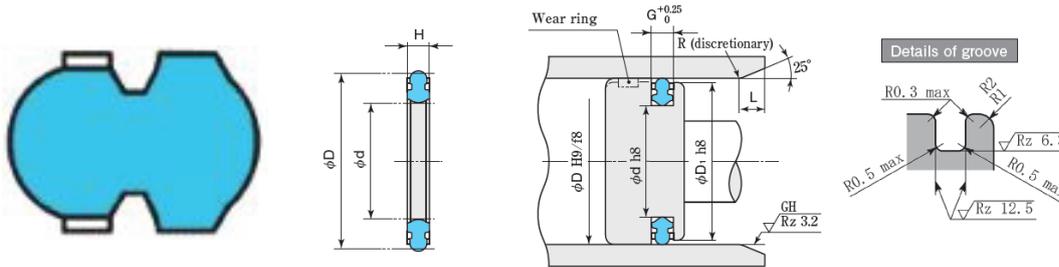


# PSD-Packings (Piston packings)

## Profiles (Left Section)



## Service Range

Standard Material			
Material Codes	Pressure MPa {kgf/cm <sup>2</sup> }	Max. speed (m/s)	Temperature range (°C)
NBR(RN729) FKM[RF704]	1 {10}	1	-20~80 [-5~150]

Material codes \* The range with [ ] refers FKM materials

## Characteristics

PSD-Packings are compact double acting piston packings comparing with O-rings, PSD-Packings provide outstanding friction properties.

PSD-Packings are designed to solve twisting or rolling problem of O-rings, in addition to their excellent friction property.

## Characteristics

- The material of PSD packing has changed from NBR (RN713) to NBR (RN729), but other materials are also available. Please contact us individually.
- Consider adopting split grooves if one-piece groove is technically adverse.
- φD H9/f8 would be modified according to the variation of the bearing structure. For applications installed in combination with wear rings, refer to the dimension table of the applicable wear rings.

## Dimension Table

Wipers & Groove dimensions (Unit : mm)						Part No.	
d	D	H	G	D1	L	Standard (RN729)	High temperature-resistant
10	5.4	1.6	1.8	9.7	1	PSD-10K	PSD-10F
12	7.4	1.6	1.8	11.7	1	PSD-12K	PSD-12F
15	10.4	1.6	1.8	14.7	1	PSD-15K	PSD-15F
16	11.4	1.6	1.8	15.7	1	PSD-16K	PSD-16F
20	14	2.24	2.4	19.5	1.5	PSD-20K	PSD-20F
25	17	3	3.2	24.5	2	PSD-25K	PSD-25F
30	22	3	3.2	29.5	2	PSD-30K	PSD-30F
32	24	3	3.2	31.5	2	PSD-32K	PSD-32F
38	30	3	3.2	37.5	2	PSD-38K	
40	32	3	3.2	39.5	2	PSD-40K	PSD-40F
44	36	3	3.2	43.5	2	PSD-44K	PSD-44A-4F
50	40	3.8	4	49.5	2.5	PSD-50K	PSD-50F
56	46	3.8	4	55.5	2.5	PSD-56K	
60	50	3.8	4	59.5	2.5	PSD-60K	PSD-60A-5F
63	53	3.8	4	62.4	2.5	PSD-63K	PSD-63F
70	55	5.6	6	69.4	3	PSD-70K	PSD-70A-3F
75	60	5.6	6	74.4	3	PSD-75K	
80	65	5.6	6	79.4	3	PSD-80K	PSD-80F
85	70	5.6	6	84.4	3	PSD-85K	
90	75	5.6	6	89.4	3	PSD-90K	
95	80	5.6	6	94.4	3	PSD-95K	
100	85	5.6	6	99.4	3	PSD-100K	PSD-100F
110	95	5.6	6	109.4	3	PSD-110K	
120	105	5.6	6	119.3	3.5	PSD-120K	
125	110	5.6	6	124.3	3.5	PSD-125K	PSD-125F
140	125	5.6	6	139.3	3.5	PSD-140K	PSD-140F
150	135	7.6	6	149.3	3.5	PSD-150K	
160	140	7.6	8	159.3	5	PSD-160K	PSD-160F
180	160	7.6	8	179.3	5	PSD-180K	PSD-180F
200	180	7.6	8	199	5	PSD-200K	PSD-200A-4F
230	210	7.6	8	229	5	PSD-230K	
250	230	7.6	8	249	5	PSD-250K	
300	280	7.6	8	299	5	PSD-300K	