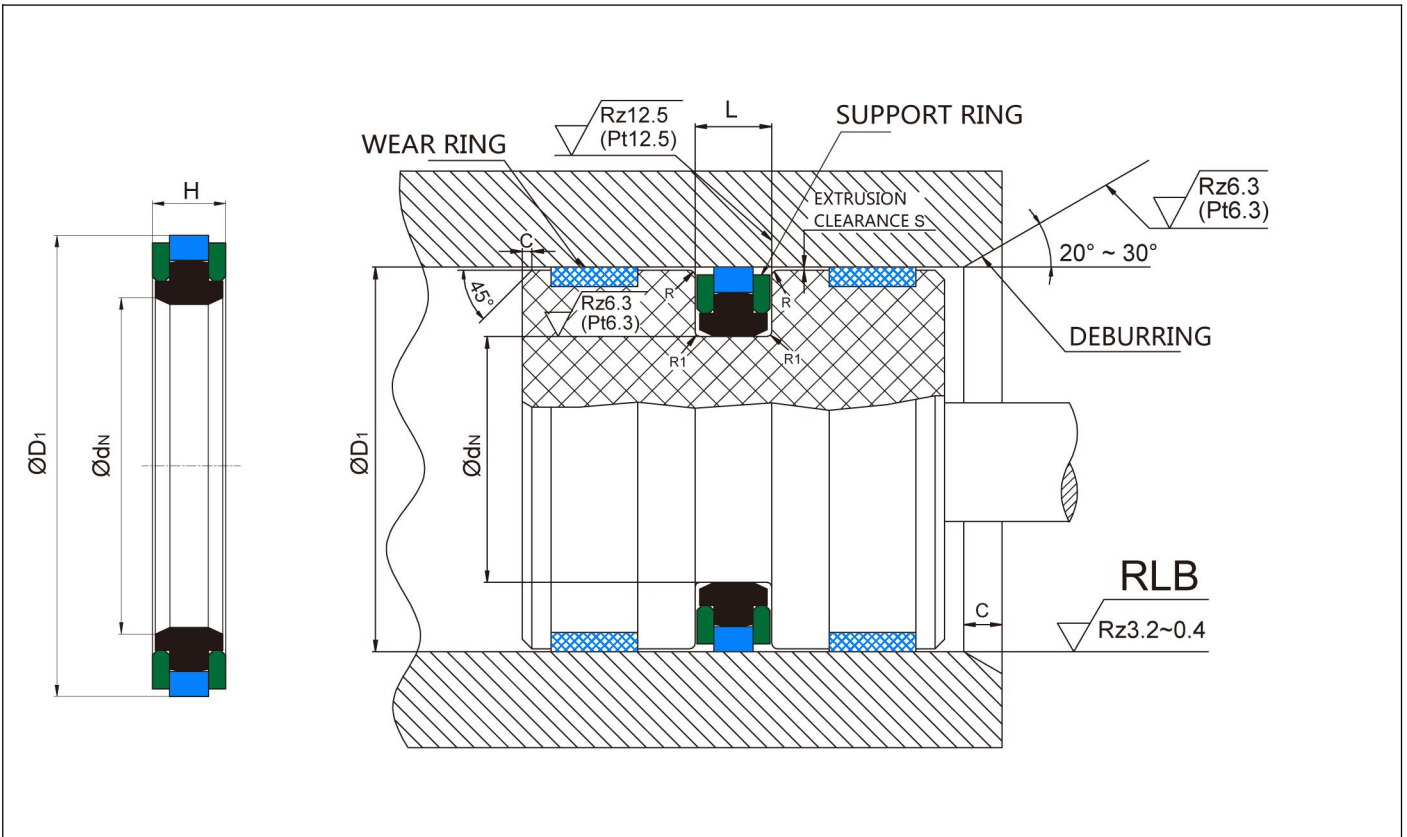


# SPGW

## 1. Installation Recommendation



## 2. Application and properties

Suitable for long stroke, a wide range of fluids and high temperature occasions. The application of heavy duty double acting piston sealing under high pressure conditions is excellent. Applicable to larger piston clearance, it has good leakage control, extrusion resistance and wear resistance in heavy duty and construction machinery cylinder piston sealing system. Good static sealing property, simple groove structure, larger extrusion clearances can be allowed, be able to work in dusty condition.

## 3. Standard materials

Sealing ring: filled PTFE

O-Ring: NBR / FKM

Back-up ring: POM / PA

## 4. Working Conditions

Working Conditions				
Diameter Range	Pressure Range	Temperature Range	Speed	Medium
50 - 350mm	0 - 50MPa	-30°C +100°C	1.5 m/s	hydraulic oil, flame retardant liquid, water and others

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## 5. Installation Dimensions

Nominal Size of Packing, and Housing dimensions			L+0.2	Order No.
D <sub>1</sub>	d <sub>N</sub>	H		
50	36	8.5	9	SPGW50*36*8.5
55	41	8.5	9	SPGW55*41*8.5
60	46	8.5	9	SPGW60*46*8.5
63	48	10.5	11	SPGW63*48*10.5
65	50	10.5	11	SPGW65*50*10.5
70	55	10.5	11	SPGW70*55*10.5
75	60	10.5	11	SPGW75*60*10.5
80	65	10.5	11	SPGW80*65*10.5
85	70	10.5	11	SPGW85*70*10.5
90	75	10.5	11	SPGW90*75*10.5
95	80	10.5	11	SPGW95*80*10.5
100	85	12	12.5	SPGW100*85*12
105	90	12	12.5	SPGW105*90*12
110	95	12	12.5	SPGW110*95*12
115	100	12	12.5	SPGW115*100*12
120	105	12	12.5	SPGW120*105*12
125	102	15.5	16	SPGW125*102*15.5
130	107	15.5	16	SPGW130*107*15.5
135	112	15.5	16	SPGW135*112*15.5
140	117	15.5	16	SPGW140*117*15.5
145	122	15.5	16	SPGW145*122*15.5
150	127	15.5	16	SPGW150*127*15.5
155	132	15.5	16	SPGW155*132*15.5
160	137	15.5	16	SPGW160*137*15.5
165	142	15.5	16	SPGW165*142*15.5
170	147	15.5	16	SPGW170*147*15.5
180	157	15.5	16	SPGW180*157*15.5
185	162	15.5	16	SPGW185*162*15.5
190	167	15.5	16	SPGW190*167*15.5
200	177	15.5	16	SPGW200*177*15.5
210	187	15.5	16	SPGW210*187*15.5
220	197	15.5	16	SPGW220*197*15.5
225	202	17	17.5	SPGW225*202*15.5
230	207	17	17.5	SPGW230*207*15.5
240	217	17	17.5	SPGW240*217*15.5
250	222	17	17.5	SPGW250*222*17
260	232	17	17.5	SPGW260*232*17
270	242	17	17.5	SPGW270*242*17
280	252	17	17.5	SPGW280*252*17

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Nominal Size of Packing, and Housing dimensions			L+0.2	Order No.
D <sub>1</sub>	d <sub>N</sub>	H		
300	272	17	17.5	SPGW300*272*17
320	292	17	17.5	SPGW320*292*17
350	322	17	17.5	SPGW350*322*17