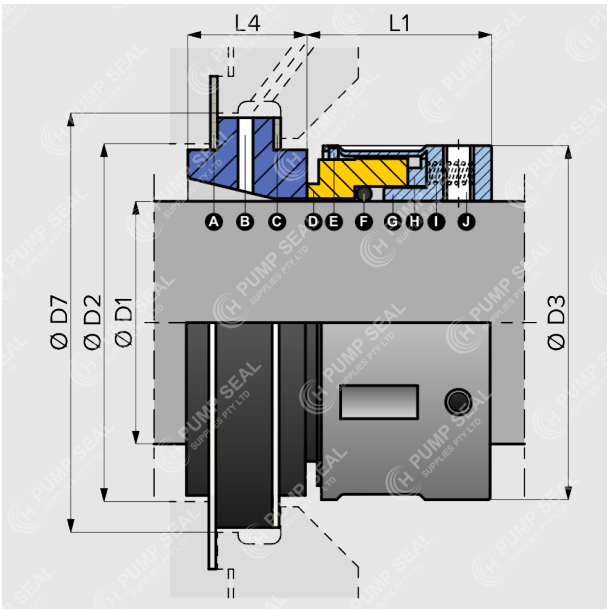
H8-2

'TYPE 8B2'
SPECIFICATION SHEET





- **Externally Mounted**
- **O-ring, Multi-Spring Pusher**
- **Pump-specific Sizes**
- **Suits Chemicals & Corrosives**

H8-2 is a mechanical seal based on the industry standard "Type 8B2". It is designed to be mounted externally, such that no metal parts are in contact with the process fluid. This makes it ideal for use with highly acidic or chemically corrosive media. The rotary may be run against different sized clamped seats specific to each manufacturer.

Operating conditions[1]

Temperature: -40°C to +205°C
Pressure: < 27 bar, 390 psi, 2.7 MPa
Speed: < 23m/s, 4500 fpm
rpm < 1380000/(79.8 x D1 inch)
rpm < 1380000/(3.14 x D1 mm)

Material Options

Rotary Face:	CAB or SiC
Stationary Face:	SiC
Elastomer:	N, V or EP
Gaskets:	Virgin PTFE
Metal Parts:	304SS

PARTS

A Stationary PTFE Gasket
B Stationary With Flush
C Stationary PTFE Gasket
D Rotary Face / Ring
E Rotary Snap Ring
F Rotary O-ring
G Rotary Holder
H Rotary Thrust Ring
I Rotary Multi-Springs
J Rotary Set Screws

SEAT OPTIONS

Clamped, pump-specific:

Fybroc
Armstrong
Bell & Gosset
Sykes

EQUIVALENT

8B2
RA / RA-C
VGXB2

DIMENSIONS

D1 = Shaft Size
D7 = Seat Cavity
D2 = Seat Step Cavity
D3 = Rotary OD
L4 = Seat Height
L1 = Rotary W.L.

Fybroc Sizes

Complete seals with clamped seats to suit Fybroc pumps

D1	D3	D2	D7	L4	L1
1.375”	57.2	50.80	68.26	25.4	28.58
2.125”	79.4	73.03	90.49	25.4	33.34
2.875”	96.8	95.25	111.13	25.4	41.28

Other Sizes

Available as rotaries-only:

D1	D3	SEAT	L1
1.125”	47.6	Armstrong - 2.343"	25.40
1.250”	50.8	Bell & Gosset - 2.000"	25.40
40mm	61.9	Sykes - 69.3mm / 2.750"	32.00
1.625”	62.0	Armstrong - 2.843"	29.49
1.625	62.0	Bell & Gosset - 2.875"	29.49
2.125”	79.4	Armstrong - 3.343"	29.49
2.625”	88.9	Armstrong - 4.375"	41.28

[1] Guide-values only (due to diversity of possible applications). Enquire for specific-use cases. Maximum values of each parameter cannot be applied together.

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