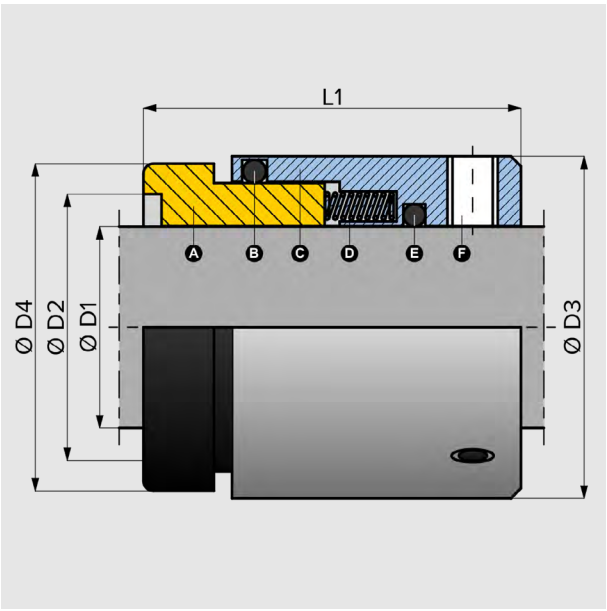
H891

'891'
SPECIFICATION SHEET





- **O-ring, Multi-Spring Pusher**
- **Rotary Only**
- **Metric & Imperial Sizes**
- **Balanced**
- **Bi-directional**

H891 is an internally balanced, o-ring mounted, multi-spring mechanical seal based on the industry standard "891" design. It is available in metric & imperial sizes and can run against many conventional stationaries.

It is designed to replace common unbalanced component seals fitted over straight shafts. The balanced design increases pressure capabilities. The springs are located internally which prevents clogging.

All H891 seals utilise highly accurate computer-aided manufacturing (CAM), ensuring precision and reliability.

- **Operating conditions[1]**

Temperature: -30°C to +260°C
Pressure: < 42 bar, 600 psi, 4.2 MPa
Speed: < 20m/s, 4000 fpm
rpm < 1200000/(3.14 x D1 mm)
rpm < 1200000/(79.8 x D1 inch)

- **Material Options**

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

PARTS

A Rotary Face
B Rotary O-ring
C Rotary Holder
D Rotary Multi-Springs
E Rotary Shaft O-ring
F Rotary Set Screws

EQUIVALENT

891
RB690 / RB691

DIMENSIONS

D1 = Shaft Size D3 = Rotary OD L1 = Rotary W.L.

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

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