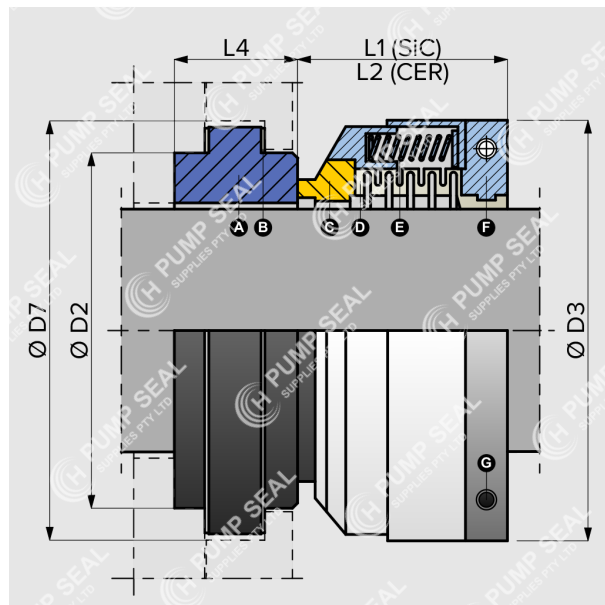


HWB2 (V SEAT)

'TYPE WB2 - PTFE BELLOWS' SPECIFICATION SHEET



- ▶ PTFE bellows
- ▶ Externally mounted
- ▶ Non-metallic
- ▶ Multi-spring arrangement
- ▶ Corrosive applications

HWB2 is an externally mounted multi-spring seal and is based on the now discontinued Crane Type WB2.

The rotary is designed to be clamped to the shaft, rather than set screwed. It can be run against different pump-specific seats, but is designed to run against the industry standard "V" seat.

▶ **Operating conditions**

Temperature: up to +120°C
 Pressure: up to 5 bar, 72 psi
 Speed: up to 10m/s, 2000 fpm

▶ **Material Options**

Standard "XXA" SiC/SiC
 Alternative "XXB" CER/PTFE
 Bellows: PTFE
 Metal Parts: Stainless Steel

IMPERIAL DIMENSIONS

D1	D3	D7		D2		L4	L1	L2	
		SEAT	BORE	SEAT	BORE				
1.000"	60.0	52.4	54.0	42.56	42.86	1-11/16"	17.5	42.0	45.0
1.125"	67.0	58.7	60.0	45.74	46.04	1-13/16"	27.0	42.0	45.0
1.250"	69.0	63.5	65.0	50.50	50.80	2.000"	27.0	42.0	45.0
1.375"	72.0	66.7	68.0	53.68	53.98	2.125"	27.0	42.0	45.0
1.500"	76.0	69.8	70.0	56.85	57.15	2.250"	27.0	42.0	45.0
1.625"	80.0	76.2	78.0	63.20	63.50	2.500"	27.0	42.0	45.0
1.750"	84.0	79.4	81.0	66.38	66.68	2.625"	27.0	44.0	46.0
1.875"	86.0	82.6	84.0	69.55	69.85	2.750"	27.0	44.0	46.0
2.000"	90.0	85.7	97.0	72.73	73.03	2.875"	27.0	46.0	46.0
2.125"	95.0	95.2	97.0	79.08	79.38	3.125"	33.5	46.0	46.0
2.250"	98.0	98.4	100.0	82.25	82.55	3.250"	33.5	46.0	46.0
2.375"	100.0	101.6	103.0	85.43	85.73	3.375"	33.5	46.0	46.0

PARTS

- A "V" Seat
- B PTFE Gasket
- C Rotary Face
- D PTFE Bellows
- E Multi-spring
- F Drive Collar
- G Clamping Set Screw

STANDARD SEAT

V Seat
 S08
 S08U
 Type 25

METRIC DIMENSIONS

D1	D3	D7	D2	L4	L1	L2
25mm	60.0	60.0	47.0	27.0	42.0	45.0
30mm	67.0	67.0	53.0	27.0	42.0	45.0
32mm	69.0	64.0	50.7	27.0	42.0	45.0
35mm	72.0	70.0	57.0	27.0	42.0	45.0
40mm	78.0	76.0	62.0	26.0	42.0	45.0
45mm	84.0	82.0	67.0	27.0	44.0	46.0
50mm	88.0	86.0	72.0	27.0	46.0	46.0
55mm	95.0	90.0	77.0	27.0	46.0	46.0
60mm	100.0	95.0	82.0	27.0	46.0	46.0
65mm	105.0	100.0	87.0	27.0	46.0	46.0

note: metric rotaries can be paired with "L" seat, equivalent to Crane Type 152