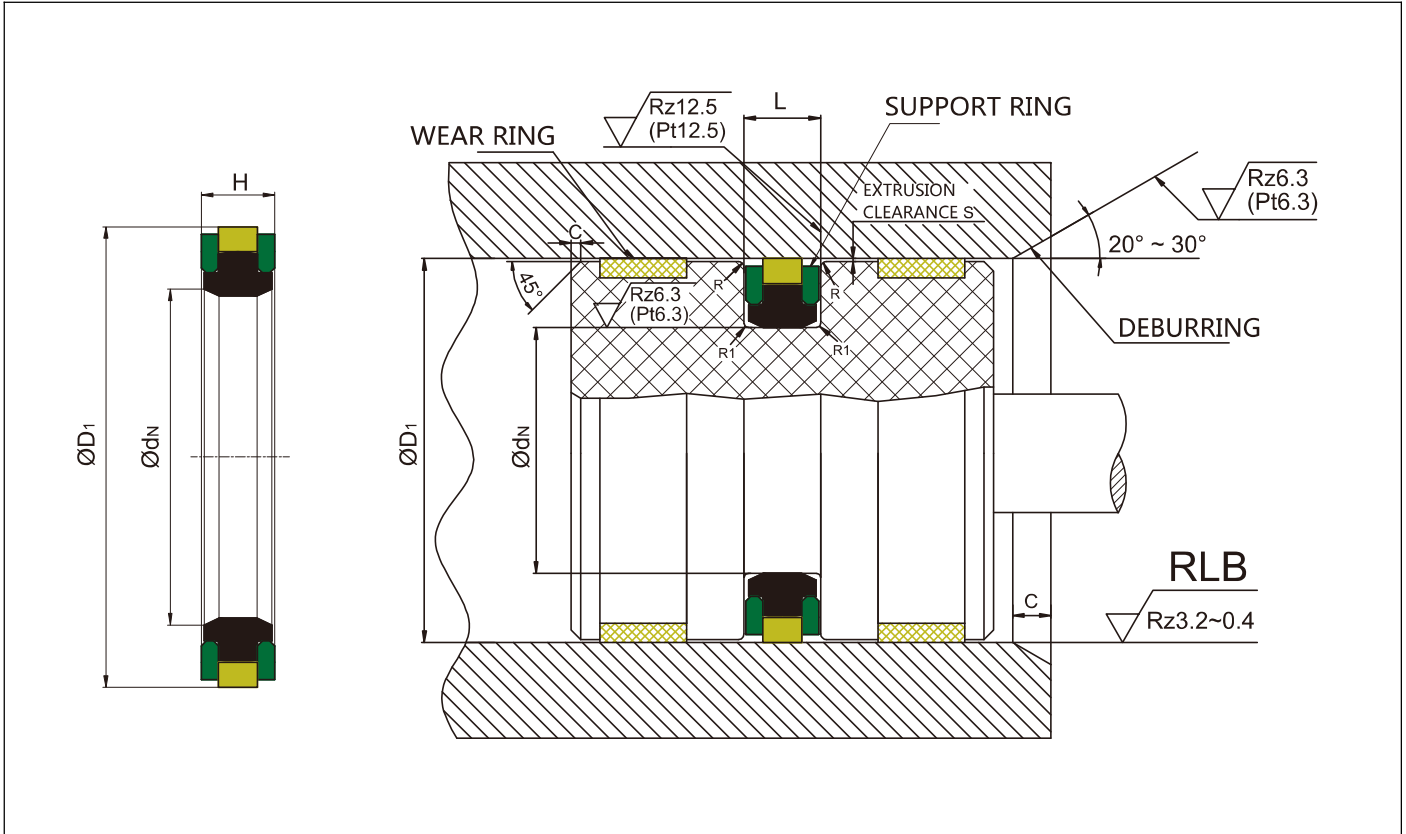




SPGW

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 |



5. Installation Dimensions

| Nominal Size of Packing, and Housing dimensions | | | L+0.2 | Order No. |
|-------------------------------------------------|----------------|------|-------|------------------|
| D ₁ | d _N | 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 |



SPGW

| Nominal Size of Packing, and Housing dimensions | | | L+0.2 | Order No. |
|-------------------------------------------------|----------------|----|-------|----------------|
| D ₁ | d _N | 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 |