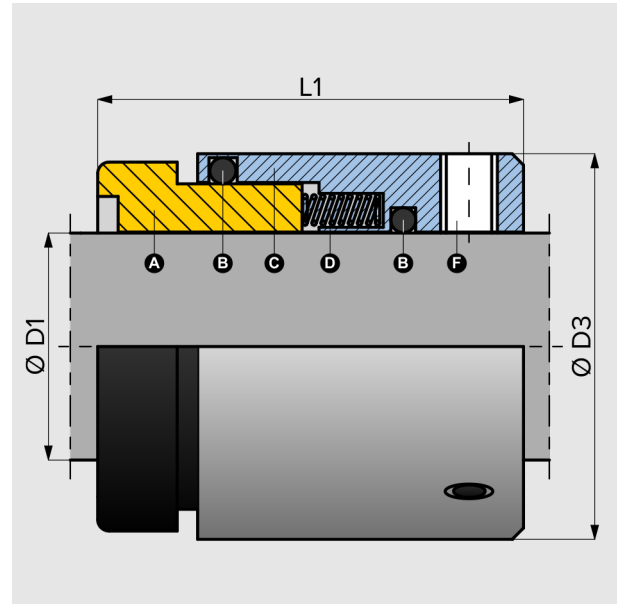


H891

'CHESTERTON 891' SPECIFICATION SHEET



- ▶ **Internally Balanced**
- ▶ **Multi-spring arrangement**
- ▶ **Non-fretting, non-clogging**

H891 is an internally balanced rotary pusher seal. It is designed to replace and / or upgrade existing seals from unbalanced to balanced without amendments to the shaft. The springs are internally located which avoids clogging with the pumped media. The rotary face is highly accurate CAM manufactured, allowing it to withstand large changes in operating temperatures and pressures while keeping faces flat.

▶ **Operating conditions**

Temperature: -30°C to +260°C
 Pressure: up to 42 bar, 600 psi
 Speed: up to 20m/s, 4000 fpm

▶ **Material Options**

Rotary Face: CAB, SiC or TC
 Elastomer: N, V or EP
 Metal Parts: 316 S.S.

▶ **Seat**

Can be run against many conventional stationaries,

PARTS

- A Rotary Face
- B O-ring
- C Rotary Holder
- D Multi-spring
- F Set Screw

EQUIVALENT

891

DIMENSIONS

D1	D1	D3	L1
	18mm	32.4	35.0
	20mm	34.3	35.0
	22mm	36.3	35.0
	24mm	38.3	35.0
1.000"	25mm	40.0	35.0
1.125"	28mm	43.0	35.0
	30mm	44.6	35.0
1.250"	32mm	47.0	35.0
	33mm	47.6	35.0
1.375"	35mm	49.6	35.0
1.500"	38mm	54.2	40.0
1.625"	40mm	57.4	40.0
	42, 43mm	59.0	40.0
1.750"	44, 45mm	61.0	40.0
1.875"	48mm	64.0	40.0
2.000"	50mm	67.0	40.0
2.125"	53mm	72.6	40.0
	55mm	72.6	40.0
2.250"	58mm	75.6	40.0
2.375"	60mm	78.0	40.0
2.500"	63mm	81.0	40.0
2.625"	65mm	84.4	40.0
	68mm	87.6	40.0
2.750"	70mm	87.6	40.0
2.875"		93.3	40.0
3.000"	75mm	96.5	48.5
3.125"	80mm	100.3	48.5
3.250"		102.9	48.5
3.375"	85mm	106.0	48.5
3.500"	90mm	110.3	48.5
3.625"		112.4	48.5
3.750"	95mm	115.6	48.5
3.875"		118.8	48.5
4.000"	100mm	121.9	48.5