



KDPI piston T-seal combines a resilient sealing ring with a hard split back-up ring on each side of the sealing element

Its compact design provides improved stability and extrusion resistance in dynamic fluid sealing applications. The flange or base of the T-seal forms a tight seal in the gland and supports the anti-extrusion back-up rings.

The Piston T-seal **eliminates** the spiral or twisting failure that can occur when O-rings are used against a dynamic surface.

Operating conditions

Pressure	≤ 35 MPa
Temperature	-35°C to 100°C
Speed	≤ 0,5 m/s

Materials

Seal ①	NBR1970
Anti-extrusion rings ②	POM

Assembly

On one-piece pistons

Advantages

Compact design
High extrusion resistance
Easy to fit
Double acting
No twisting

Please contact us for applications approaching maximum values.

D	d	L	Reference
22,22	16,05	4,7	KDPI-0875
25,4	19,25	4,7	KDPI-1000
28,57	22,43	4,7	KDPI-1125
31,75	25,6	4,7	KDPI-1250
34,92	28,78	4,7	KDPI-1375
38,1	31,95	4,7	KDPI-1500
41,27	35,13	4,7	KDPI-1625
44,45	38,3	4,7	KDPI-1750
47,62	38,21	7,11	KDPI-1875
50,8	41,38	7,11	KDPI-2000
53,97	44,55	7,11	KDPI-2125
57,15	47,73	7,11	KDPI-2250
60,32	50,91	7,11	KDPI-2375
63,5	54,08	7,11	KDPI-2500
66,67	57,25	7,11	KDPI-2625
69,85	60,43	7,11	KDPI-2750
73,02	63,63	7,11	KDPI-2875
76,2	66,78	7,11	KDPI-3000
79,37	69,96	7,11	KDPI-3125
82,55	73,15	7,11	KDPI-3250
88,9	79,48	7,11	KDPI-3500
92,07	82,66	7,11	KDPI-3625
95,25	85,83	7,11	KDPI-3750
98,42	89,01	7,11	KDPI-3875
101,6	92,18	7,11	KDPI-4000
104,77	95,36	7,11	KDPI-4125
107,95	98,53	7,11	KDPI-4250

D	d	L	Reference
111,12	101,71	7,11	KDPI-4375
114,3	104,88	7,11	KDPI-4500
120,65	111,23	7,11	KDPI-4750
123,82	114,41	7,11	KDPI-4875
127	117,65	7,11	KDPI-5000
130,17	118,16	9,3	KDPI-5125
133,35	121,34	9,3	KDPI-5250
139,7	127,69	9,3	KDPI-5500
146,05	134,04	9,3	KDPI-5750
149,23	137,21	9,3	KDPI-5875
152,4	140,39	9,3	KDPI-6000
158,75	146,74	9,3	KDPI-6250
165,1	153,11	9,3	KDPI-6500
177,8	165,81	9,3	KDPI-7000
190,5	178,51	9,3	KDPI-7500
203,2	191,21	9,3	KDPI-8000
209,55	197,56	9,3	KDPI-8250
215,9	203,89	9,3	KDPI-8500
228,6	216,61	9,3	KDPI-9000
241,3	229,31	9,3	KDPI-9500
254	242,01	9,3	KDPI-10000
266,7	254,71	9,3	KDPI-10500
279,4	267,41	9,3	KDPI-11000
292,1	280,04	9,3	KDPI-11500
304,8	292,81	9,3	KDPI-12000