

## 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.

## Description

Standard multi-spring, grub screwed seal, available in a wide variety of face and secondary seal, materials and designs.

Frequently fitted with the FT clamped stationary.



Metric Shaft Size DØ	Seal / Assembly Stock Code	Seat Size Fitted (1659B/BS Only)	D3	TYPE MS59/S L1	TYPE MS59B/BS L1
16	0160	N/a	26.00	23.00	N/a
18	0180	0140	32.00	24.00	30.50
20	0200	0160	34.50	24.00	30.50
22	0220	0180	36.50	24.00	31.50
24	0240	0200	38.60	26.70	31.50
25	0250	N/a	40.00	27.00	N/a
28	0280	0240	43.00	30.00	34.50
30	0300	0250	45.00	30.50	34.50
32	0320	N/a	47.10	30.50	N/a
33	0330	0280	48.20	30.50	37.50
35	0350	0300	50.00	30.50	38.00
38	0380	0330	54.00	32.00	38.00
40	0400	0350	56.00	32.00	38.00
43	0430	0380	59.00	32.00	39.50
45	0450	0400	61.00	32.00	39.50
48	0480	0430	64.20	32.00	39.50
50	0500	0450	66.30	34.00	39.50
53	0530	0480	69.70	34.00	39.50
55	0550	0500	70.80	34.00	44.00
58	0580	0530	78.00	39.00	44.00
60	0600	0550	80.10	39.00	44.00
63	0630	0580	85.20	39.00	49.00
65	0650	0600	85.20	39.00	49.00
68	0680	0630	87.80	39.00	49.00
70	0700	0650	90.00	45.50	49.00
75*	0750	0700	95.00	45.50	55.50
80*	0800	0750	104.10	45.00	55.50
85*	0850	0800	109.30	45.00	55.00
90*	0900	0850	114.00	50.00	60.00
95*	0950	0900	119.20	50.00	60.00
100*	1000	0950	124.10	50.00	60.00