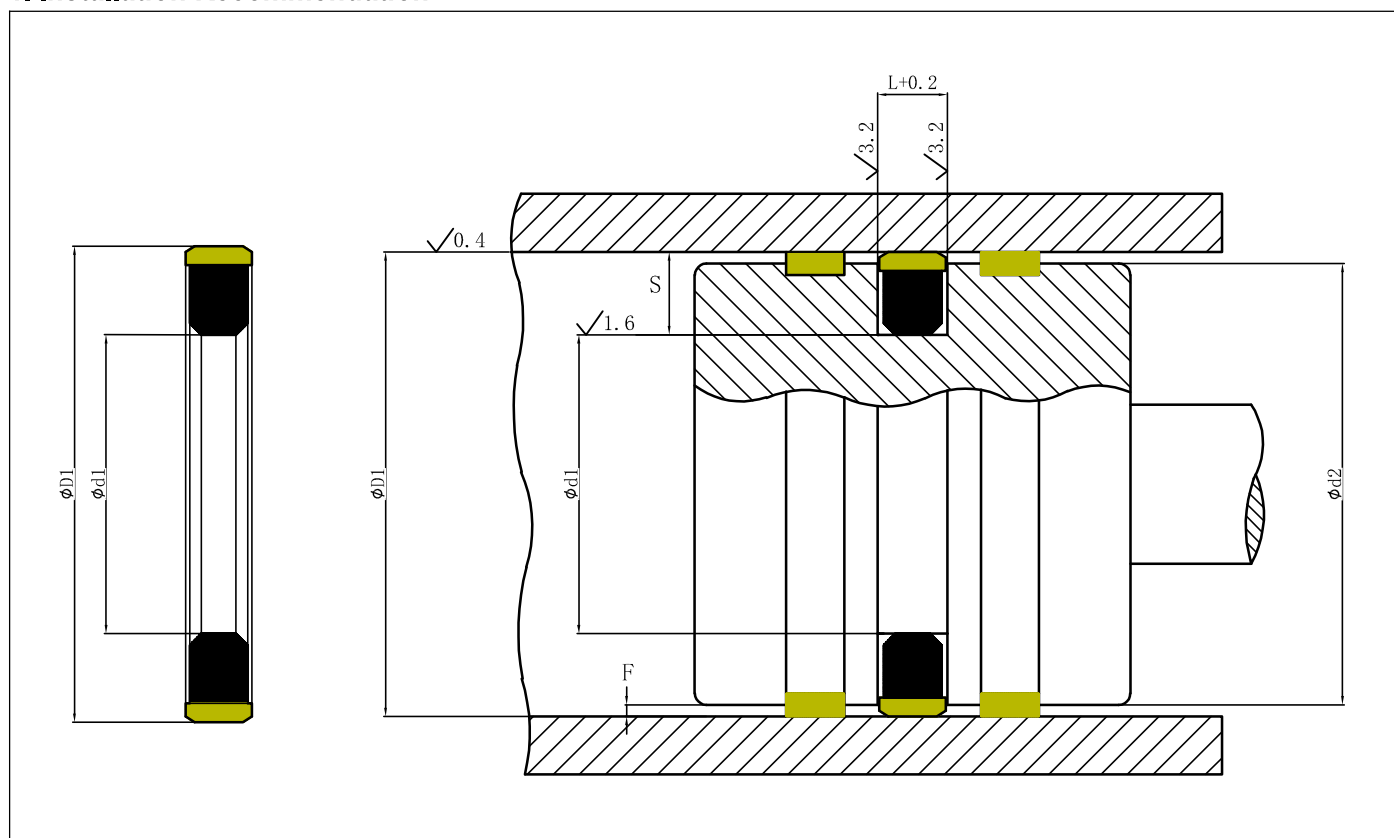




1. Installation Recommendation



2. Installation Sizes

The installation groove must be carefully deburred and cleaned. The cylinder bore must have a leading edge chamfer. Profile OK can be snapped into closed grooves.

3. Application and properties

Extreme wear resistance, easy installation on single-part piston without assembly aids due to the split design of the sealing ring. Assembly on one-part piston is possible. Insensitive to extreme pressure peaks. Extreme high pressure resistance. High pressure and large gaps due to the special compound properties of the seal ring. Dimensions according to ISO 7425-1. Short axial assembly length. Installation in closed and undercut housings. Additional sizes of machined products available on short notice.

4. Standard materials

Sealing ring: filled modified thermoplast

O-ring: NBR



OK

5. Working Conditions

Working Conditions			
Diameter Range	Pressure Range	Temperature Range	Speed
25 - 480mm	0 - 80MPa	-30°C +110°C	1 m/s

6. Installation Dimensions

D ₁	d ₁	L	Order No.
25	16	4.2	OK25*16*4.2
32	21	4.2	OK32*21*4.2
40	26.3	5.8	OK40*26.3*5.8
40	29	4.2	OK40*29*4.2
50	34.5	6.3	OK50*34.5*6.3
50	36.3	5.8	OK50*36.3*5.8
50	37	8	OK50*37*8
50	39	4.2	OK50*39*4.2
55	44	4.2	OK55*44*4.2
60	41.7	7	OK60*41.7*7
60	49	4.2	OK60*49*4.2
63	44.7	7	OK63*44.7*7
63	47.5	6.3	OK63*47.5*6.3
63	52	4.2	OK63*52*4.2
70	51.7	7	OK70*51.7*7
70	54.5	6.3	OK70*54.5*6.3
70	59	4.2	OK70*59*4.2
75	54	8	OK75*54*8
75	59.5	6.3	OK75*59.5*6.3
80	59	8	OK80*59*8
80	64.5	6.3	OK80*64.5*6.3
85	64	8	OK85*64*8
90	69	8	OK90*69*8
90	74.5	6.3	OK90*74.5*6.3
95	74	8	OK95*74*8
100	79	8	OK100*79*8
100	84.5	6.3	OK100*84.5*6.3
105	84	8	OK105*84*8
110	89	8	OK110*89*8
110	94.5	6.3	OK110*94.5*6.3
115	94	8	OK115*94*8
115	100	8	OK115*100*8
120	99	8	OK120*99*8



D ₁	d ₁	L	Order No.
125	104	8	OK125*104*8
125	109.5	6.3	OK125*109.5*6.3
130	109	8	OK130*109*8
130	114.5	6.3	OK130*114.5*6.3
130	115	8	OK130*115*8
135	114	8	OK135*114*8
135	119.5	6.3	OK135*119.5*6.3
140	119	8	OK140*119*8
140	125	8	OK140*125*8
145	124	8	OK145*124*8
150	129	8	OK150*129*8
150	135	8	OK150*135*8
152.4	131.5	8	OK152.4*131.5*8
160	139	8	OK160*139*8
160	148	8	OK160*148*8
165	144	8	OK165*144*8
170	149	8	OK170*149*8
175	154	8	OK175*154*8
180	159	8	OK180*159*8
190	169	8	OK190*169*8
200	179	8	OK200*179*8
210	189	8	OK210*189*8
220	199	8	OK220*199*8
220	205	8	OK220*205*8
230	209	8	OK230*209*8
240	225	8	OK240*225*8
250	229	8	OK250*229*8
260	239	8	OK260*239*8
270	249	8	OK270*249*8
280	255.5	8	OK280*255.5*8
290	271	9.5	OK290*271*9.5
300	272	9.5	OK300*272*9.5
320	292	9.5	OK320*292*9.5
330	302	9.5	OK330*302*9.5
350	322	9.5	OK350*322*9.5
370	342	9.5	OK370*342*9.5
420	392	9.5	OK420*392*9.5
450	422	9.5	OK450*422*9.5
480	452	9.5	OK480*452*9.5