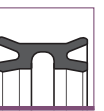


PMZ

NBR pneumatic piston seal



PMZ pneumatic piston seal is a double U-ring with an integral guiding surface for double-acting pistons.

Operating conditions

Pressure	≤ 1,6 MPa
Temperature	-30°C to +80°C
Speed	≤ 1 m/s

Materials

Standard	NBR 75 Sh A
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Assembly

Sharp edges should be removed from around the housing in order to avoid damaging the seal lips during installation. A lead-in chamfer on the tube will ease installation.

Advantages

Multi-functional sealing element with guiding function. However, due to its geometry the sealing element is not suitable for absorption of high radial forces or long strokes.

Prevents metallic contact between the piston and cylinder. Ideal for light-metal and plastic cylinders (ridging).

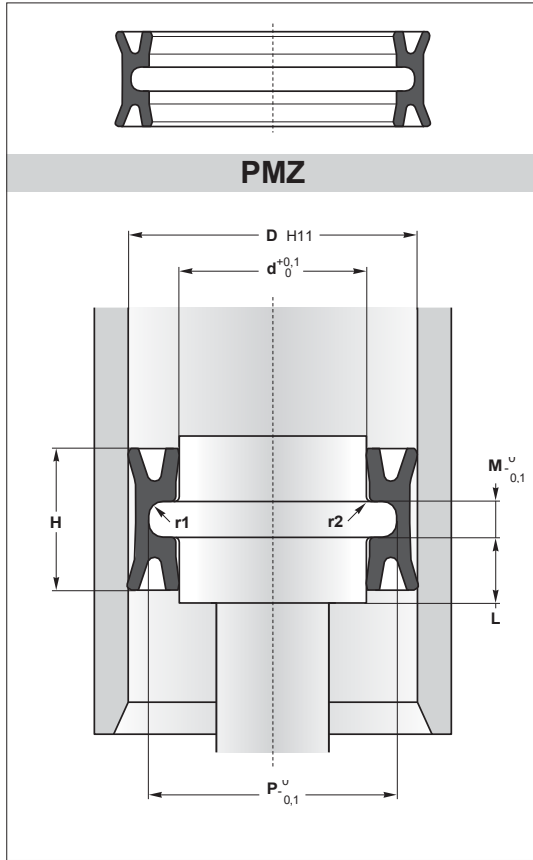
Good wear resistance.

Easier installation.

Assembly on one-part piston is possible.

Installation in open housings with retaining collar.

Please contact us for applications approaching maximum values.



D	d	H	P	M	L	r1	r2	Reference
16	10	10,5	13,5	3	4,5	0,9	0,2	PMZ-16
20	14	10,5	17,5	3	4,5	0,9	0,2	PMZ-20
25	18	12	22,5	3	5	1,3	0,2	PMZ-25
28	21	10,5	25,5	3	4,5	1,3	0,2	PMZ-28
30	23	12	27,5	3	5	1,3	0,2	PMZ-30
32	25	12	29,5	3	5	1,3	0,2	PMZ-32
40	33	12	37,5	3	5	1,3	0,2	PMZ-40
45	38	12	42,5	3	5	1,3	0,2	PMZ-45
50	43	12	47,5	3	5	1,3	0,2	PMZ-50
63	53	17	60	5	7	1,6	0,3	PMZ-63
63	56	12	60,5	3	5	1,6	0,3	PMZ-63-1
70	62	13	67,5	4	5,5	1,6	0,3	PMZ-70
80	70	18	77	6	7	1,6	0,3	PMZ-80
80	72	13	77,4	4	5,5	1,6	0,3	PMZ-80-1
100	88	21	96,5	8	7,5	1,6	0,4	PMZ-100
100	90	16	97	4	7	1,6	0,3	PMZ-100-1
125	113	15	122	5	6	1,6	0,4	PMZ-125
125	113	21	121,5	8	7,5	1,6	0,4	PMZ-125-1
140	128	21	136,5	8	7,5	1,6	0,4	PMZ-140
160	145	26	155,5	10	9,5	1,6	0,4	PMZ-160