

# MA5

## OPIS

Tip MA5 je zelo podoben tipu MA1 vendar ima na dinamični strani dvojni tesnilni ustnici, ki:

- Ustvarjajo dovolj oljnega filma med prvo in drugo ustnico tako, da tesnilo lažje drsi po površini, ki jo tesni
- Preprečujejo nečistočo iz zunanosti
- Delujejo kot stabilizator
- Preprečujejo skrčitev materiala pri nizkih temperaturah

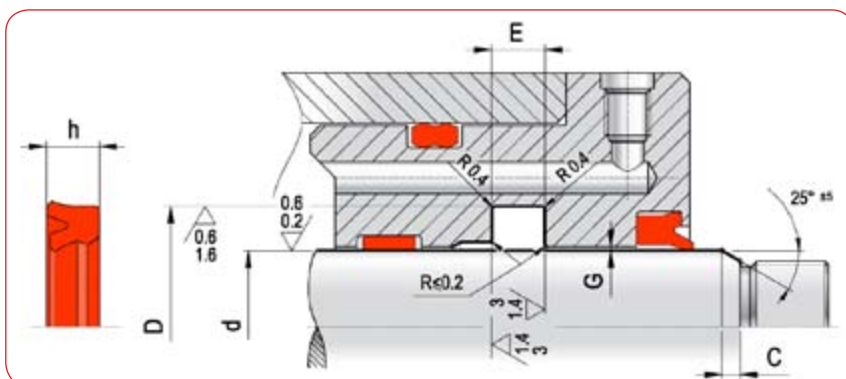
## TEHNIČNI PODATKI

Pritisk: do 400 BAR, pri temperaturi 60 °C.

Hitrost: do 0.5 m/s

Temperatura: od -35 °C do +100 °C, z višji do 110 °C.

Tekočine: mineralne hidravlične tekočine (več pod Materiali)



## MATERIAL

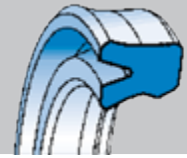
Tesnilo je izdelano iz poliuretana z visokim elastičnim modulom, nizko stopnjo stisljivosti in visoko obrabno (abrazijsko) obstojnostjo. Trdota je 93 shore-ov A ± 2.

## VGRADNJA

Pred vgradnjo vedno očistite umazanijo, ostružke, prah in druge nečistoče iz mesta vgradnje – na batu in batnici. Pred samo vgradnjo tesnila preverite ali obstajajo poškodbe na mestih vgradnje, ki bi lahko poškodovale tesnilo. Tesnilo in tesnilne površine moramo pred vgradnjo namastiti s primernim mazivom glede na material tesnila in medij v cilindru.

d	D	h	E	d	D	h	E	d	D	h	E
6,0	14,0	5,7	6,3	25,0	35,0	7,3	8,0	36,0	44,0	6,3	7,0
8,0	16,0	5,7	6,3	28,0	36,0	5,7	6,3	36,0	46,0	7,0	8,0
10,0	18,0	5,7	6,3	28,0	36,0	7,3	8,0	36,0	46,0	7,3	8,0
10,0	20,0	7,0	8,0	28,0	38,0	5,7	6,3	36,0	46,0	8,0	9,0
12,0	19,0	5,0	5,6	28,0	38,0	7,3	8,0	38,0	48,0	8,0	9,0
12,0	20,0	5,7	6,3	28,0	38,0	8,0	9,0	40,0	48,0	5,7	6,3
12,0	22,0	7,0	8,0	28,0	43,0	11,5	12,5	40,0	50,0	6,0	7,0
12,0	22,0	8,0	9,0	30,0	38,0	5,7	6,3	40,0	50,0	7,0	8,0
14,0	20,0	5,8	6,3	30,0	40,0	6,0	7,0	40,0	50,0	7,3	8,0
14,0	21,0	5,0	5,6	30,0	40,0	7,3	8,0	40,0	50,0	10,0	11,0
14,0	22,0	5,7	6,3	30,0	40,0	8,0	9,0	40,0	55,0	10,0	11,0
14,0	24,0	7,3	8,0	32,0	40,0	5,7	6,3	40,0	55,0	11,5	12,5
15,0	23,0	5,7	6,3	32,0	40,0	6,0	7,0	40,0	55,0	9,0	10,0
16,0	24,0	5,7	6,3	32,0	40,0	6,7	7,7	42,0	50,0	8,0	9,0
16,0	26,0	7,3	8,0	32,0	42,0	5,7	6,3	42,0	50,0	11,5	12,5
18,0	25,0	5,0	5,6	32,0	42,0	7,3	8,0	42,0	53,0	9,0	10,0
18,0	26,0	5,7	6,3	35,0	42,0	7,0	8,0	45,0	53,0	5,7	6,3
18,0	28,0	7,3	8,0	35,0	43,0	5,7	6,3	45,0	53,0	10,0	11,0
20,0	28,0	4,3	5,0	35,0	43,0	6,0	7,0	45,0	53,0	11,5	12,5
20,0	28,0	5,7	6,3	35,0	45,0	6,0	7,0	45,0	55,0	5,7	6,3
20,0	30,0	7,3	8,0	35,0	45,0	6,7	7,7	45,0	55,0	6,0	7,0
22,0	29,0	5,0	5,6	35,0	45,0	7,0	8,0	45,0	55,0	7,3	8,0
22,0	30,0	5,5	6,0	35,0	45,0	7,3	8,0	45,0	55,0	11,5	12,5
22,0	32,0	7,3	8,0	35,0	45,0	12,0	13,0	45,0	60,0	11,5	12,5
25,0	33,0	5,7	6,3	35,0	50,0	9,0	10,0	46,0	56,0	10,0	11,0
25,0	33,0	7,3	8,0	36,0	44,0	5,7	6,3	48,0	56,0	11,5	12,5

# MA5



d	D	h	E
48,0	56,0	12,0	13,0
50,0	57,0	7,3	8,0
50,0	57,0	10,0	11,0
50,0	58,0	11,5	12,5
50,0	59,0	10,0	11,0
50,0	60,0	6,0	7,0
50,0	60,0	7,3	8,0
50,0	60,0	10,0	11,0
50,0	65,0	9,0	10,0
50,0	65,0	10,0	11,0
50,0	65,0	11,5	12,5
50,0	70,0	10,0	11,0
50,0	70,0	12,0	13,0
55,0	63,0	11,5	12,5
55,0	65,0	6,0	7,0
55,0	65,0	7,3	8,0
55,0	65,0	8,5	9,5
55,0	65,0	10,0	11,0
55,0	68,0	10,0	11,0
55,0	70,0	9,0	10,0
55,0	75,0	12,0	13,0
56,0	66,0	6,0	7,0
56,0	71,0	9,0	10,0
56,0	71,0	10,0	11,0
56,0	71,0	11,5	12,5
56,0	76,0	15,0	16,0
60,0	68,0	11,5	12,5
60,0	70,0	6,0	7,0
60,0	70,0	7,3	8,0
60,0	70,0	10,0	11,0
60,0	70,0	11,5	12,5
60,0	73,0	10,0	11,0
60,0	75,0	9,0	10,0
60,0	75,0	10,0	11,0
60,0	75,0	11,5	12,5
60,0	80,0	12,0	13,0
63,0	73,0	6,0	7,0
63,0	78,0	10,0	11,0
63,0	78,0	11,5	12,5
63,0	83,0	12,0	13,0
63,0	83,0	15,0	16,0
65,0	73,0	11,5	12,5
65,0	75,0	6,0	7,0
65,0	75,0	7,0	8,0
65,0	75,0	7,3	8,0
65,0	75,0	10,0	11,0
65,0	75,0	12,0	13,0
65,0	78,0	10,0	11,0
65,0	80,0	9,0	10,0
65,0	80,0	11,5	12,5

d	D	h	E
65,0	85,0	12,0	13,0
67,0	75,0	11,5	12,5
67,0	77,0	6,0	7,0
70,0	78,0	11,5	12,5
70,0	80,0	6,0	7,0
70,0	80,0	7,3	8,0
70,0	80,0	11,5	12,5
70,0	83,0	10,0	11,0
70,0	85,0	9,0	10,0
70,0	85,0	10,0	11,0
70,0	85,0	11,5	12,5
70,0	90,0	12,0	13,0
70,0	90,0	15,0	16,0
71,0	81,0	6,0	11,0
71,0	81,0	8,0	9,0
75,0	83,0	7,0	8,0
75,0	83,0	11,5	12,5
75,0	85,0	6,0	7,0
75,0	85,0	10,0	11,0
75,0	85,0	11,5	12,5
75,0	88,0	10,0	11,0
75,0	90,0	9,0	10,0
75,0	90,0	11,5	12,5
75,0	95,0	12,0	13,0
78,0	86,0	11,5	12,5
80,0	88,0	11,5	12,5
80,0	90,0	6,0	7,0
80,0	90,0	7,3	8,0
80,0	90,0	10,0	11,0
80,0	93,0	10,0	11,0
80,0	95,0	9,0	10,0
80,0	95,0	10,0	11,0
80,0	95,0	11,5	12,5
80,0	100,0	12,0	13,0
80,0	100,0	15,0	16,0
85,0	93,0	11,5	12,5
85,0	100,0	9,0	10,0
85,0	100,0	10,0	11,0
85,0	100,0	11,5	12,5
85,0	105,0	12,0	13,0
90,0	98,0	11,5	12,5
90,0	100,0	7,3	8,0
90,0	100,0	11,5	12,5
90,0	105,0	9,0	10,0
90,0	105,0	10,0	11,0
90,0	105,0	11,5	12,5
90,0	110,0	12,0	13,0
90,0	110,0	15,0	16,0
93,0	101,0	11,5	12,5
95,0	103,0	11,5	12,5

d	D	h	E
95,0	105,0	12,0	13,0
95,0	110,0	9,0	10,0
95,0	110,0	10,0	11,0
95,0	115,0	12,0	13,0
95,0	115,0	13,5	14,5
97,0	105,0	11,5	12,5
100,0	108,0	11,5	12,5
100,0	115,0	9,0	10,0
100,0	115,0	10,0	11,0
100,0	120,0	11,8	13,0
100,0	120,0	12,0	13,0
100,0	120,0	15,0	16,0
105,0	113,0	11,5	12,5
105,0	115,0	11,5	12,5
105,0	120,0	9,0	10,0
105,0	120,0	10,0	11,0
105,0	125,0	12,0	13,0
106,0	121,0	9,0	10,0
106,0	121,0	10,0	11,0
110,0	118,0	11,5	12,5
110,0	125,0	9,0	10,0
110,0	125,0	9,6	10,6
110,0	125,0	10,0	11,0
110,0	130,0	10,0	11,0
110,0	130,0	12,0	13,0
110,0	130,0	15,0	16,0
110,0	135,0	19,0	20,0
112,0	127,0	9,0	10,0
112,0	127,0	10,0	11,0
112,0	125,0	9,0	10,0
115,0	123,0	11,5	12,5
115,0	125,0	12,0	13,0
115,0	130,0	9,0	10,0
115,0	135,0	12,0	13,0
118,0	126,0	11,5	12,5
118,0	133,0	9,0	10,0
118,0	133,0	10,0	11,0
120,0	128,0	11,5	12,5
120,0	135,0	9,0	10,0
120,0	140,0	10,0	11,0
120,0	140,0	12,0	13,0
120,0	140,0	15,0	16,0
125,0	133,0	11,5	12,5
125,0	140,0	9,0	10,0
125,0	145,0	12,0	13,0
125,0	145,0	15,0	16,0
125,0	150,0	19,0	20,0
128,0	136,0	11,5	12,5
130,0	145,0	9,0	10,0
130,0	150,0	12,0	13,0

Tesnila batnic  
hidravlična

Tesnila batnic  
pnevmatska

Tesnila batov  
hidravlična

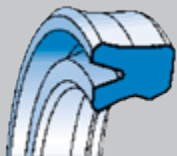
Tesnila batov  
pnevmatska

Posnemala  
hidravlična

Posnemala  
pnevmatska

Statična tesnila

Ostalo



## MA5

d	D	h	E
130,0	150,0	15,0	16,0
135,0	143,0	11,5	12,5
140,0	148,0	11,5	12,5
140,0	155,0	9,0	10,0
140,0	155,0	9,6	10,6
140,0	155,0	10,0	11,0
140,0	160,0	15,0	16,0

d	D	h	E
140,0	165,0	19,0	20,0
143,0	151,0	11,5	12,5
150,0	170,0	12,0	13,0
150,0	170,0	15,0	16,0
152,0	160,0	11,5	12,5
155,0	163,0	11,5	12,5
160,0	168,0	11,5	12,5

d	D	h	E
170,0	180,0	12,0	13,0
170,0	190,0	15,0	16,0
180,0	200,0	15,0	16,0
180,0	205,0	15,0	16,0
200,0	225,0	15,0	16,0

Tesnila batnic  
hidravlična

Tesnila batnic  
pnevmatska

Tesnila batov  
hidravlična

Tesnila batov  
pnevmatska

Posnemala  
hidravlična

Posnemala  
pnevmatska

Statična tesnila

Ostalo