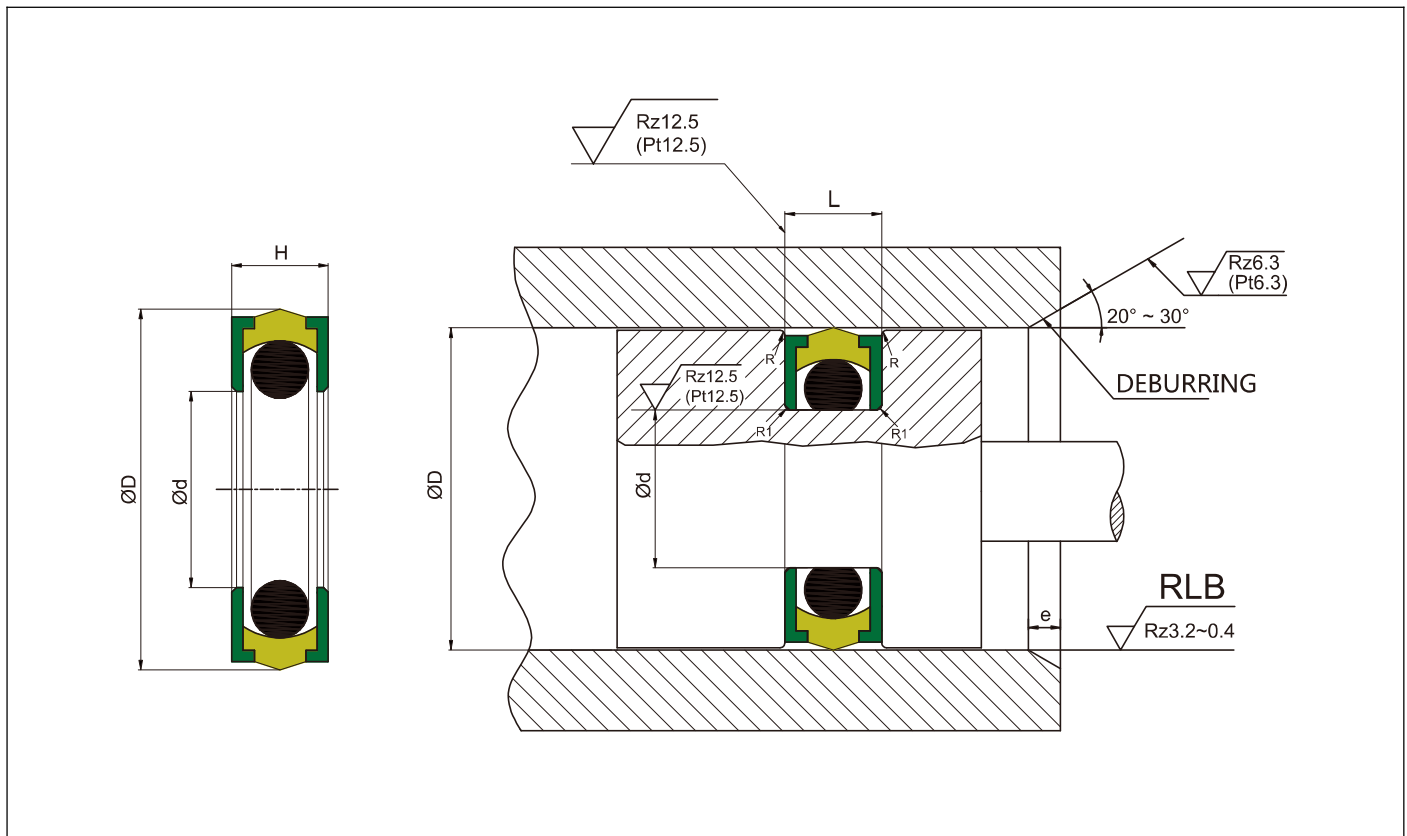




OA

1. Installation Recommendation



2. Installation Sizes

Bore Diameter	Groove Diameter	Seal Width	Groove Width	Guide Clearance S max	
D H9	d e8	H	L+0.2	0-10MPa	15-36MPa
50-124	D-16	7.5	8	0.45-0.35	0.35-0.30
125-199	D-20	9.5	10	0.55-0.45	0.45-0.35
200-600	D-26	12.5	13	0.60-0.55	0.55-0.45

3. Application and properties

Applicable to construction machinery, building machinery and automotive equipment and other industrial fields. Consisting of a sealing ring, a O-ring and two retaining rings, the sealing surface profile is specially designed to accommodate high pressure and low speed, the design of the back of the seal ring increases the contact surface and prevents rotation with the rod or shaft. Low friction, non viscous phenomenon, simple groove, good abrasion resistance and dimensional stability.

4. Standard materials

Sealing ring: filled PTFE

O-Ring: NBR / FKM

Back-up ring: POM / PA



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5. Working Conditions

Working Conditions				
Diameter Range	Pressure Range	Temperature Range	Speed	Medium
3 - 1600mm	0 - 36MPa	-36°C +100°C	0.5 m/s	hydraulic oil, flame retardant liquid, water and others

6. Installation Dimensions

d e8	D H9	H	L	e	Order No.
50	34	7.5	8	7	OA50*34*7.5
56	40	7.5	8	7	OA56*40*7.5
63	47	7.5	8	7	OA63*47*7.5
70	54	7.5	8	7	OA70*54*7.5
80	64	7.5	8	7	OA80*64*7.5
90	74	7.5	8	7	OA90*74*7.5
95	79	7.5	8	7	OA95*79*7.5
100	84	7.5	8	10	OA100*84*7.5
110	94	7.5	8	10	OA110*94*7.5
115	99	7.5	8	10	OA115*99*7.5
120	104	7.5	8	10	OA120*104*7.5
125	105	9.5	10	10	OA125*105*9.5
130	110	9.5	10	10	OA130*110*9.5
140	120	9.5	10	10	OA140*120*9.5
150	130	9.5	10	10	OA150*130*9.5
160	140	9.5	10	10	OA160*140*9.5
180	160	9.5	10	10	OA180*160*9.5
190	170	9.5	10	10	OA190*170*9.5
200	174	12.5	10	12	OA200*174*12.5
220	194	12.5	10	12	OA220*194*12.5
225	199	12.5	10	12	OA225*199*12.5
250	224	12.5	10	12	OA250*224*12.5
280	254	12.5	10	12	OA280*254*12.5
290	264	12.5	10	12	OA290*264*12.5
300	274	12.5	10	12	OA250*224*12.5
320	294	12.5	10	15	OA280*254*12.5
350	324	12.5	13	15	OA290*264*12.5
380	354	12.5	13	15	OA380*354*12.5
400	374	12.5	13	15	OA400*374*12.5
420	394	12.5	13	15	OA420*394*12.5
450	424	12.5	13	15	OA450*424*12.5
480	454	12.5	13	15	OA480*454*12.5
500	474	12.5	13	15	OA500*474*12.5



OA

d e8	D H9	H	L	e	Order No.
560	534	12.5	13	15	OA560*534*12.5
580	554	12.5	13	15	OA580*554*12.5
600	574	12.5	13	15	OA600*574*12.5