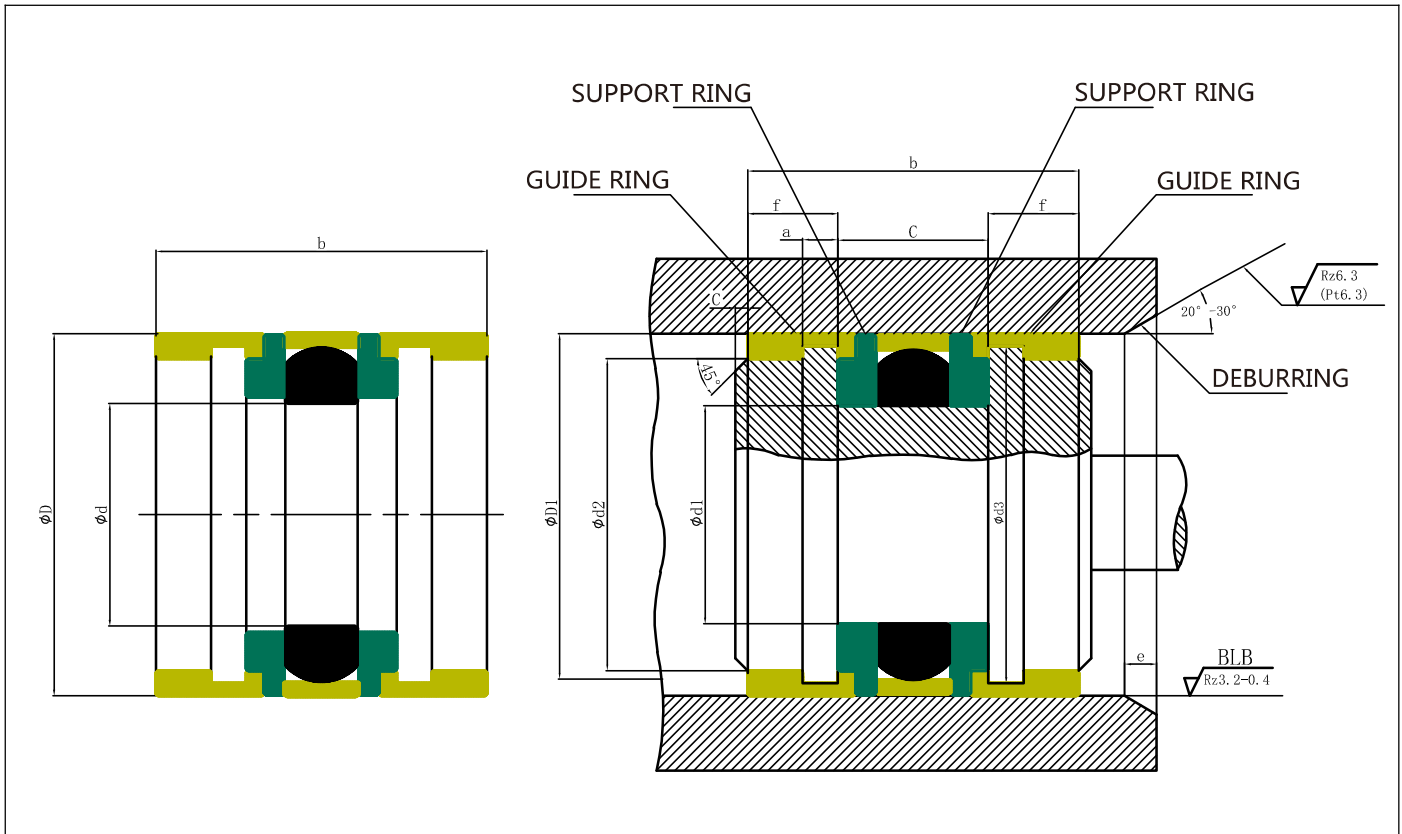




1. Installation Recommendation



2. Application and properties

Apply to cylinder piston, consisting of a seal ring, an O-Ring, a pair of retaining rings and a pair of guide sleeves. The seal ring and cylinder bore conforming to be a symmetric section to achieve the sealing performance, with double acting sealing performance.

3. Standard materials

Sealing ring: filled PTFE

O-Ring: NBR / FKM

Back-up ring: filled PTFE / PA

Guide ring: filled PTFE / PA

4. Working Conditions

Working Conditions				
Diameter Range	Pressure Range	Temperature Range	Speed	Medium
40 - 1600mm	0 - 45MPa	-30°C +200°C	1 m/s	hydraulic oil, water and emulsion



5. Installation Dimensions

D	d	b	d ₂	d ₃	a	c	f	e	Order No.
40	26	32	32	36	3.5	15.5	8.25	7	DDKK40*26*32
45	31	32	37	41	3	15.5	8.25	7	DDKK45*31*32
50	34	39	42	46	3	20.5	9.25	7	DDKK50*34*39
56	40	39	48	52	3	20.5	9.25	7	DDKK56*40*39
60	44	39	52	56	3	20.5	9.25	7	DDKK60*44*39
63	47	39	55	59	3	20.5	9.25	7	DDKK63*47*39
65	49	39	57	61	3	20.5	9.25	7	DDKK65*49*39
70	54	39	62	66	3	20.5	9.25	7	DDKK70*54*39
75	59	39	67	71	3	20.5	9.25	7	DDKK75*59*39
80	62	43	72	76	3	22.5	10.25	7	DDKK80*62*43
85	67	43	77	81	3	22.5	10.25	7	DDKK85*67*43
90	72	43	82	86	3	22.5	10.25	7	DDKK90*72*43
95	77	43	87	91	3	22.5	10.25	7	DDKK95*77*43
100	82	43	92	96	3	22.5	10.25	7	DDKK100*82*43
105	87	43	97	101	3	22.5	10.25	10	DDKK105*87*43
110	92	43	102	106	3	22.5	10.25	10	DDKK110*92*43
115	97	43	107	111	3	22.5	10.25	10	DDKK115*97*43
120	102	43	112	116	3	22.5	10.25	10	DDKK120*102*43
125	103	53	115	121	4	26.5	13.25	10	DDKK125*103*53
130	108	53	120	126	4	26.5	13.25	10	DDKK130*108*53
140	118	53	130	136	4	26.5	13.25	10	DDKK140*118*53
150	128	53	140	146	4	26.5	13.25	10	DDKK150*128*53
160	138	53	150	156	4	26.5	13.25	10	DDKK160*138*53
165	143	57	155	161	6	26.5	15.25	10	DDKK165*143*57
170	148	57	160	166	6	26.5	15.25	10	DDKK170*148*57
180	158	57	170	176	6	26.5	15.25	10	DDKK180*158*57
190	165	64	180	186	4.5	31.5	16.25	10	DDKK190*165*64
195	170	64	185	191	4.5	31.5	16.25	10	DDKK195*170*64
200	175	64	190	196	4.5	31.5	16.25	10	DDKK200*175*64
210	185	71	200	206	8	31.5	19.75	12	DDKK210*185*71
220	195	71	210	216	8	31.5	19.75	12	DDKK220*195*71
225	200	71	215	221	8	31.5	19.75	12	DDKK225*200*71
230	205	85	220	226	15	31.5	26.75	12	DDKK230*205*85
240	215	85	230	236	15	31.5	26.75	12	DDKK240*215*85
250	225	85	240	246	15	31.5	26.75	12	DDKK250*225*85
255	230	85	245	251	15	31.5	26.75	12	DDKK255*230*85
270	245	85	260	266	15	31.5	26.75	12	DDKK270*245*85
275	250	85	265	271	15	31.5	26.75	12	DDKK275*250*85
280	255	85	270	276	15	31.5	26.75	12	DDKK280*255*85



D	d	b	d ₂	d ₃	a	c	f	e	Order No.
290	265	85	280	286	15	31.5	26.75	12	DDKK290*265*85
300	275	85	290	296	15	31.5	26.75	12	DDKK300*275*85
310	280	80	298	304	8.5	36.5	21.75	15	DDKK310*280*80
320	290	80	308	314	8.5	36.5	21.75	15	DDKK320*290*80
330	300	80	318	324	8.5	36.5	21.75	15	DDKK330*300*80
340	310	80	328	334	8.5	36.5	21.75	15	DDKK340*310*80
350	320	80	338	344	8.5	36.5	21.75	15	DDKK350*320*80
360	330	80	348	354	8.5	36.5	21.75	15	DDKK360*330*80
380	350	80	368	374	8.5	36.5	21.75	15	DDKK380*350*80
400	370	80	388	394	8.5	36.5	21.75	15	DDKK400*370*80
420	390	80	408	414	8.5	36.5	21.75	15	DDKK420*390*80
450	420	80	438	444	8.5	36.5	21.75	15	DDKK450*420*80