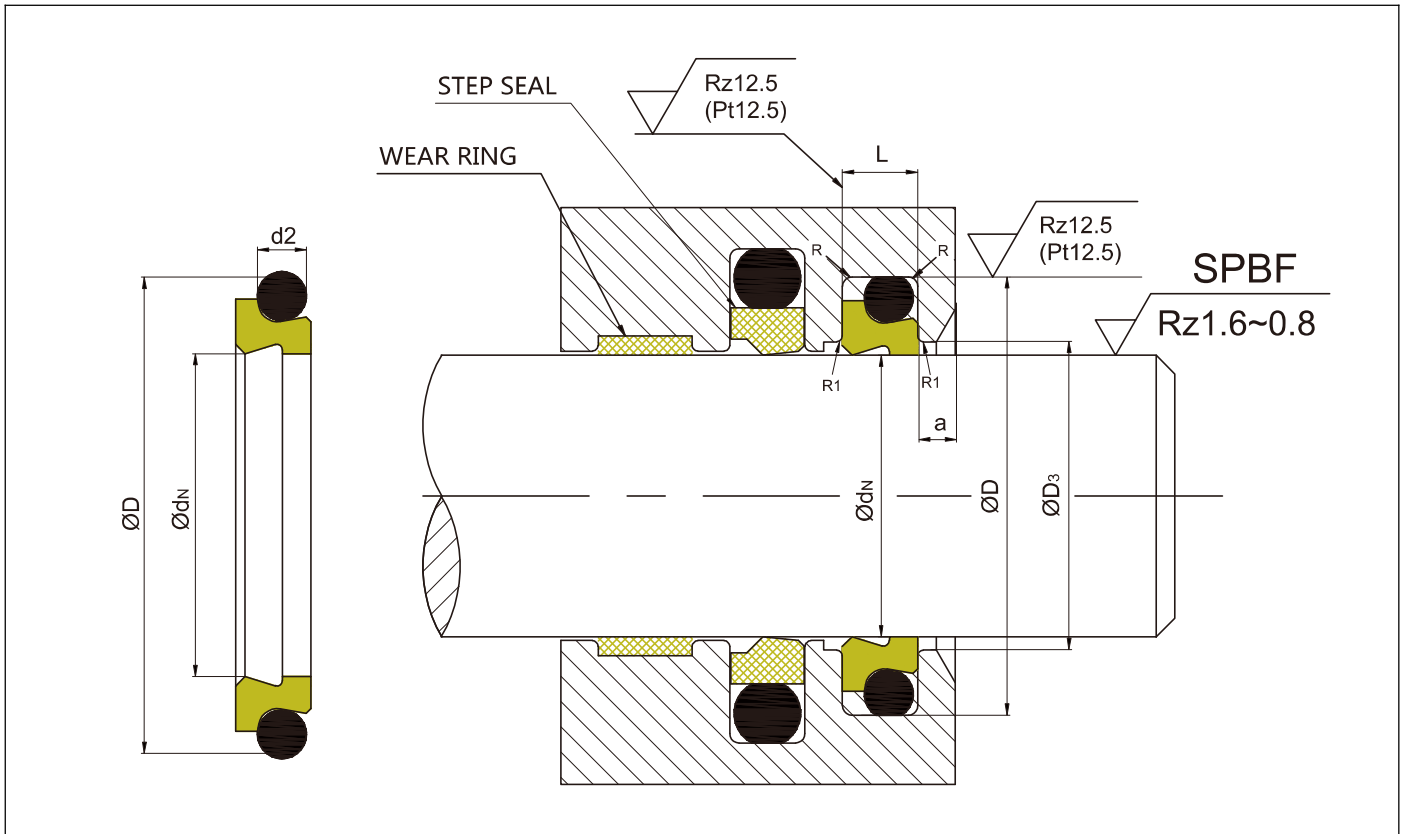




GSZ 2

1. Installation Recommendation



2. Installation Sizes

Rod Diameter	Groove Diameter	Groove Width	Diameter	Step Width	O-Ring Cross-Section
$d_N \text{ f8/h9}$	$D \text{ H9}$	$L +0.2$	$D_3 \text{ H11}$	$a \text{ min}$	d_2
4.0-11.9	$d_N+4.8$	3.7	$d+1.5$	2.0	1.78
12.0-64.9	$d_N+6.8$	5	$d+1.5$	2.0	2.62
65.0-250.9	$d_N+8.8$	6	$d+1.5$	3.0	3.53
251.0-420.9	$d_N+12.2$	8.4	$d+2.0$	4.0	5.33
421.0-650.9	$d_N+16.0$	11	$d+2.0$	4.0	7.00
651.0-999.9	$d_N+20.0$	14	$d+2.5$	5.0	8.40
≥ 1000.0	$d_N+20.0$	14	$d+2.5$	5.0	8.40

3. Application and properties

Suitable for cold and dusty environments and high frequency reciprocating motion. Mainly used in hydraulic and pneumatic devices, servo systems, chemical and food equipment. Excellent sliding performance, no stick-slip behavior, no viscosity, compensate for the distortion of the piston rod and plunger, compatibility with hydraulic media is very good, the remaining oil film adhered to the surface of the piston rod can be effectively blocked from the inside.



4. Standard materials

Sealing ring: filled PTFE

O-Ring: NBR / FKM

5. Working Conditions

Working Conditions				
Diameter Range	Pressure Range	Temperature Range	Speed	Medium
3 - 1600	-	-30°C +200°C	5 m/s	hydraulic oil, flame retardant liquid, water and others

6. Installation Dimensions

Rod Dia.	Groove Dia.	Groove Width	a	Oder No.
d f8	D H9	L+0.2		
6	10.8	3.7	2	GSZ2-6*10.8*3.7
8	12.8	3.7	2	GSZ2-8*12.8*3.7
10	14.8	3.7	2	GSZ2-10*14.8*3.7
12	18.8	5	2	GSZ2-12*18.8*5
14	20.8	5	2	GSZ2-14*20.8*5
15	21.8	5	2	GSZ2-15*21.8*5
16	22.8	5	2	GSZ2-16*22.8*5
18	24.8	5	2	GSZ2-18*24.8*5
20	26.8	5	2	GSZ2-20*26.8*5
22	28.8	5	2	GSZ2-22*28.8*5
25	31.8	5	2	GSZ2-25*31.8*5
30	36.8	5	2	GSZ2-30*36.8*5
32	38.8	5	2	GSZ2-32*38.8*5
35	41.8	5	2	GSZ2-35*41.8*5
36	42.8	5	2	GSZ2-36*42.8*5
37	43.8	5	2	GSZ2-37*43.8*5
40	46.8	5	2	GSZ2-40*46.8*5
42	48.8	5	2	GSZ2-42*48.8*5
45	51.8	5	2	GSZ2-45*51.8*5
50	56.8	5	2	GSZ2-50*56.8*5
55	61.8	5	2	GSZ2-55*61.8*5
56	62.8	5	2	GSZ2-56*62.8*5
60	66.8	5	2	GSZ2-60*66.8*5
63	69.8	5	2	GSZ2-63*69.8*5
65	73.8	6	3	GSZ2-65*73.8*6
70	78.8	6	3	GSZ2-70*78.8*6
75	83.8	6	3	GSZ2-75*83.8*6



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Rod Dia.	Groove Dia.	Groove Width	a	Order No.
d f8	D H9	L+0.2		
80	88.8	6	3	GSZ2-80*88.8*6
85	93.8	6	3	GSZ2-85*93.8*6
90	98.8	6	3	GSZ2-90*98.8*6
95	103.8	6	3	GSZ2-95*103.8*6
100	108.8	6	3	GSZ2-100*108.8*6
105	113.8	6	3	GSZ2-105*113.8*6
110	118.8	6	3	GSZ2-110*118.8*6
115	123.8	6	3	GSZ2-115*123.8*6
120	128.8	6	3	GSZ2-120*128.8*6
125	133.8	6	3	GSZ2-125*133.8*6
130	138.8	6	3	GSZ2-130*138.8*6
135	143.8	6	3	GSZ2-135*143.8*6
140	148.8	6	3	GSZ2-140*148.8*6
145	153.8	6	3	GSZ2-145*153.8*6
150	158.8	6	3	GSZ2-150*158.8*6
160	168.8	6	3	GSZ2-160*168.8*6
170	178.8	6	3	GSZ2-170*178.8*6
180	188.8	6	3	GSZ2-180*188.8*6
190	198.8	6	3	GSZ2-190*198.8*6
200	208.8	6	3	GSZ2-200*208.8*6
210	218.8	6	3	GSZ2-210*218.8*6
220	228.8	6	3	GSZ2-220*228.8*6
230	238.8	6	3	GSZ2-230*238.8*6
240	248.8	6	3	GSZ2-240*248.8*6
250	258.8	6	3	GSZ2-250*258.8*6
260	272.2	8.4	4	GSZ2-260*272.2*8.4
280	292.2	8.4	4	GSZ2-280*292.2*8.4
300	312.2	8.4	4	GSZ2-300*312.2*8.4
320	332.2	8.4	4	GSZ2-320*332.2*8.4
350	362.2	8.4	4	GSZ2-350*362.2*8.4
360	372.2	8.4	4	GSZ2-360*372.2*8.4
370	382.2	8.4	4	GSZ2-370*382.2*8.4
400	412.2	8.4	4	GSZ2-400*412.2*8.4
440	456	11	4	GSZ2-440*456*11
480	496	11	4	GSZ2-480*496*11
600	616	11	4	GSZ2-600*616*11
630	646	11	4	GSZ2-630*646*11
680	700	14	5	GSZ2-680*700*14
700	720	14	5	GSZ2-700*720*14



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Rod Dia.	Groove Dia.	Groove Width	a	Order No.
d f8	D H9	L+0.2		
770	790	14	5	GSZ2-770*790*14
820	840	14	5	GSZ2-820*840*14
880	900	14	5	GSZ2-880*900*14
900	920	14	5	GSZ2-900*920*14
1030	1050	14	5	GSZ2-1030*1050*14