



Description

Thin profiled, multi-spring, grub screw mounted seal, conforming to ANSI B 73-1974 for American standard equipment. Commonly specified for arduous applications.



Characteristics

- Balanced/Unbalanced Mechanical Seal.
- Independent on direction of rotation.



Operating Limits

p: 22/40 Bar ; **V:** 15 m/s

t: -40 / +250°C

*Temperature is based by material selection.

*Operating limits are based on PV factor.

Imperial Shaft Size DØ	Metric Shaft Size DØ	Size Code	Seat Size Fitted (M549B/BS Only)	D3		STK MS45/S L1		STK MS45B/BS L1	
				Imperial	Metric	Imperial	Metric	Imperial	Metric
0.500	12.7	0127	N/a	0.937	23.80	0.937	23.80	N/a	N/a
0.625	15.8	0158	N/a	1.063	27.00	0.937	23.80	N/a	N/a
0.750	19.1	0191	0158	1.189	30.20	0.937	23.80	1.250	31.75
0.875	22.2	0222	0191	1.315	33.40	0.937	23.80	1.250	31.75
1.000	25.4	0254	0222	1.437	36.50	1.000	25.40	1.312	33.32
1.125	28.6	0286	0254	1.563	39.70	1.000	25.40	1.375	34.93
1.250	31.7	0317	0286	1.689	42.90	1.000	25.40	1.375	34.93
1.375	34.9	0349	0286	1.941	49.30	1.375	34.93	1.685	42.80
1.500	38.1	0381	0317	1.941	49.30	1.125	28.58	1.437	36.50
1.625	41.2	0412	0349	2.260	57.40	1.157	29.40	1.594	40.50
1.750	44.4	0444	0381	2.315	58.80	1.375	34.93	1.750	44.45
1.875	47.6	0476	0412	2.500	63.50	1.375	34.93	1.750	44.45
2.000	50.8	0508	0444	2.626	66.70	1.375	34.93	1.750	44.45
2.125	53.9	0539	0476	2.815	71.50	1.687	42.86	2.063	52.39
2.250	57.1	0571	0508	2.846	72.30	1.375	34.93	1.749	44.43
2.375	60.3	0603	0539	3.008	76.40	1.687	42.86	2.063	52.39
2.500	63.5	0635	0571	3.126	79.40	1.375	34.93	1.749	44.43
2.625	66.6	0666	0603	3.252	82.60	1.687	42.86	2.063	52.39
2.750	69.8	0698	0635	3.374	85.70	1.687	42.86	2.063	52.39
2.875	73.0	0730	0666	3.500	88.90	1.687	42.86	2.063	52.39
3.000	76.2	0762	0698	3.626	92.10	1.687	42.86	2.063	52.39
3.125	79.4	0794	0730	3.752	95.30	1.687	42.86	2.063	52.39
3.250	82.6	0826	0762	3.874	98.40	1.687	42.86	2.063	52.39
3.375	85.7	0857	0793	4.000	101.60	1.687	42.86	2.063	52.39
3.500	88.9	0889	0825	4.126	104.80	1.687	42.86	2.063	52.39
3.625	92.1	0921	0857	4.252	108.00	1.687	42.86	2.063	52.39
3.750	95.3	0953	0889	4.374	111.10	1.687	42.86	2.063	52.39
3.875	98.4	0984	0921	4.500	114.30	1.687	42.86	2.063	52.39
4.000	101.6	1016	0952	4.626	117.50	1.687	42.86	2.063	52.39