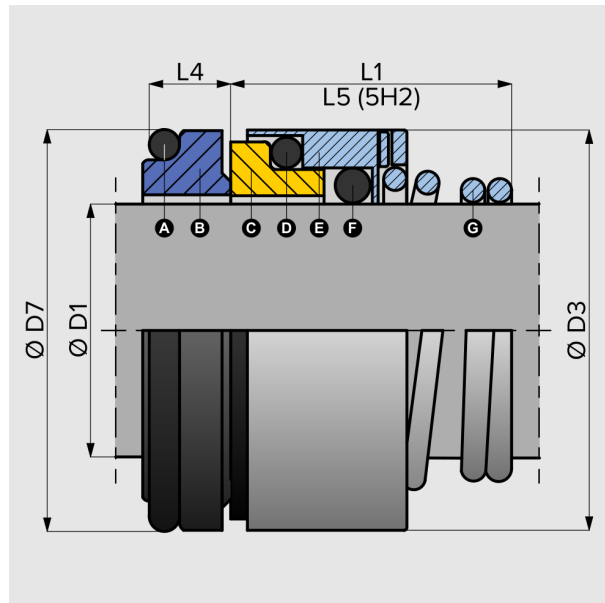


HR5

'TYPE 5 - FE DIMENSIONS' SPECIFICATION SHEET



- ▶ **Conical-spring drive**
- ▶ **To FE dimensions**
- ▶ **Dependent on direction of rotation**

HR5 is suitable for heavy-duty use and features interchangeable faces advantageous during overhauls.

The standard rotary is designed to be set against a spacer (L1). A shorter spring is available to achieve the 5H2 working length (L5)

▶ **Operating conditions**

Temperature: -30°C to +200°C
 Pressure: up to 10 bar, 150 psi
 Speed: up to 15m/s, 3000 fpm

▶ **Material options**

Rotary Face: SiC or TC
 Stationary: CAB or SiC
 Elastomer: N, V or EP
 Metal Parts: Machined S.S

▶ **Equivalent**

Standard: 5
 Short Spring: 5H2

▶ **Variants**

with Driving Sleeve: prefix "U"

PARTS

- A** O-ring
- B** Seat (C.C. shown)
- C** Rotary Face Insert
- D** O-ring
- E** Metal Drive Collar
- F** O-ring
- G** Conical Spring

STANDARD SEAT

- C.C.: Short tail, no slot
- C.L.: Long tail + slot

DIMENSIONS

D1	D3	D7	L4	L1	L5 (5H2)
10mm	19.0	18.1	5.5	20.0	15.0
11mm	22.0	20.6	5.5	22.0	18.0
12mm	22.0	20.6	5.5	22.0	18.0
13mm	24.0	23.1	6.0	27.0	18.0
14mm	24.0	23.1	6.0	27.0	22.0
15mm	28.5	26.9	7.0	27.0	22.0
16mm	28.5	26.9	7.0	28.0	23.0
17mm	28.5	26.9	7.0	28.0	23.0
18mm	32.5	30.9	8.0	30.0	24.0
19-20mm	32.5	30.9	8.0	30.0	25.0
21-22mm	37.0	35.4	8.0	30.0	25.0
23-24mm	37.0	35.4	8.0	32.0	27.0
25-27mm	40.5	38.2	8.5	33.0	27.0
28mm	46.5	43.3	9.0	36.0	29.0
29-32mm	46.5	43.3	9.0	37.0	30.0
33-37mm	56.5	53.5	11.5	48.0	39.0
38-43mm	63.5	60.5	11.5	48.0	39.0
44-49mm	68.5	65.5	11.5	51.0	41.0
50mm	75.0	72.5	11.5	55.0	45.0
55mm	75.0	72.5	11.5	57.0	47.0
60mm	83.0	79.3	11.5	61.0	49.0
65mm	88.0	84.5	11.5	63.0	51.0
70mm	93.0	89.5	11.5	63.0	51.0
75mm	98.0	94.5	11.5	68.0	57.0
80mm	103.0	99.5	11.5	70.0	59.0
85mm	117.0	105.5	13.5	72.0	59.0
90mm	122.0	111.5	13.5	75.0	62.0
95mm	129.0	116.5	13.5	75.0	62.0
100mm	135.0	119.5	13.5	85.0	75.0
110mm	-	132.2	17.5	89.0	75.0
120mm	-	142.2	17.5	97.0	85.0
130mm	-	153.2	17.5	108.0	95.0
140mm	-	164.3	18.5	110.0	100.0
150mm	-	174.2	18.5	120.0	110.0