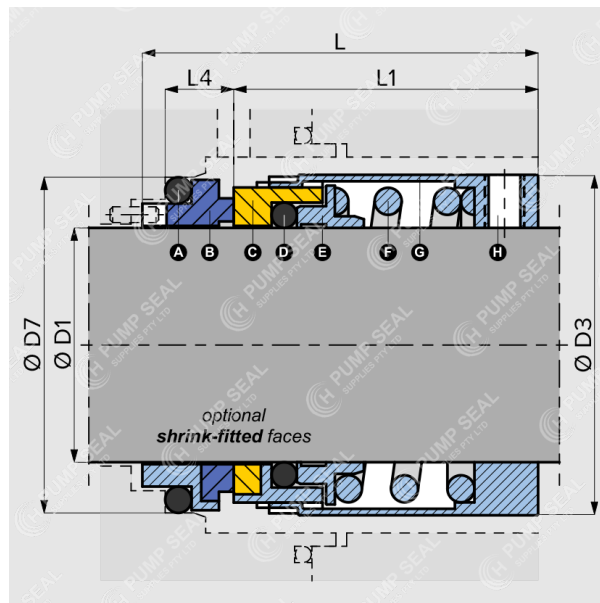
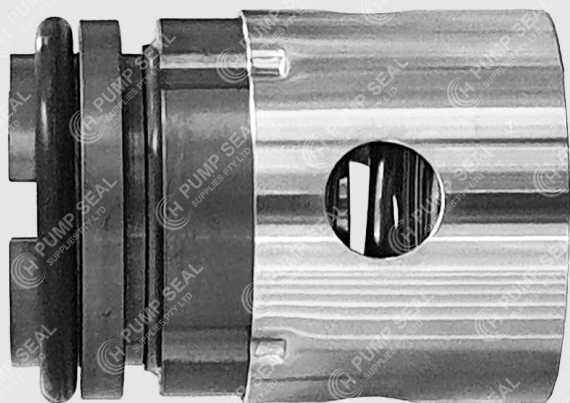


H104U

'TYPE 104'

SPECIFICATION SHEET



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

H104U is a JB/T 1472 compliant unbalanced mechanical seal for metric shafts, based on Chinese Machinery Industry Standard "Type 104".

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: < 10 bar, 145 psi, 1 MPa
 Speed: < 15m/s, 2950 fpm
 rpm < 900000/(3.14 x D1)

► 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

S18 standard

EQUIVALENT

JB/T 1472 - Type 104

DIMENSIONS

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

D1	D3	D7	L4	L1	L
16mm	33.0	33.0	16.0	37.0	53.0
18mm	35.0	36.0	16.0	40.0	56.0
20mm	37.0	40.0	19.0	40.0	59.0
22mm	39.0	42.0	19.0	43.0	62.0
25mm	42.0	45.0	19.0	43.0	62.0
28mm	45.0	48.0	19.0	44.0	63.0
30mm	52.0	50.0	19.0	49.0	68.0
35mm	57.0	55.0	19.0	51.0	70.0
40mm	62.0	60.0	19.0	54.0	73.0
45mm	67.0	65.0	19.0	60.0	79.0
50mm	72.0	70.0	19.0	63.0	82.0
55mm	77.0	75.0	19.0	65.0	84.0
60mm	82.0	80.0	19.0	65.0	84.0
65mm	92.0	90.0	22.0	74.0	96.0
70mm	97.0	97.0	25.0	76.0	101.0
75mm	102.0	102.0	25.0	76.0	101.0
80mm	107.0	107.0	25.0	81.0	106.0
85mm	112.0	112.0	25.0	82.0	107.0
90mm	117.0	117.0	25.0	83.0	108.0
95mm	122.0	122.0	25.0	83.0	108.0
100mm	127.0	127.0	25.0	83.0	108.0
110mm	141.0	142.0	27.0	105.0	132.0
120mm	151.0	152.0	27.0	105.0	132.0

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