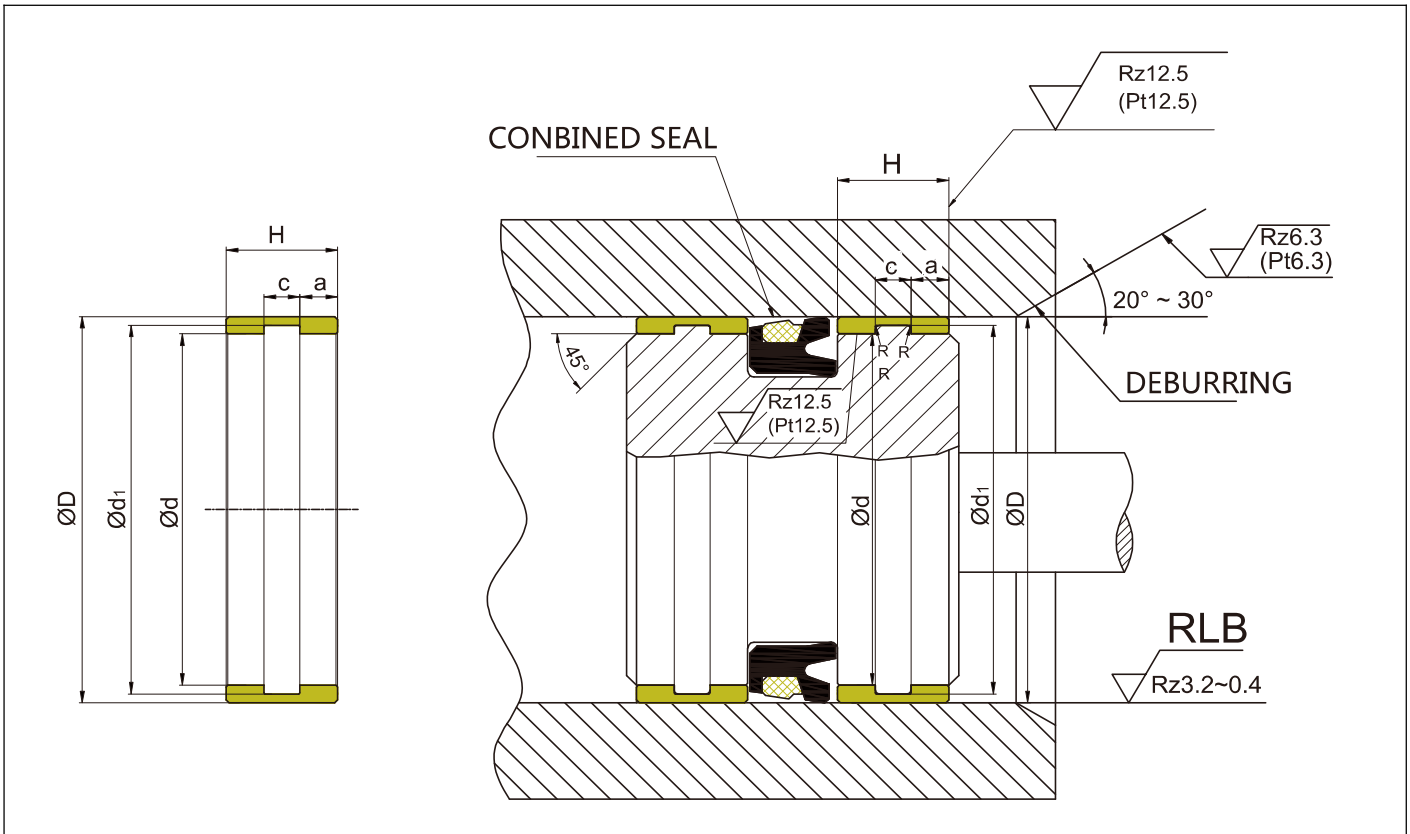




## 1. Installation Recommendation



## 2. Application and properties

Applicable to the guide sleeve of piston rod, can support and guide the piston rod. Excellent vibration reducing performance, installation is simple and secure. The metal and plastic material pairing can prevent the "stagnation" and "seizure" phenomenon.

## 3. Standard materials

Filled PTFE / PA / POM

## 4. Working Conditions

Working Conditions				
Diameter Range	Pressure Range	Temperature Range	Speed	Medium
40 - 1000mm	-	-55°C +225°C	3 m/s	general hydraulic oil, emulsion, water



# DFA

## 5. Installation Dimensions

D	d	D <sub>1</sub>	H	c	a	Order No.
40	32	36	12	3.5	4.7	DFA40*32*12
45	37	41	12	3	4.7	DFA45*37*12
50	42	46	12	3	6.2	DFA50*42*12
55	47	51	12	3	6.2	DFA55*47*12
56	48	52	12	3	6.2	DFA56*48*12
57	49	53	12	3	6.2	DFA57*49*12
58	50	54	12	3	6.2	DFA58*50*12
60	52	56	12	3	6.2	DFA60*52*12
63	55	59	12	3	6.2	DFA63*55*12
65	57	61	12	3	6.2	DFA65*57*12
70	62	66	12	3	6.2	DFA70*62*12
75	67	71	12	3	6.2	DFA75*67*12
80	72	76	14	3	7.2	DFA80*72*14
85	77	81	14	3	7.2	DFA85*77*14
90	82	86	14	3	7.2	DFA90*82*14
95	87	91	14	3	7.2	DFA95*87*14
100	92	96	14	3	7.2	DFA100*92*14
105	97	101	14	3	7.2	DFA105*97*14
110	102	106	14	3	7.2	DFA110*102*14
115	107	111	14	3	7.2	DFA115*107*14
120	112	116	14	3	7.2	DFA120*112*14
125	115	121	17.5	4	9.2	DFA125*115*17.5
130	120	126	17.5	4	4.3	DFA130*120*12.3
135	125	131	17.5	4	9.2	DFA135*125*17.5
140	130	136	17.5	4	9.2	DFA140*130*17.5
145	135	141	17.5	4	9.2	DFA145*135*17.5
150	140	146	17.5	4	9.2	DFA150*140*17.5
155	145	151	17.5	4	9.2	DFA155*145*17.5
160	150	156	17.5	4	9.2	DFA160*150*17.5
170	160	166	20	6	9.2	DFA170*160*20
180	170	176	20	6	9.2	DFA180*170*20
190	180	186	20	4.5	11.7	DFA190*180*20
200	190	196	20	4.5	11.7	DFA200*190*20
210	200	206	25	8	11.7	DFA210*200*25
220	210	216	25	8	11.7	DFA220*210*25
225	215	221	25	8	11.7	DFA225*215*25
230	220	226	25	8	11.7	DFA230*220*25
250	240	246	33	15	11.7	DFA250*240*33
265	255	261	33	15	11.7	DFA265*255*33



# DFA

d	D	D <sub>1</sub>	H	c	a	Order No.
280	270	276	33	15	11.7	DFA280*270*33
300	290	296	33	15	11.7	DFA300*290*33
350	338	344	35	8.5	13.25	DFA350*338*35
400	388	394	35	8.5	13.25	DFA400*388*35
450	438	444	35	8.5	13.25	DFA450*438*35
500	488	494	35	8.5	13.25	DFA500*488*35
560	548	554	35	8.5	13.25	DFA560*548*35
600	588	594	35	8.5	13.25	DFA600*588*35
650	638	644	35	8.5	13.25	DFA650*638*35
700	688	694	35	8.5	13.25	DFA700*688*35
800	788	794	35	8.5	13.25	DFA800*788*35
1000	988	994	35	8.5	13.25	DFA1000*988*35