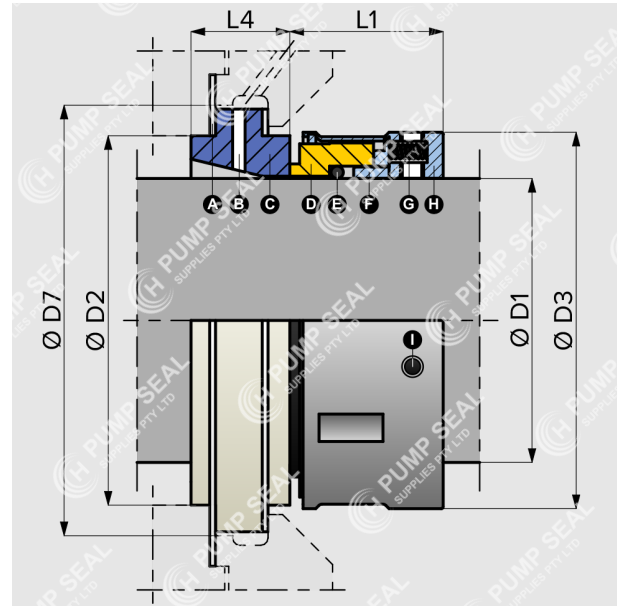


H8-2

'TYPE 8B2'

SPECIFICATION SHEET



- ▶ **Externally mounted**
- ▶ **Corrosive applications**

H8-2 is a cost-effective solution for highly corrosive chemical services. It is installed outside of the seal chamber. As such, no metallic components come in contact with the process fluid. The rotary face is hydraulically balanced to provide proper face loading for extended reliability.

This seal is commonly specified in American-made standardised pumps such as Fybroc, Armstrong and Bell & Gossett.

▶ **Operating conditions**

Temperature: -40°C to +205°C
 Pressure: up to 27.6 bar, 400 psi
 Speed: up to 23m/s, 4500 fpm

▶ **Material Options**

Rotary Face: CAB or SiC
 Stationary Face: CER, SiC, TC
 Gaskets: PTFE
 Elastomer: N, V or EP
 Metal Parts: Stainless Steel

▶ **Equivalent:**

8B2 (obsolete)
 RA / RA-C
 VGXB2

IMPERIAL DIMENSIONS

▶ **Fybroc Sizes**

Suits **Fybroc** Series 1500 chemical pumps.

Standard rotary + Fybroc-specific seat sizes to suit Fybroc gland plates

D1	D3	D2 (BORE)	D7 (BORE)	L4	L1
1.375"	57.2	50.8 (2.000")	68.3 (2 11/16")	25.4	28.6 (1 1/8")
2.125"	79.4	73.0 (2.875")	90.4 (3 9/16")	25.4	33.32 (1 5/16")
2.875"	96.8	95.3 (3.750")	111.1 (4 3/8")	25.4	41.3 (1 5/8")

▶ **Armstrong & B&G Sizes**

Suits Armstrong Series 4300 & Bell & Gossett Series 80-SC pumps

Standard rotary + pump-specific seats

D1	D3	L1	Armstrong Seat Bore	B&G Seat Bore
1.125"	47.6	25.4 (1.000")	59.5 (2.343")	
1.250"	50.8	25.4 (1.000")	-	50.8 (2.000")
1.625"	62.0	29.5 (1.161")	72.2 (2.843")	73.0 (2.875")
2.125"	79.4	29.5 (1.161")	84.9 (3.343")	
2.625"	88.9	41.3 (1.825")	111.1 (4.375")	

PARTS

- A PTFE Gasket
- B Integral Flush
- C Clamped Seat
- D Rotary Face
- E O-ring
- F Thrust Ring
- G Multi-spring
- H Drive Collar
- I Set Screw

METRIC DIMENSIONS

▶ **Sykes Size**

Special Sykes-specific metric version (OEM: 722704) (38-0400-VS2S2/SS)

Standard rotary + block seat (SE-0400-SP-S)

D1	D3	D7	L4	L1
40mm	61.9	69.3	7.3	32.0