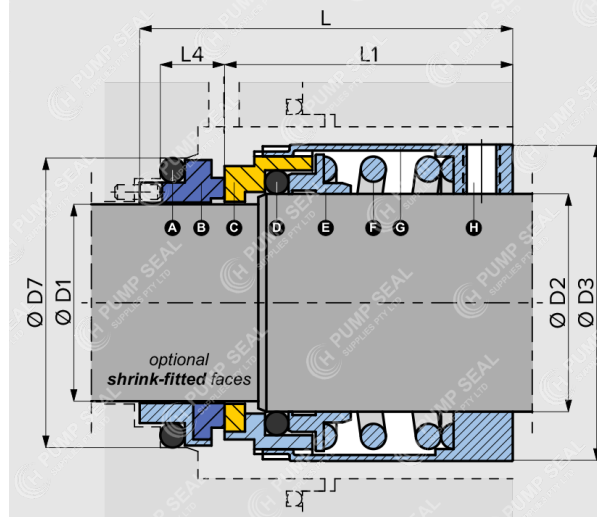
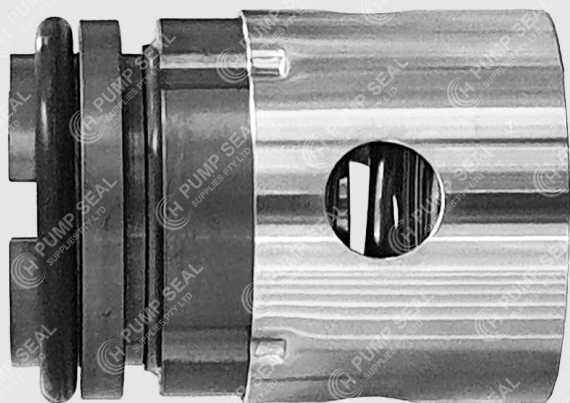


H104B

'TYPE B104'

SPECIFICATION SHEET



- **O-Ring, Parallel-Spring Pusher**
- **To PRC JB/T 1472 Standards**
- **Balanced**
- **Bi-directional**

H104B is a JB/T 1472 compliant balanced mechanical seal for metric shafts, based on Chinese Machinery Industry Standard "Type B104".

A non-clogging parallel spring is protected and housed internally inside a holder. It is set screwed to the shaft, providing drive in either rotational direction.

► **Operating conditions¹**

Temperature: -20°C to +200°C
 Pressure: <30 bar, 435 psi, 3 MPa
 Speed: <13m/s, 2560 fpm
 rpm < 780000/(3.14 x D2)

► **Material Options**

Rotary Face: SiC
 Stationary Face: SiC
 Elastomer: N, V or EP
 Metal Parts: 304S.S.

PARTS

- A** Stationary O-ring
B Stationary Face / Ring
C Rotary Face / Ring
D Rotary O-ring
E Rotary Thrust Ring
F Rotary Parallel Spring
G Rotary Holder
H Rotary Set Screws

SEAT

S20 standard

EQUIVALENT

JB/T 1472 - Type B104

DIMENSIONS

D1 / D2 = Shaft Size D7 = Seat Cavity D3 = Rotary OD
 L4 = Seat Height L1 = Rotary W.L. L = JB/T 1472 norm.

D1/D2	D3	D7	L4	L1	L
11/16mm	33.0	33.0	16.0	45.0	61.0
13/18mm	35.0	36.0	16.0	48.0	64.0
15/20mm	37.0	40.0	19.0	48.0	67.0
17/22mm	39.0	42.0	19.0	51.0	70.0
20/25mm	42.0	45.0	19.0	51.0	70.0
22/28mm	45.0	48.0	20.0	52.0	72.0
25/30mm	52.0	50.0	19.0	58.0	77.0
28/35mm	57.0	55.0	19.0	61.0	80.0
34/40mm	62.0	60.0	19.0	64.0	83.0
38/45mm	67.0	65.0	19.0	70.0	89.0
44/50mm	72.0	70.0	19.0	73.0	92.0
48/55mm	77.0	75.0	19.0	75.0	94.0
52/60mm	82.0	80.0	19.0	75.0	94.0
58/65mm	92.0	90.0	22.0	81.0	103.0
62/70mm	97.0	97.0	25.0	86.0	111.0
66/75mm	102.0	102.0	25.0	86.0	111.0
72/80mm	107.0	107.0	25.0	91.0	116.0
76/85mm	112.0	112.0	25.0	92.0	117.0
82/90mm	117.0	117.0	25.0	93.0	118.0
85/95mm	122.0	122.0	25.0	93.0	118.0
90/100mm	127.0	127.0	25.0	93.0	118.0
100/110mm	141.0	142.0	27.0	117.0	144.0
110/120mm	151.0	152.0	27.0	117.0	144.0

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