


Descrizione prodotto

Tenuta meccanica bidirezionale a molla singola cilindrica, non bilanciata con soffietto elastomerico, è adatta per macchine in servizi comuni a basse e medie pressioni; realizzata a norma UNI EN 12756 (ex DIN 24960) in diverse combinazioni di materiali è disponibile sia con anelli stazionari con cuffia, che con O-ring.

Description

Cylindrical spring mechanical seal, unbalanced, independent of direction of rotation, provided with an elastomeric bellows, it is suitable for general services machineries at low and medium pressure. It can be also manufactured in accordance to UNI EN 12756 (ex DIN 24960) standard and it is available in different materials. The stationary rings are available both with cap and O-ring.

Materiale facce di contatto standard / Face materials

Carburo di silicio / Silicon Carbide
 Carburo di tungsteno / Tungsten carbide
 Grafite antimonio / Carbon graphite antimony
 Grafite resina / Carbon graphite resin
 Ossido di allumina / Al-Oxide

Materiale parti elastometriche / Elastomers

FKM / Viton
 EPDM / Ethylene propylene
 NBR / Nitrile

Limiti d'impiego / Operating limits

d = 14 - 100mm (0.55" to 4")
 P1 = 12 bar (up to 175 PSI)
 t = - 40 a + 180 °C (- 4 °F to 356 °F)
 v = 15 m / s (up to 50 ft / s)
 Vuoto = max 0.5 bar (vacuum up to 7.25 PSI)
 Movimento assiale / Axial movement + / - 0.5 mm

# Comp.	# Comp.
1 Rubber	6 Stat. Ring
2 Compr. Ring	7 Cuff
3 Spring	
4 Rotary Case	
5 Rotary Ring	

Applicazioni / Recommended applications

Acque bianche e acque grigie / Water and sewage water pumps
 Industria di processo / Process industry
 Industria alimentare / Food and beverage industry
 Pompe centrifughe / Centrifugal pumps
 Pompe Marine / Marine pumps
 Pompe motori / Engine pumps
 Pompe domestiche e da giardino / Domestic and garden pumps
 Pompe per piscine / Swimming pool pumps
 Pompe per lavastoviglie / Dishwasher pumps
 Basso contenuto di solidi / Low solids content

La configurazione del disegno è MTM40+S10
 The drawing configuration is MTM40+S10

Dimensioni / Dimensions (mm)
MTM41

d h6	D1	D2 H11	D3 H8	D6 H8	D12 H11	L3	L5	L23	L24	L25
10	23,0	17	21	24,60	11,0	8,6	9,0	1,5	25,5	4
12	24,0	19	23	27,80	13,5	8,6	9,0	1,5	25,4	4
14	26,7	21	25	30,95	17,0	8,6	10,5	1,5	25,4	4
16	26,7	23	27	30,95	17,0	8,6	10,5	1,5	25,4	4
18	31,2	27	33	34,15	20,0	10	10,5	2,0	25,4	5
20	33,5	29	35	35,70	21,5	10	10,5	2,0	25,4	5
22	33,5	31	37	37,30	23,0	10	10,5	2,0	25,4	5
24	39,2	33	39	40,50	26,5	10	10,5	2,0	25,4	5
25	39,3	34	40	40,50	26,5	10	10,5	2,0	25,4	5
28	46,5	37	43	47,65	29,5	10	10,5	2,0	33,3	5
30	49,5	39	45	50,80	32,5	10	12,0	2,0	33,3	5
32	49,5	42	48	50,80	32,5	10	12,0	2,0	33,3	5
35	52,7	44	50	54,00	36,5	10	12,0	2,0	33,3	5
38	56,0	49	56	57,15	39,5	11	12,0	2,0	33,3	6
40	62,2	51	58	60,35	42,5	11	12,0	2,0	33,3	6
45	66,0	56	63	63,50	46,0	11	12,0	2,0	40,4	6
48	66,7	59	66	66,70	49,0	11	12,0	2,0	40,4	6
50	71,7	62	70	69,85	52,0	13	13,5	2,5	40,4	6
55	78,5	67	75	76,20	55,5	13	13,5	2,5	41,0	6
58	82,0	70	78	79,40	58,5	13	13,5	2,5	41,0	6
60	82,0	72	80	79,40	61,5	13	13,5	2,5	41,0	6
63	85,0	75	83	79,40	61,5	13	13,5	2,5	41,0	7
65	88,5	77	85	92,10	68,0	15,3	16,0	2,5	49,0	7
70	92,7	83	92	95,25	71,0	15,3	16,0	2,5	49,0	7
75	102,0	88	97	101,6	77,5	15,3	16,0	2,5	49,0	7

MTM44

d h6	D1	D2 H11	D3 H8	D6 H8	D12 H11	L3	L5	L23	L24	L25
10	20	17	21	24,60	11,0	8,6	9,0	1,5	25,5	4
12	22	19	23	27,80	13,5	8,6	9,0	1,5	25,5	4
14	24	21	25	30,95	17,0	8,6	10,5	1,5	28	4
16	26	23	27	30,95	17,0	8,6	10,5	1,5	28	4
18	32	27	33	34,15	20,0	10	10,5	2,0	27,5	5
20	34	29	35	35,70	21,5	10	10,5	2,0	27,5	5
22	36	31	37	37,30	23,0	10	10,5	2,0	27,5	5
24	38	33	39	40,50	26,5	10	10,5	2,0	30	5
25	39	34	40	40,50	26,5	10	10,5	2,0	30	5
28	42	37	43	47,65	29,5	10	10,5	2,0	32,5	5
30	44	39	45	50,80	32,5	10	12,0	2,0	32,5	5
32	46	42	48	50,80	32,5	10	12,0	2,0	32,5	5
35	49	44	50	54,00	36,5	10	12,0	2,0	32,5	5
38	54	49	56	57,15	39,5	11	12,0	2,0	34	6
40	56	51	58	60,35	42,5	11	12,0	2,0	34	6
43	59	54	61	63,50	46,0	11	12,0	2,0	34	6
45	61	56	63	63,50	46,0	11	12,0	2,0	34	6
48	64	59	66	66,70	49,0	11	12,0	2,0	34	6
50	66	62	70	69,85	52,0	13	13,5	2,5	34,5	6
55	71	67	75	76,20	55,5	13	13,5	2,5	34,5	6
58	78	70	78	79,40	58,5	13	13,5	2,5	39,5	6
60	78	72	80	79,40	61,5	13	13,5	2,5	39,5	6
63	81	75	83	79,40	61,5	13	13,5	2,5	39,5	7
65	84	77	85	92,10	68,0	15,3	16,0	2,5	39,5	7
68	89	81	90	95,25	71,0	15,3	16,0	2,5	37,2	7
70	89	83	92	95,25	71,0	15,3	16,0	2,5	37,2	7
75	96	88	97	101,6	77,5	15,3	16,0	2,5	44,7	7
80	104	95	105	114,30	84,0	15,7	20,0	3,0	44,3	7
85	107	100	110	117,50	87,0	15,7	20,0	3,0	44,3	7
90	111	105	115	123,85	93,5	15,7	20,0	3,0	49,3	7
95	119	110	120	127,00	96,5	15,7	20,0	3,0	49,3	7
100	124	115	125	133,35	103	15,7	20,0	3,0	49,3	7

Le dimensioni potrebbero essere soggette a modifiche o varianti da parte di Microtem. *Dimensions could be subject to change from Microtem.*