



sterling range

www.first4seals.com



single spring

mechanical seal range

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TYPE 152 MECHANICAL SEALS (Imperial)

Type 152 DIN Profile Seals have a working length to suit a common International standard and the same working length and the same stationary seat as Type 212.

The robust, heavy duty bellows design provides optimum flexibility, durability and performance.



Benefits

- Robust – Heavy duty bellows
- Self adjusting – Bellows take care of wear and shaft float
- Long life – Due to rugged construction
- Non clogging – Open single coil spring and bellows
- Non fretting – No moving 'O' Rings
- Bi-directional – Heavy duty bellows drive

All metal parts in Stainless Steel as standard.

Service Capability

- Maximum Speed – 15m/sec*
- Maximum Pressure – 14 bar*
- Temperature – -40°C to +200°C
- Media – Dependant on materials

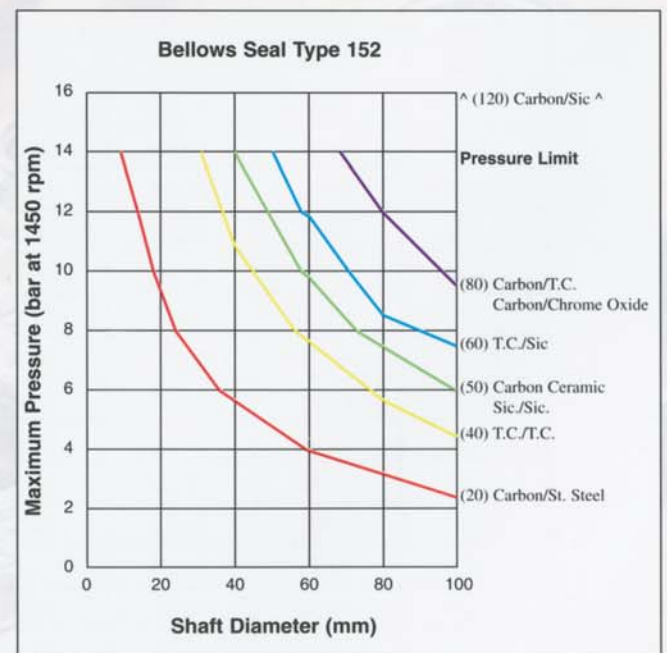
* See P.V. Curves for maximum speed/pressure combination

NOTE

P.V. Curves for water at 20°C

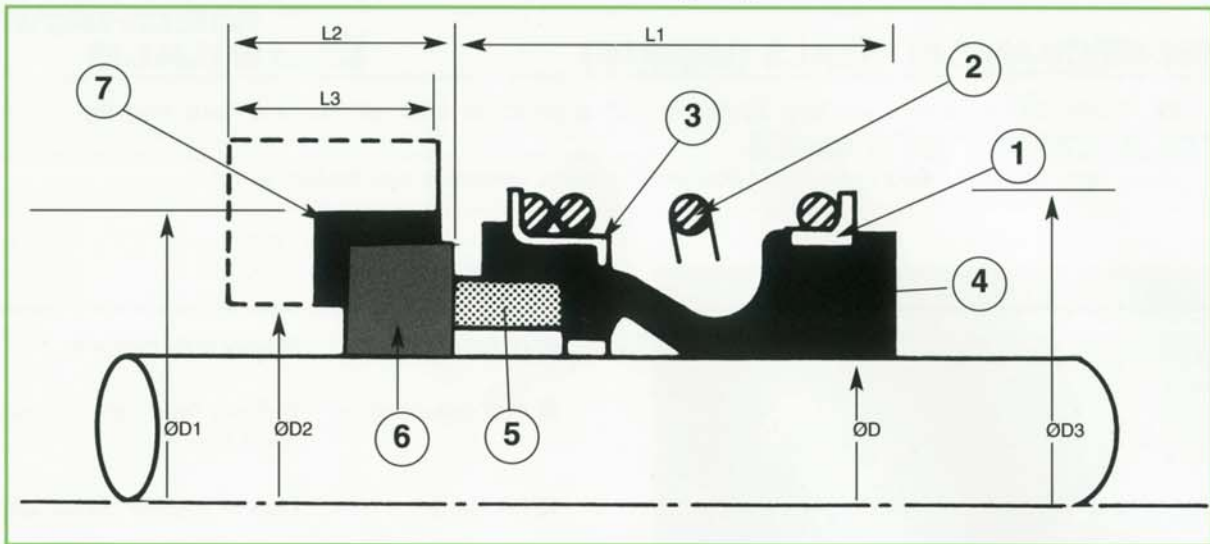
Materials

- Rotary Face (5) – Carbon, Reaction Bonded Silicon Carbide
- Stationary Face (6) – Ceramic, Reaction Bonded Silicon Carbide
- Spring (2) – 316 Stainless Steel
- Metal Parts (1,3) – 316 Stainless Steel
- Elastomers (4,7) – Nitrile, EP, Viton



OTHER MATERIALS AVAILABLE TO SPECIAL ORDER

SEAL TYPE 152 (Imperial)



Inch Shaft Size D	Size Code	D1 mm	D2 mm	D3 mm	L1 mm	L2 mm	L3 mm
0.375	0095	24.60	16.00	20.0	25.40	08.74	07.47
0.500	0127	27.79	19.05	22.0	25.40	08.74	07.47
0.625	0158	30.95	22.23	26.0	25.40	10.32	08.97
0.750	0191	34.15	25.40	32.0	25.40	10.32	08.97
0.875	0222	37.30	28.58	36.0	25.40	10.32	08.97
1.000	0254	40.50	31.75	39.0	25.40	10.32	08.97
1.125	0286	47.63	35.72	42.0	33.34	11.99	10.46
1.250	0317	50.80	38.89	46.0	33.34	11.99	10.46
1.375	0349	53.98	42.07	49.0	33.34	11.99	10.46
1.500	0381	57.15	45.24	54.0	33.34	11.99	10.46
1.625	0412	60.35	48.42	56.0	33.34	11.99	10.46
1.750	0444	63.50	51.59	61.0	40.48	11.99	10.46
1.875	0476	66.70	54.75	64.0	40.48	11.99	10.46
2.000	0508	69.85	58.00	66.0	40.48	11.99	10.46
2.125	0539	73.05	62.00	69.0	41.00	13.50	11.96
2.250	0571	76.20	65.00	71.0	41.00	13.50	11.96
2.375	0603	79.40	68.00	80.0	41.00	13.50	11.96

3.500	0889	120.65	103.18	114.0	56.00	20.00	18.50
3.625	0921	100.05	100.05	114.0	56.00	20.00	18.50