



PDT double-acting is a complete pneumatic piston with a double cup seal and a vulcanised metal disc support. It is generally used in pneumatic applications, in single and double acting cylinders.

Operating conditions

Pressure ≤ 1,6 MPa
 Temperature -30°C to +100°C
 Speed ≤ 1 m/s

Materials

Standard NBR 80 Sh A

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

- Smooth running due to optimum adjustment of the functional lips.
- Immediate response (full pressure load) thanks to incorporated venting channels.
- Easy attachment to the piston rod without additional sealing elements.
- Easy installation due to integrated static sealing function.

Please contact us for applications approaching maximum values.

D	d	H	E	D1	Reference
20	5,2	8	1	12,2	PDT-020
25	8	12	3,8	14	PDT-025
32	8	15	3,8	14	PDT-032
35	8	15	3	19	PDT-035
40	10	18	4,8	20	PDT-040
50	10	18	4,8	20	PDT-050
60	12	22	5	37	PDT-060
63	12	22	6	40	PDT-063
63	16	22	6	40	PDT-063-1
63	14	22	6	40	PDT-063-2
65	12	25	5	40	PDT-065
70	12	22	6	47	PDT-070
80	16	24	6	55	PDT-080
80	12	25	6	55	PDT-080-1
80	14	25	6	55	PDT-080-2
80	20	22,5	6	55	PDT-080-3
90	12	25	6	65	PDT-090
100	20	26	9	74	PDT-100
100	18	25	9	75	PDT-100-1
110	12	25	9	75	PDT-110
125	20	26	9	90	PDT-125
125	18	30	9	90	PDT-125-1
140	20	30	10	95	PDT-140
150	20	30	10	105	PDT-150
160	27	30	11	115	PDT-160
180	27	31	10	135	PDT-180
200	27	35	11	150	PDT-200
250	30	35	12	200	PDT-250
320	36	40	15	278,5	PDT-320
400	40	50	20	320	PDT-400