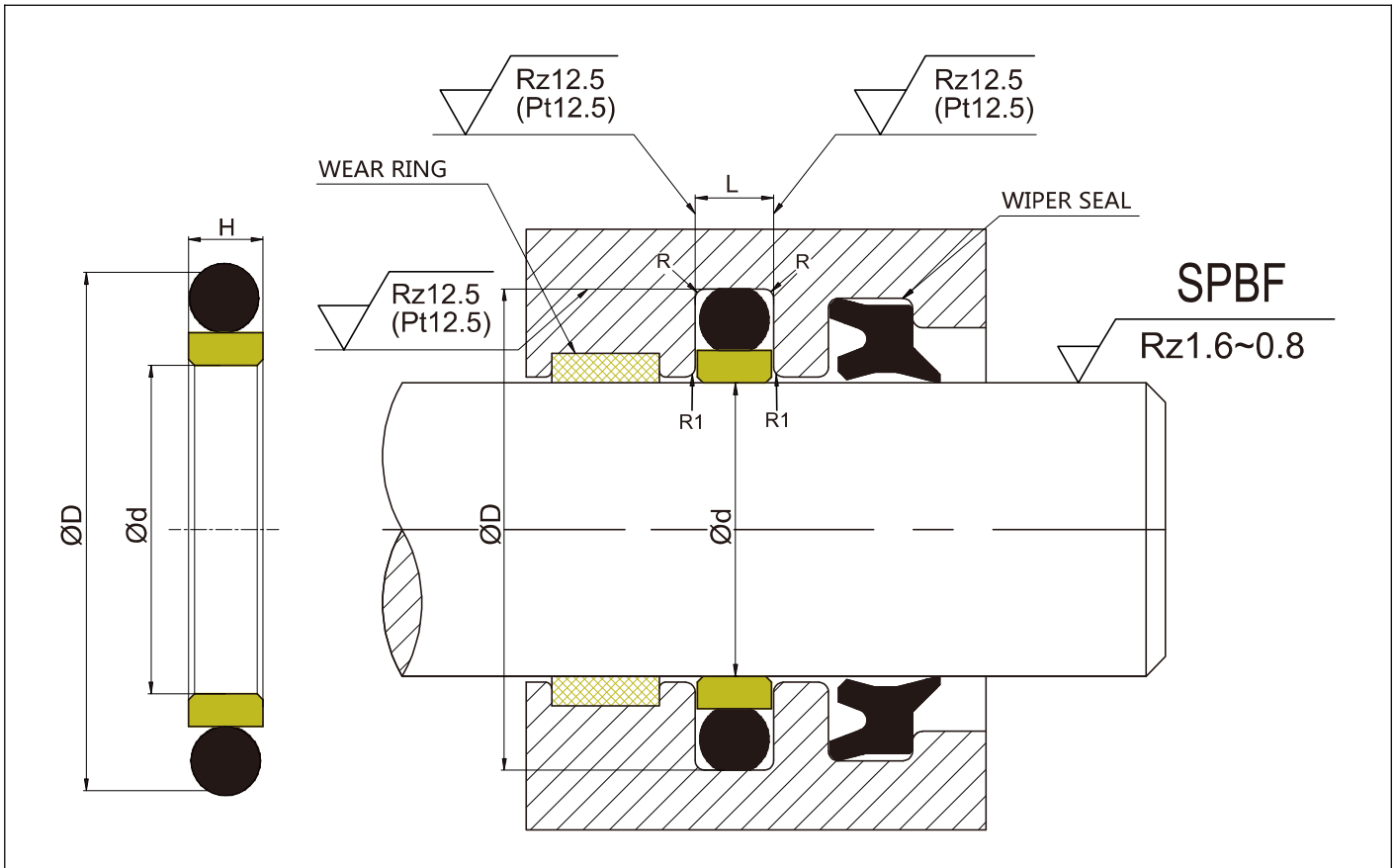




## 1. Installation Recommendation



## 2. Application and properties

Applicable to a wide range of pressure work and sliding high speed occasions. Standard combined seal. Low friction, strong wear resistance.

## 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 - 35MPa	-30°C + 200°C	1.5m/s	general hydraulic oil, water glycol hydraulic oil, oil / water emulsion type hydraulic oil.



# SPNO

## 5. Installation Dimensions

Nominal Size of Packing, and Housing dimensions				Order No.
d	D	H	L +0.2	
12	18	3.0	3.2	SPNO12*18*3.2
14	20	3.0	3.2	SPNO14*20*3.2
16	22	3.0	3.2	SPNO16*22*3.2
18	24	3.0	3.2	SPNO18*24*3.2
20	26	3.0	3.2	SPNO20*26*3.2
22	31	3.8	4	SPNO22*31*4
25	34	3.8	4	SPNO25*34*4
28	37	3.8	4	SPNO28*37*4
30	39	3.8	4	SPNO30*39*4
32	41	3.8	4	SPNO32*41*4
36	45	3.8	4	SPNO36*45*4
40	49	3.8	4	SPNO40*49*4
45	54	3.8	4	SPNO45*54*4
50	65	6.3	6.5	SPNO50*65*6.5
56	71	6.3	6.5	SPNO56*71*6.5
60	75	6.3	6.5	SPNO60*75*6.5
63	78	6.3	6.5	SPNO63*78*6.5
70	85	6.3	6.5	SPNO70*85*6.5
75	90	6.3	6.5	SPNO75*90*6.5
80	95	6.3	6.5	SPNO80*95*6.5
85	100	6.3	6.5	SPNO85*100*6.5
90	105	6.3	6.5	SPNO90*105*6.5
95	110	6.3	6.5	SPNO95*110*6.5
100	115	6.3	6.5	SPNO100*115*6.5
105	120	6.3	6.5	SPNO105*120*6.5
110	125	6.3	6.5	SPNO110*125*6.5
115	130	6.3	6.5	SPNO115*130*6.5
120	135	6.3	6.5	SPNO120*135*6.5
125	140	6.3	6.5	SPNO125*140*6.5
130	145	6.3	6.5	SPNO130*145*6.5
135	150	6.3	6.5	SPNO135*150*6.5
140	155	6.3	6.5	SPNO140*155*6.5
145	160	6.3	6.5	SPNO145*160*6.5
150	170	9.8	10	SPNO150*170*10
160	180	9.8	10	SPNO160*180*10
170	190	9.8	10	SPNO170*190*10



Nominal Size of Packing, and Housing dimensions				Order No.
d	D	H	L +0.2	
180	200	9.8	10	SPNO180*200*10
190	210	9.8	10	SPNO190*210*10
200	220	9.8	10	SPNO200*220*10
210	230	9.8	10	SPNO210*230*10
220	240	9.8	10	SPNO220*240*10
224	244	9.8	10	SPNO224*244*10
230	250	9.8	10	SPNO230*250*10
240	260	9.8	10	SPNO240*260*10
250	270	9.8	10	SPNO250*270*10
260	280	9.8	10	SPNO260*280*10
270	290	9.8	10	SPNO270*290*10
280	300	9.8	10	SPNO280*300*10
290	310	9.8	10	SPNO290*310*10
300	320	9.8	10	SPNO300*320*10
310	330	9.8	10	SPNO310*330*10
320	340	9.8	10	SPNO320*340*10
330	350	9.8	10	SPNO330*350*10
340	360	9.8	10	SPNO340*360*10
350	370	9.8	10	SPNO350*370*10
360	380	9.8	10	SPNO360*380*10
370	390	9.8	10	SPNO370*390*10
380	400	9.8	10	SPNO380*400*10