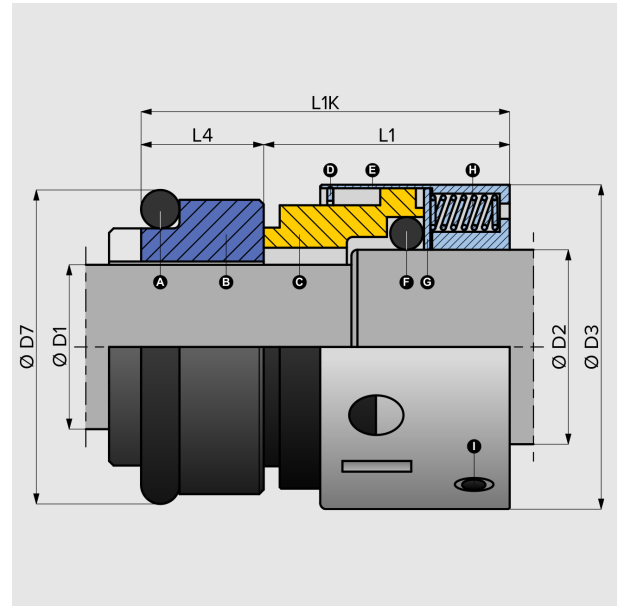


H58B / H59B

'TYPE 58B - BALANCED' SPECIFICATION SHEET



- ▶ **Multi-spring Arrangement**
- ▶ **DIN 24960 L1K**
- ▶ **Balanced**

H58B is a balanced, narrow profile, multi-spring & DIN compliant seal commonly used in chemical pumps. Originally designed to use a PTFE wedge as the secondary seal, a more cost effective option using o-rings is now more commonplace (H58B).

The original PTFE wedge design is still available if required (H59B).

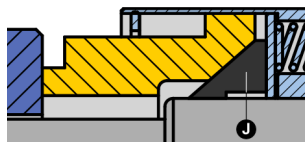
▶ **Operating conditions**

Temperature: -30°C to +260°C
 Pressure: up to 62 bar, 900 psi
 Speed: up to 25m/s, 5000 fpm

▶ **Material Options**

Rotary Face: CAB, A1.CAB or SiC
 Stationary Face: SiC
 Elastomer: N, V or EP
 Metal Parts: Stainless Steel

H59B - PTFE WEDGE



PARTS

- A** Seat O-ring
- B** Seat (BP Standard)
- C** Rotary Face
- D** Snap Ring
- E** Metal Housing
- F** O-ring (H58B)
- G** Disc
- H** Multi-Spring
- I** Set Screw
- J** PTFE Wedge

EQUIVALENT

- 58B / 59B
- M04SU / M04U
- 1659BS / 1659B
- BT-C5.KB
- BT-C56.KB

STANDARD SEAT

- BP anti-rotation slot
- BO unslotted

DIMENSIONS

D1/D2 = Shaft Size D7 = Seat Cavity L1 = Rotary Length
 D3 = Rotary OD L4 = Seat Thickness L1K = DIN W.L.

D1/D2	D3	D7	L4	L1	L1K
14/18mm	32.0	25.0	12.0	30.5	42.5
16/20mm	34.0	27.0	12.0	30.5	42.5
18/22mm	36.0	33.0	13.5	31.5	45.0
20/24mm	38.0	35.0	13.5	31.5	45.0
22/26mm	40.0	37.0	13.5	31.5	45.0
24/28mm	42.0	39.0	13.3	34.2	47.5
25/30mm	44.0	40.0	13.0	34.5	47.5
28/33mm	47.0	43.0	12.5	37.5	50.0
30/35mm	49.0	45.0	12.0	38.0	50.0
32/38mm	54.0	48.0	12.0	38.0	50.0
33/38mm	54.0	48.0	12.0	38.0	50.0
35/40mm	56.0	50.0	12.0	38.0	50.0
38/43mm	59.0	56.0	13.0	39.5	52.5
40/45mm	61.0	58.0	13.0	39.5	52.5
43/48mm	64.0	61.0	13.0	39.5	52.5
45/50mm	66.0	63.0	13.0	39.5	52.5
48/53mm	69.0	66.0	13.0	39.5	52.5
50/55mm	71.0	70.0	13.5	44.0	57.5
53/58mm	78.0	73.0	13.5	44.0	57.5
55/60mm	80.0	75.0	13.5	44.0	57.5
58/63mm	83.0	78.0	13.5	49.0	62.5
60/65mm	85.0	80.0	13.5	49.0	62.5
63/68mm	88.0	83.0	13.5	49.0	62.5
65/70mm	90.0	85.0	13.5	49.0	62.5
70/75mm	95.0	92.0	14.5	55.5	70.0
75/80mm	104.0	97.0	14.5	55.5	70.0
80/85mm	109.0	105.0	15.0	55.0	70.0
85/90mm	114.0	110.0	15.0	60.0	75.0
90/95mm	119.0	115.0	15.0	60.0	75.0
95/100mm	124.0	120.0	15.0	60.0	75.0
100/105mm	129.0	125.0	15.0	60.0	75.0