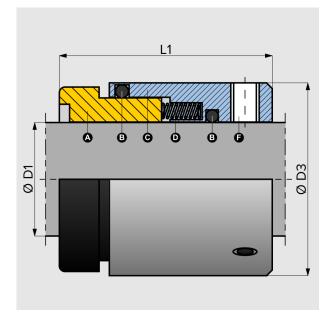
H891

'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

18mm 32.4 35.0 20mm 34.3 35.0 22mm 36.3 35.0 1.000" 25mm 40.0 35.0 1.125" 28mm 43.0 35.0 30mm 44.6 35.0 33mm 47.6 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 1.625" 40mm 57.4 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 2.250" 58mm 75.6 40.0 2.375" 60mm 78.0 40.0 2.500" 63mm 81.0 40.0 2.875" 93.3 40.0 2.875" 93.3 40.0 2.875" 93.3 40.0	D1	D1	D3	L1
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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 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 2.750" 70mm 87.6 40.0 2.875" 93.3 40.0 2.875" 93.3 40.0 3.000" 75mm 96.5 48.5 3.125" 80mm 100.3 48.5 3.500" 102.9 48.5 3.500" 90mm 110.3 48.5 3.625" 112.4 48.5		30mm	44.6	35.0
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