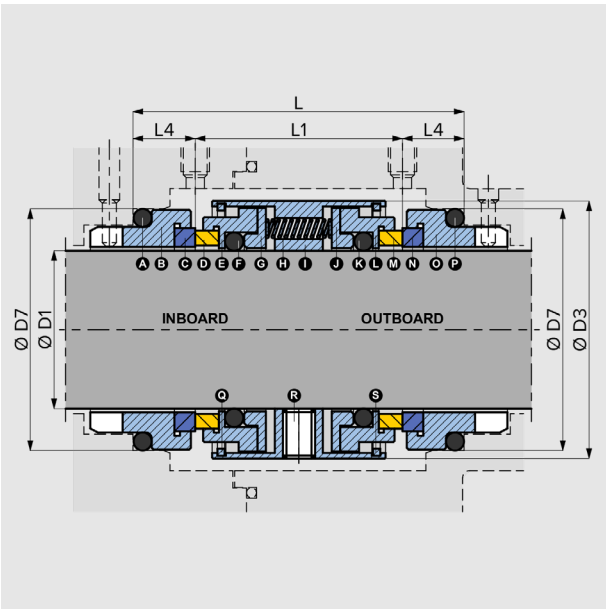
H802

'TYPE 802'
SPECIFICATION SHEET





- **O-ring, Multi-Spring Pusher**
- **To DIN EN 12756 Standards**
- **Double Seal (Back-To-Back)**
- **Unbalanced**
- **Bi-directional**

H802 is a DIN EN 12756 compliant mechanical seal for metric shafts (apart from fitting length). It commonly sees usage in pumps of Chinese origin.

The multi-springs ensure even face pressure, minimising face wear whilst also compensating for any shaft misalignment.

The design incorporates shrink-fitted seal faces, providing better resilience to impact damage, as well as reducing the likelihood of chipping at the anti-rotation slots.

- **Operating conditions[1]**

Temperature:	-20°C to +180°C
Pressure:	< 10 bar, 145 psi, 1 MPa
Speed:	< 13m/s, 2500 fpm
	rpm < 780000/(3.14 x D1)

- **Material Options**

Inboard:	TC/TC
Outboard:	TC/CAB or TC/TC
Elastomer:	N, V or EP
Metal Parts:	304S.S.

PARTS

A Inb. Stationary O-ring
B Inb. Stationary Holder
C Inb. Stationary Face
D Inb. Rotary Face
E Inb. Rotary Holder
F Inb. Rotary O-ring
G Inb. Rotary Thrust Ring
H Rotary Multi-Springs
I Rotary Holder
J Outb. Rotary Thrust Ring
K Outb. Rotary O-ring
L Outb. Rotary Holder
M Outb. Rotary Face
N Outb. Stationary Face
O Outb. Stationary Holder
P Outb. Stationary O-ring
Q Inb. Rotary Snap Ring
R Set Screws
S Outb. Rotary Snap Ring

EQUIVALENT

802

DIMENSIONS

D1 = Shaft Size
L1 = Rotary W.L.
D7 = Seat Cavity
L4 = Seat Height
D3 = Rotary OD
L = Overall W.L.

D1	D3	D7	L4	L1	L
20mm	38.0	35.0	11.5	39.0	62.0
25mm	43.0	40.0	11.5	39.0	62.0
30mm	48.0	45.0	11.5	42.0	65.0
35mm	53.0	50.0	12.0	40.0	64.0
40mm	61.0	58.0	12.0	45.0	69.0
45mm	66.0	63.0	12.0	45.0	69.0
50mm	73.0	70.0	13.0	46.0	72.0
55mm	78.0	75.0	13.0	46.0	72.0
60mm	83.0	80.0	14.0	56.0	84.0
65mm	88.0	85.0	14.0	56.0	84.0
70mm	95.0	92.0	17.0	58.0	92.0
75mm	100.0	97.0	17.0	58.0	92.0
80mm	108.0	105.0	17.0	58.0	92.0

© 2025 Pump Seal Supplies Pty Ltd
No part of this publication may be reproduced or transmitted in any form without permission