

MAFFS SEALS PVT. LTD.

We seal everything including your confidence

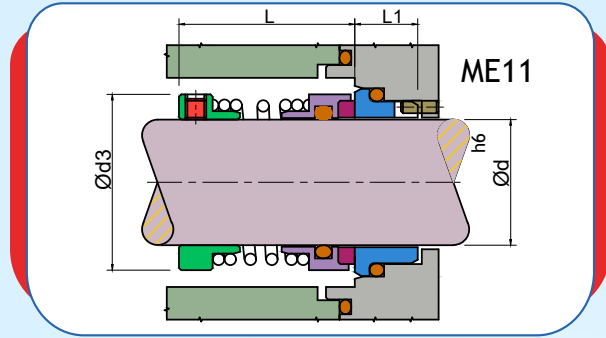


MECHANICAL SEAL & SEAL SUPPORT SYSTEM



SINGLE SPRING - UNBALANCED

MSRU-M3



PRODUCT FEATURES

- Single acting
- Unbalanced
- Inside mounted
- Independent of direction of rotation

APPLICATIONS:

- Refinery Applications
- Oil and Gas Industry
- Petrochemical Industry
- Chemical Industry
- Power Plant

OPERATING RANGE :

- Shaft diameter : 20.0....100.0 mm
- Pressure: 10 bar max.
- Temperature: -40°C....+180°C
- Speed : 20 m/sec.

FACE MATERIALS: (Combination)

- Carbon v/s Silicon Carbide,
Tungsten Carbide

METAL PARTS:

- SS 316 , SS 304

ELASTOMERS:

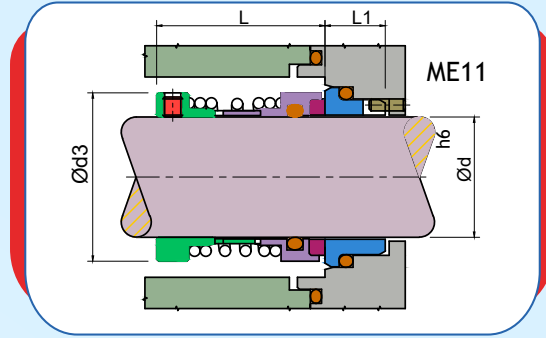
- Viton, EPDM, Aflas, NBR

SIZE mm	Ød	Ød3	L	L1
0020	20.0	35.0	39.0	15.0
0025	25.0	38.5	39.0	15.0
0028	28.0	42.5	41.0	15.0
0030	30.0	44.5	41.0	15.0
0032	32.0	48.0	41.0	15.0
0033	33.0	49.0	41.0	15.0
0035	35.0	50.0	41.0	15.0
0038	38.0	53.0	41.0	16.0
0040	40.0	55.0	41.0	16.0
0043	43.0	56.0	51.0	16.0
0045	45.0	60.0	51.0	16.0
0048	48.0	62.0	56.0	16.0
0050	50.0	66.0	56.0	17.0
0055	55.0	71.0	59.0	17.0
0058	58.0	74.0	59.0	18.0
0060	60.0	78.0	61.0	18.0
0063	63.0	80.0	61.0	18.0
0065	65.0	82.0	67.0	18.0
0068	68.0	83.0	67.0	18.5
0070	70.0	87.0	67.0	19.0
0075	75.0	91.0	72.0	19.0
0080	80.0	100.0	72.0	19.0
0085	85.0	106.0	72.0	19.0
0090	90.0	111.0	72.0	20.5
0095	95.0	116.0	80.0	20.5
0100	100.0	121.0	80.0	20.5

Dimensions for higher sizes available against specific requirement.
All dimensions in mm.

SINGLE SPRING SEALS - UNBALANCED WITH LUG

MSRUL-M3



DETAILS

- Single acting
- Unbalanced
- Inside mounted
- Independent of direction of rotation

APPLICATIONS:

- Refinery Applications
- Oil and Gas Industry
- Petrochemical Industry
- Chemical Industry
- Power Plant

OPERATING RANGE :

- Shaft diameter : 20.0....100.0
- Pressure: 12 bar (g) max.
- Temperature: -40°C....+180°C
- Speed : 20 m/s

FACE MATERIALS: (Combination)

- Carbon v/s Silicon Carbide,
Tungsten Carbide

METAL PARTS:

- SS 316 , SS 304

ELASTOMERS:

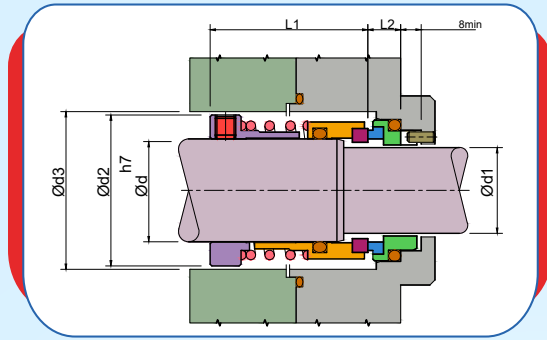
- Viton,EPDM, Aflas, NBR

SIZE mm	Ød	Ød3	L	L1
0020	20.0	35.0	46.0	15.0
0025	25.0	38.5	48.0	15.0
0028	28.0	42.5	48.0	15.0
0030	30.0	44.5	52.0	15.0
0032	32.0	48.0	52.0	15.0
0033	33.0	49.0	52.0	15.0
0035	35.0	50.0	55.0	15.0
0038	38.0	53.0	55.0	16.0
0040	40.0	55.0	55.0	16.0
0043	43.0	56.0	55.0	16.0
0045	45.0	60.0	55.0	16.0
0048	48.0	62.0	58.0	16.0
0050	50.0	66.0	62.0	17.0
0055	55.0	71.0	72.0	17.0
0058	58.0	74.0	72.0	18.0
0060	60.0	78.0	76.0	18.0
0063	63.0	80.0	76.0	18.0
0065	65.0	82.0	76.0	18.0
0068	68.0	83.0	76.0	18.5
0070	70.0	87.0	80.0	19.0
0075	75.0	91.0	80.0	19.0
0080	80.0	100.0	80.0	19.0
0085	85.0	106.0	80.0	19.0
0090	90.0	111.0	80.0	20.5
0095	95.0	116.0	80.0	20.5
0100	100.0	121.0	80.0	20.5

Dimensions for higher sizes available against specific requirement.
All dimensions in mm.

SINGLE SPRING SEALS - BALANCED

MS3B-M4



PRODUCT FEATURES

- Single acting
- Balanced
- Single seal
- Independent of direction of rotation

APPLICATIONS: (Typical Industrial)

- Process Industry
- Oil & Gas Industry
- High viscous media
- Process Pumps

OPERATING CONDITIONS:

- Shaft diameter : 24.0....105.0mm
- Pressure: Vacuum: 12 bar (max)
- Temperature: -20°C....+180°C
- Speed : 20 m/s

FACE MATERIALS:

- Silicon Carbide, Tungsten Carbide

METAL PARTS:

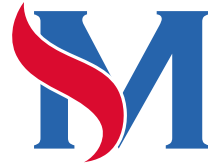
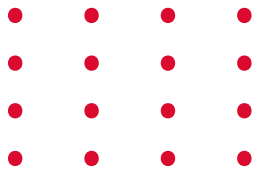
- SS 304, SS 316, Hast-C

ELASTOMERS:

- EPDM, Viton

Ød	Ød1	Ød2	Ød3	L1	L2
24	20	38	40	49	13
26	22	40	42	49	13
28	24	42	44	51	13
30	25	44	46	51	13
33	28	47	49	51	13
35	30	49	51	55	13
38	33	54	58	58	13
40	35	56	60	60	13
43	38	59	63	61	15
45	40	61	65	61	15
48	43	64	68	61	15
50	45	66	70	65	15
53	48	69	73	65	15
55	50	71	75	65	17
58	53	76	83	68	16
60	55	78	85	68	16
63	58	81	88	68	16
65	60	84	90	72	16
68	63	87	93	72	16
70	65	90	95	73	16
75	70	95	104	75	19
80	75	100	109	75	19
85	80	107	114	81	19
90	85	112	119	82	18
95	90	119	124	87	18
100	95	124	129	87	18
105	100	129	134	87	18

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All dimensions in mm.



MAFFS SEALS PVT. LTD.

We seal everything including your confidence



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