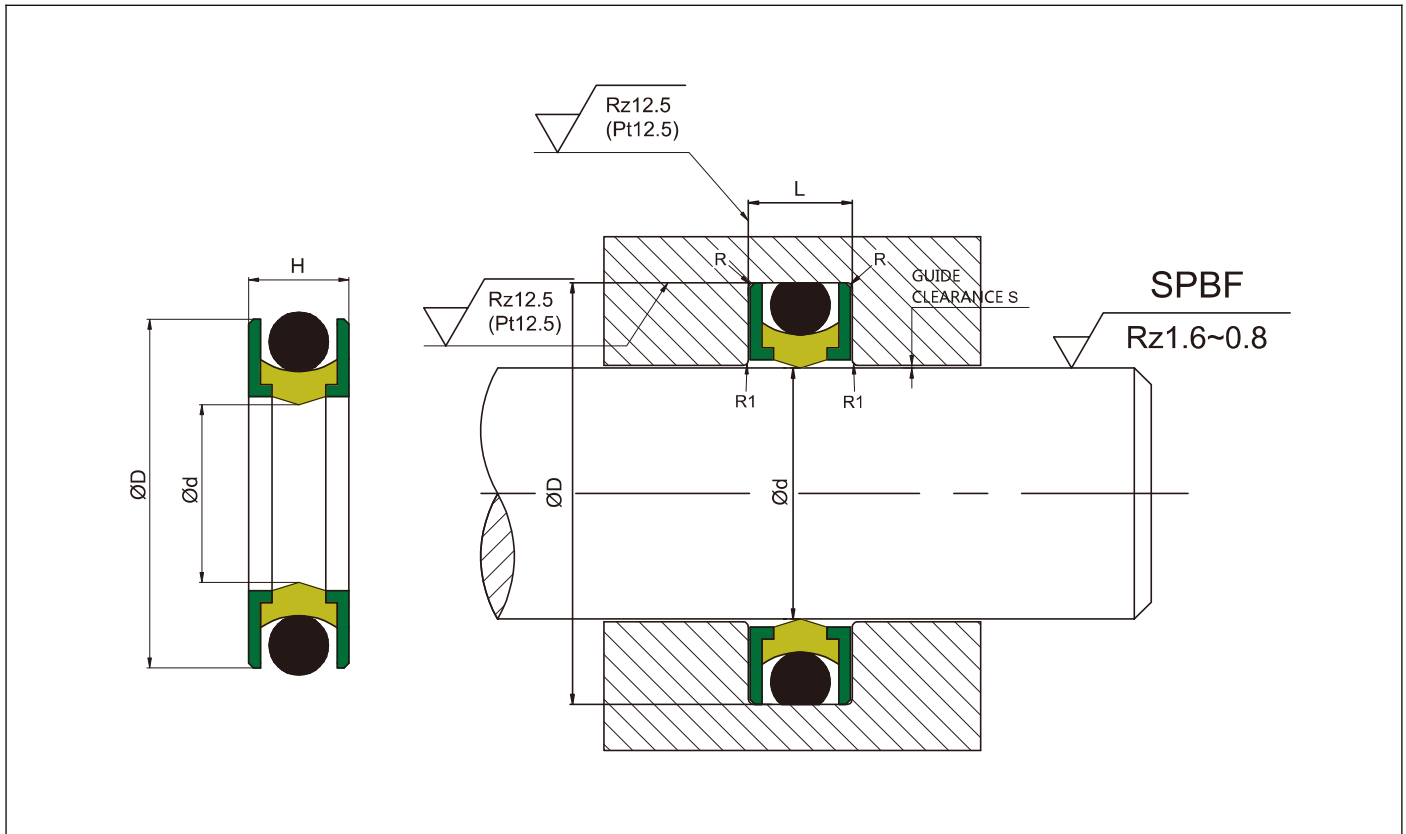




1. Installation Recommendation



2. Installation Sizes

Rod Diameter	Groove Diameter	Seal Width	Groove Width	Guide Clearance S max	
d e8	D H9	H	L	0-10MPa	15-36MPa
50-79	d+10.0	4.5	5.0	0.40-0.30	0.30-0.25
80-109	d+13.8	7.0	7.5	0.45-0.35	0.35-0.30
110-299	d+20.0	9.5	10.0	0.55-0.45	0.45-0.35
300-600	d+24.0	12.5	13.0	0.60-0.55	0.55-0.45

3. Application and properties

Applicable to construction machinery, building machinery and automotive equipment and other industrial fields. Consisting of a sealing ring, a O-Ring and two retaining rings, the sealing surface profile is specially designed to accommodate high pressure and low speed, the design of the back of the seal ring increases the contact surface and prevents rotation with the rod or shaft. Low friction, non viscous phenomenon, simple groove, good abrasion resistance and dimensional stability.

4. Standard materials

Sealing ring: filled PTFE

O-Ring: NBR

Back-up ring: POM / PA



5. Working Conditions

Working Conditions				
Diameter Range	Pressure Range	Temperature Range	Speed	Medium
3 - 1600mm	0 - 36MPa	-36°C +100°C	0.5 m/s	hydraulic oil, flame retardant liquid, water and others

6. Installation Dimensions

d e8	D H9	H	L	e	Order No.
50	60	4.5	5	7	OI50*60*4.5
56	66	4.5	5	7	OI56*66*4.5
63	73	4.5	5	7	OI63*73*4.5
65	75	4.5	5	7	OI65*75*4.5
70	80	4.5	5	7	OI70*80*4.5
75	85	4.5	5	7	OI75*85*4.5
80	93.8	7.0	7.5	7	OI80*93.8*7
85	98.8	7.0	7.5	7	OI85*98.8*7
90	103.8	7.0	7.5	7	OI90*103.8*7
95	108.8	7.0	7.5	7	OI95*108.8*7
100	113.8	7.0	7.5	7	OI100*113.8*7
110	130	9.5	10	10	OI110*130*9.5
115	135	9.5	10	10	OI115*135*9.5
120	140	9.5	10	10	OI120*140*9.5
125	140	9.5	10	10	OI125*140*9.5
130	150	9.5	10	10	OI130*150*9.5
140	160	9.5	10	10	OI140*160*9.5
150	170	9.5	10	10	OI150*170*9.5
160	180	9.5	10	10	OI160*180*9.5
170	190	9.5	10	10	OI170*190*9.5
180	200	9.5	10	10	OI180*200*9.5
190	210	9.5	10	10	OI190*210*9.5
200	220	9.5	10	10	OI200*220*9.5
220	240	9.5	10	10	OI220*240*9.5
225	245	9.5	10	10	OI225*245*9.5
230	250	9.5	10	10	OI230*250*9.5
250	270	9.5	10	10	OI250*270*9.5
280	300	9.5	10	10	OI280*300*9.5
290	310	9.5	10	10	OI290*310*9.5
300	324	12.5	13	15	OI300*324*12.5
320	344	12.5	13	15	OI320*344*12.5
350	374	12.5	13	15	OI350*374*12.5
360	384	12.5	13	15	OI360*384*12.5



O I

d e8	D H9	H	L	e	Order No.
380	404	12.5	13	15	OI380*404*12.5
400	424	12.5	13	15	OI400*424*12.5
420	444	12.5	13	15	OI420*444*12.5
450	474	12.5	13	15	OI450*474*12.5
480	504	12.5	13	15	OI480*504*12.5
500	524	12.5	13	15	OI500*524*12.5
550	574	12.5	13	15	OI550*574*12.5
560	584	12.5	13	15	OI560*584*12.5
600	624	12.5	13	15	OI600*624*12.5