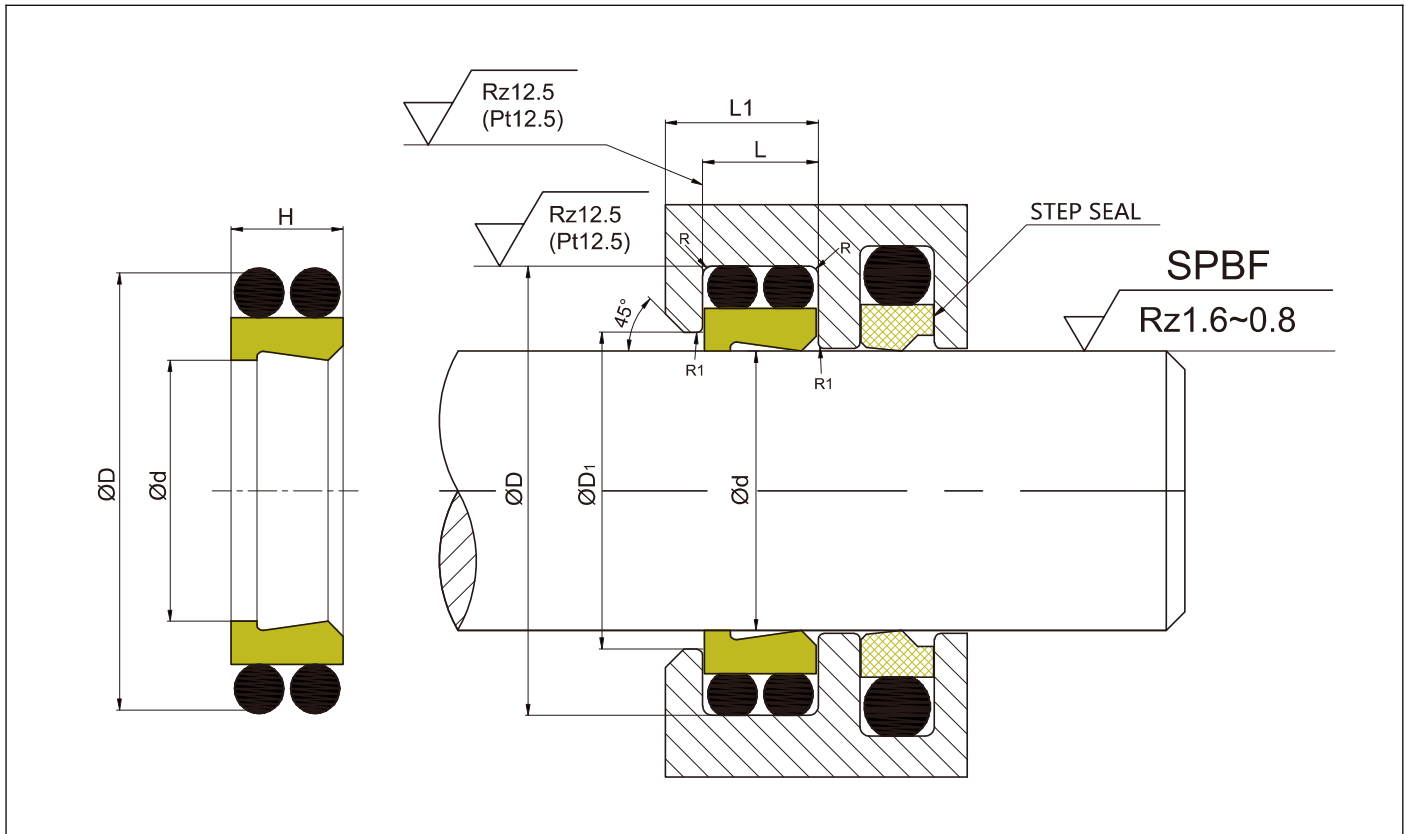




DPT 1

1. Installation Recommendation



2. Installation Sizes

Rod Diameter	Groove Diameter	Groove Width	Bore Diameter	Radius	Step Width
d f8/h9	D H9	L+0.2	D ₁ ±0.1	R	a
20-39.9	d+7.6	4.2	d+1.0	0.4	3.0
40-69.9	d+8.8	6.3	d+1.5	1.0	3.0
70-139.9	d+12.2	8.1	d+2.0	1.2	4.0
140-399.9	d+16.0	11.5	d+2.0	2.0	5.0
400-649.9	d+24.0	15.5	d+2.5	2.5	8.0
650-999.9	d+27.3	18.0	d+2.5	2.5	10.0

3. Application and properties

For a wide range of applications, such as agricultural machinery, injection molding machines, forklifts, cranes and so on. Consisting of a sealing ring and two O-Rings for improving overall tightness, low friction, non stick slip phenomenon, good adjustment and positioning ability, high reliability, accepting the full load of work pressure in a short time.

4. Standard materials

Sealing ring: filled PTFE / PU

O-Ring: NBR / FKM



DPT 1

5. Working Conditions

Working Conditions				
Diameter Range	Pressure Range	Temperature Range	Speed	Medium
3 - 1600mm	-	-30°C +200°C	5 m/s	hydraulic oil, flame retardant liquid, water and others

6. Installation Dimensions

d f8	D H9	H	L+0.2	Order No.
20	27.6	4.0	4.2	DPT1-20*27.6*4.2
25	32.6	4.0	4.2	DPT1-25*32.6*4.2
28	35.6	4.0	4.2	DPT1-28*35.6*4.2
30	37.6	4.0	4.2	DPT1-30*37.6*4.2
32	39.6	4.0	4.2	DPT1-32*39.6*4.2
35	42.6	4.0	4.2	DPT1-35*42.6*4.2
36	43.6	4.0	4.2	DPT1-36*43.6*4.2
40	48.8	6.0	6.3	DPT1-40*48.8*6.3
42	50.8	6.0	6.3	DPT1-42*50.8*6.3
45	53.8	6.0	6.3	DPT1-45*53.8*6.3
50	58.8	6.0	6.3	DPT1-50*58.8*6.3
55	63.8	6.0	6.3	DPT1-55*63.8*6.3
56	64.8	6.0	6.3	DPT1-56*64.8*6.3
60	68.8	6.0	6.3	DPT1-60*68.8*6.3
63	71.8	6.0	6.3	DPT1-63*71.8*6.3
65	73.8	6.0	6.3	DPT1-65*73.8*6.3
70	82.2	7.7	8.1	DPT1-70*82.2*8.1
75	87.2	7.7	8.1	DPT1-75*87.2*8.1
80	92.2	7.7	8.1	DPT1-80*92.2*8.1
85	97.2	7.7	8.1	DPT1-85*97.2*8.1
90	102.2	7.7	8.1	DPT1-90*102*8.1
95	107.2	7.7	8.1	DPT1-95*107*8.1
100	112.2	7.7	8.1	DPT1-100*112*8.1
105	117.2	7.7	8.1	DPT1-105*117*8.1
110	122.2	7.7	8.1	DPT1-110*122*8.1
115	127.2	7.7	8.1	DPT1-115*127*8.1
120	132.2	7.7	8.1	DPT1-120*132*8.1
125	137.2	7.7	8.1	DPT1-125*137*8.1
130	142.2	7.7	8.1	DPT1-130*142*8.1
135	147.2	7.7	8.1	DPT1-135*147*8.1
140	156	11	11.5	DPT1-140*156*11.5
145	161	11	11.5	DPT1-145*161*11.5
150	166	11	11.5	DPT1-150*166*11.5



DPT 1

d f8	D H9	H	L+0.2	Order No.
155	171	11	11.5	DPT1-155*171*11.5
160	176	11	11.5	DPT1-160*176*11.5
165	181	11	11.5	DPT1-165*181*11.5
170	186	11	11.5	DPT1-170*186*11.5
175	191	11	11.5	DPT1-175*191*11.5
180	196	11	11.5	DPT1-180*196*11.5
190	206	11	11.5	DPT1-190*206*11.5
200	216	11	11.5	DPT1-200*216*11.5
210	226	11	11.5	DPT1-210*226*11.5
220	236	11	11.5	DPT1-220*236*11.5
230	246	11	11.5	DPT1-230*246*11.5
240	256	11	11.5	DPT1-240*256*11.5
250	266	11	11.5	DPT1-250*266*11.5
260	276	11	11.5	DPT1-260*276*11.5
265	281	11	11.5	DPT1-265*281*11.5
270	286	11	11.5	DPT1-270*286*11.5
280	296	11	11.5	DPT1-280*296*11.5
290	306	11	11.5	DPT1-290*306*11.5
300	316	11	11.5	DPT1-300*316*11.5
330	346	11	11.5	DPT1-330*346*11.5
350	366	11	11.5	DPT1-350*366*11.5
370	386	11	11.5	DPT1-370*386*11.5
380	396	11	11.5	DPT1-380*396*11.5
400	424	14.8	15.5	DPT1-400*416*11.5
420	444	14.8	15.5	DPT1-420*444*15.5
450	474	14.8	15.5	DPT1-450*474*15.5
470	494	14.8	15.5	DPT1-470*494*15.5
480	504	14.8	15.5	DPT1-480*504*15.5
500	524	14.8	15.5	DPT1-500*524*15.5
520	544	14.8	15.5	DPT1-520*544*15.5
550	574	14.8	15.5	DPT1-550*574*15.5
585	609	14.8	15.5	DPT1-585*609*15.5
600	624	14.8	15.5	DPT1-600*624*15.5
620	644	14.8	15.5	DPT1-620*644*15.5
635	659	14.8	15.5	DPT1-635*659*15.5
675	702.3	17.2	18	DPT1-675*702*18
690	717.3	17.2	18	DPT1-690*717*18
700	727.3	17.2	18	DPT1-700*727*18
710	737.3	17.2	18	DPT1-710*737*18



DPT 1

d f8	D H9	H	L+0.2	Order No.
750	777.3	17.2	18	DPT1-750*777*18
780	807.3	17.2	18	DPT1-780*807*18
800	827.3	17.2	18	DPT1-800*827*18
810	837.3	17.2	18	DPT1-810*837*18
820	847.3	17.2	18	DPT1-820*847*18
830	857.3	17.2	18	DPT1-830*857*18
850	877.3	17.2	18	DPT1-850*877*18
870	897.3	17.2	18	DPT1-870*897*18
880	907.3	17.2	18	DPT1-880*907*18
890	917.3	17.2	18	DPT1-890*917*18
900	927.3	17.2	18	DPT1-900*927*18
910	937.3	17.2	18	DPT1-910*937*18