

MAFFS SEALS PVT. LTD.

We seal everything including your confidence



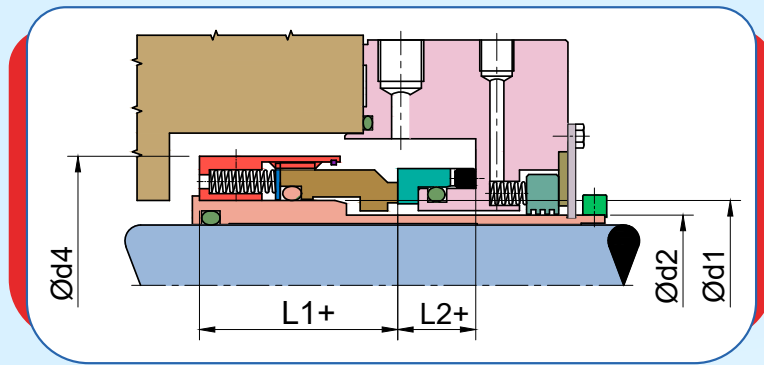
MECHANICAL SEAL & SEAL SUPPORT SYSTEM



API SEALS-TYPE A

ARRANGEMENT-1

MSMCA



DETAILS:

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

APPLICATIONS:

- Petroleum refinery
- Chemical industry
- Oil applications
- Petrochemicals
- Light hydrocarbons

OPERATING RANGE:

- Shaft diameter: d: 1.000....4.000"
- Pressure: p: 40 bar(max)
- Temperature: -40°C....+260°C
- Speed : upto 4500rpm/23 m/s

FACE MATERIALS:

- Carbon v/s Silicon Carbide,
(Tungsten Carbide Optional)

METAL PARTS:

- SS 316

ELASTOMERS:

- FKM (Optional FFKM, BUNA, EPR)

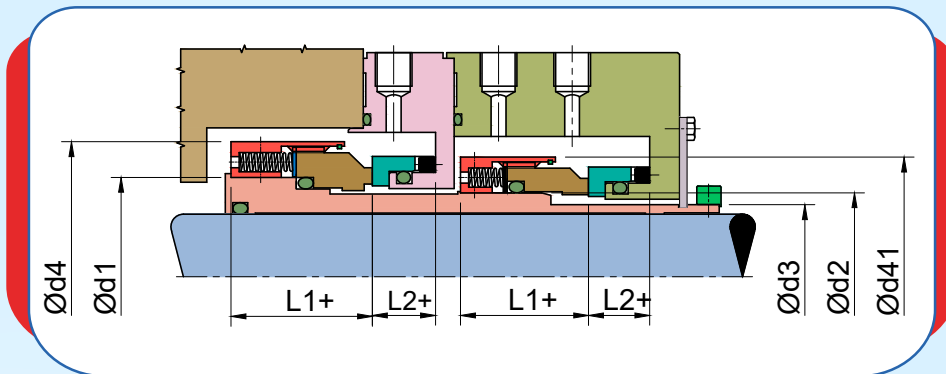
SIZE	Ød1	Ød2	Ød4	L1+	L2+
1.000	25.40	22.20	39.7	35.0	15.5
1.125	28.58	25.40	42.8	35.0	15.5
1.250	31.75	28.58	47.6	35.0	15.5
1.375	34.92	28.58	50.8	36.5	15.5
1.500	38.10	31.75	54.0	36.5	15.5
1.625	41.28	34.92	60.3	41.0	15.5
1.750	44.45	38.10	63.5	41.0	15.5
1.875	47.62	41.28	66.7	41.0	15.5
2.000	50.80	44.45	70.0	50.0	15.5
2.125	53.98	47.62	76.2	50.0	16.5
2.250	57.15	50.80	79.4	50.0	16.5
2.375	60.32	53.98	82.6	50.0	16.5
2.500	63.50	57.15	85.7	50.0	16.5
2.625	66.68	60.32	88.9	50.0	16.5
2.750	69.85	63.50	92.1	50.0	16.5
2.875	73.02	66.68	95.3	50.0	16.5
3.000	76.20	69.85	96.8	50.0	16.5
3.125	79.38	73.02	100.0	50.0	16.5
3.250	82.55	76.20	104.8	50.0	16.5
3.375	85.72	79.38	108.0	50.0	16.5
3.500	88.90	82.55	111.1	50.0	16.5
3.625	92.08	85.72	114.3	50.0	16.5
3.750	95.25	88.90	117.5	50.0	16.5
3.875	98.42	92.08	120.7	50.0	16.5
4.000	101.60	95.25	123.8	50.0	16.5

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

API SEALS-TYPE A

ARRANGEMENT-2

MSMCAEE



DETAILS:

- Double acting
- Balanced
- Inside mounted
- Independent of direction of rotation

APPLICATIONS:

- Petroleum refinery
- Chemical industry
- Oil applications
- Petrochemicals
- Light hydrocarbons

OPERATING RANGE:

- Shaft diameter: d: 1.000....4.000"
- Pressure: p: 40 bar(max)
- Temperature: -40°C....+260°C
- Speed : upto 4500rpm/23 m/s

FACE MATERIALS:

- Carbon v/s Silicon Carbide,
(Tungsten Carbide Optional)

METAL PARTS:

- SS 316

ELASTOMERS:

- FKM (Optional FFKM, BUNA, EPR)

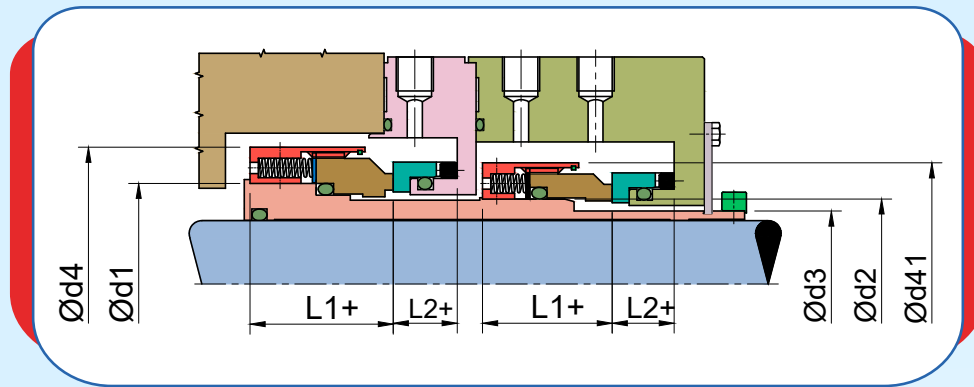
SIZE	Ød1	Ød2	Ød3	Ød4	Ød41	L1+	L2+
1.000	25.40	22.20	19.05	39.7	39.7	35.0	15.5
1.125	28.58	25.40	22.20	42.8	42.8	35.0	15.5
1.250	31.75	28.58	25.4	47.6	47.6	35.0	15.5
1.375	34.92	28.58	28.58	50.8	50.8	36.5	15.5
1.500	38.10	31.75	28.58	54.0	54.0	36.5	15.5
1.625	41.28	34.92	31.75	60.3	60.3	41.0	15.5
1.750	44.45	38.10	34.92	63.5	63.5	41.0	15.5
1.875	47.62	41.28	38.10	66.7	66.7	41.0	15.5
2.000	50.80	44.45	41.28	70.0	70.0	50.0	15.5
2.125	53.98	47.62	44.45	76.2	76.2	50.0	16.5
2.250	57.15	50.80	47.62	79.4	79.4	50.0	16.5
2.375	60.32	53.98	50.80	82.6	82.6	50.0	16.5
2.500	63.50	57.15	53.98	85.7	85.7	50.0	16.5
2.625	66.68	60.32	57.15	88.9	88.9	50.0	16.5
2.750	69.85	63.50	60.32	92.1	92.1	50.0	16.5
2.875	73.02	66.68	63.50	95.3	95.3	50.0	16.5
3.000	76.20	69.85	66.68	96.8	96.8	50.0	16.5
3.125	79.38	73.02	69.85	100.0	100.0	50.0	16.5
3.250	82.55	76.20	73.02	104.8	104.8	50.0	16.5
3.375	85.72	79.38	76.20	108.0	108.0	50.0	16.5
3.500	88.90	82.55	79.38	111.1	111.1	50.0	16.5
3.625	92.08	85.72	82.55	114.3	114.3	50.0	16.5
3.750	95.25	88.90	85.72	117.5	117.5	50.0	16.5
3.875	98.42	92.08	88.90	120.7	120.7	50.0	16.5
4.000	101.60	95.25	92.08	123.8	122.8	50.0	16.5

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

API SEALS-TYPE A

ARRANGEMENT-3

MSMCA



DETAILS:

- Double acting
- Reverse Balanced
- Inside mounted
- Independent of direction of rotation

APPLICATIONS:

- Petroleum refinery
- Chemical industry
- Oil applications
- Petrochemicals
- Light hydrocarbons

OPERATING RANGE:

- Shaft diameter: d: 1.000....4.000"
- Pressure: p: 40 bar(max)
- Temperature: -40°C....+260°C
- Speed : upto 4500rpm/23 m/s

FACE MATERIALS:

- Carbon v/s Silicon Carbide,
(Tungsten Carbide Optional)

METAL PARTS:

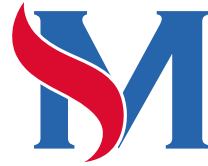
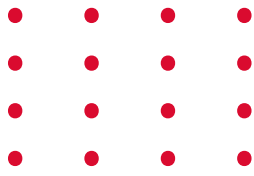
- SS 316,

ELASTOMERS:

- FKM (Optional FFKM, BUNA, EPR)

SIZE	Ød1	Ød2	Ød3	Ød4	Ød41	L1+	L2+
1.000	25.40	22.20	19.05	39.7	36.5	35.0	15.5
1.125	28.58	25.40	22.20	42.8	39.7	35.0	15.5
1.250	31.75	28.58	25.4	47.6	44.45	35.0	15.5
1.375	34.92	28.58	28.58	50.8	44.45	36.5	15.5
1.500	38.10	31.75	28.58	54.0	47.70	36.5	15.5
1.625	41.28	34.92	31.75	60.3	53.98	41.0	15.5
1.750	44.45	38.10	34.92	63.5	57.15	41.0	15.5
1.875	47.62	41.28	38.10	66.7	60.32	41.0	15.5
2.000	50.80	44.45	41.28	70.0	63.50	50.0	15.5
2.125	53.98	47.62	44.45	76.2	69.85	50.0	16.5
2.250	57.15	50.80	47.62	79.4	73.02	50.0	16.5
2.375	60.32	53.98	50.80	82.6	76.20	50.0	16.5
2.500	63.50	57.15	53.98	85.7	79.38	50.0	16.5
2.625	66.68	60.32	57.15	88.9	82.55	50.0	16.5
2.750	69.85	63.50	60.32	92.1	85.72	50.0	16.5
2.875	73.02	66.68	63.50	95.3	89.00	50.0	16.5
3.000	76.20	69.85	66.68	96.8	92.10	50.0	16.5
3.125	79.38	73.02	69.85	100.0	95.30	50.0	16.5
3.250	82.55	76.20	73.02	104.8	98.50	50.0	16.5
3.375	85.72	79.38	76.20	108.0	101.6	50.0	16.5
3.500	88.90	82.55	79.38	111.1	104.8	50.0	16.5
3.625	92.08	85.72	82.55	114.3	108.0	50.0	16.5
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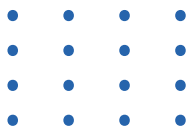
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Follow us at:



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