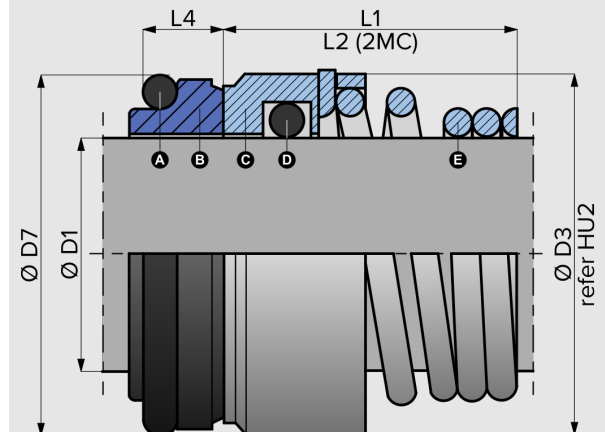


# HR2

## 'TYPE 2 - FE DIMENSIONS' SPECIFICATION SHEET



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

HR2 is a conical spring -driven seal for general-purpose uses.

The standard rotary is designed to be set against a spacer (L1). A shorter spring is available to achieve the 2MC working length (L2).

▶ **Operating conditions**

Temperature: -30°C to +200°C  
 Pressure: up to 10 bar, 145 psi  
 Speed: up to 10m/s, 2000 fpm

▶ **Material options**

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

▶ **Equivalent**

Standard (S.S): 2  
 Short Spring (S.S): 2MC

▶ **Variants**

Shrunk-fit rotary face: suffix "H"  
 Open Cave (Washer): suffix "CA"  
 with Driving Sleeve: prefix "U"

**PARTS**

- A** O-ring
- B** Seat (C.C. shown)
- C** Rotary - Machined S.S
- D** O-ring
- E** Conical Spring

**STANDARD SEAT**

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

**EQUIVALENT**

- T03
- T03U
- BT-RN

D1	D7	L4	L1	L2 (2MC)
6mm	13.1	4.5	15.0	-
7-9mm	17.1	5.5	15.0	10.0
10mm	18.1	5.5	15.0	12.0
11-12mm	20.6	5.5	18.0	14.0
13-14mm	23.1	6.0	22.0	17.0
15mm	26.9	7.0	22.0	17.0
16-17mm	26.9	7.0	23.0	18.0
18mm	30.9	8.0	24.0	18.0
19-20mm	30.9	8.0	25.0	20.0
21-22mm	35.4	8.0	25.0	20.0
23-24mm	35.4	8.0	27.0	22.0
25-27mm	38.2	8.5	27.0	21.0
28mm	43.3	9.0	29.0	22.0
29-32mm	43.3	9.0	30.0	23.0
33-34mm	53.5	11.5	39.0	30.0
35-37mm	53.5	11.5	39.0	30.0
38-43mm	60.5	11.5	39.0	30.0
44-49mm	65.5	11.5	41.0	31.0
50mm	72.5	11.5	45.0	35.0
55mm	72.5	11.5	47.0	37.0
60mm	79.3	11.5	49.0	37.0
65mm	84.5	11.5	51.0	39.0
70mm	89.5	11.5	51.0	39.0
75mm	94.5	11.5	57.0	46.0
80mm	99.5	11.5	59.0	48.0
85mm	105.5	13.5	59.0	46.0
90mm	111.5	13.5	62.0	49.0
95mm	116.5	13.5	62.0	51.0
100mm	119.5	13.5	75.0	65.0
110mm	132.2	17.5	75.0	61.0
120mm	142.2	17.5	85.0	73.0
130mm	153.2	17.5	95.0	82.0
135mm	161.2	18.5	95.0	83.0
140mm	164.3	18.5	100.0	90.0
150mm	174.2	18.5	110.0	100.0
160mm	195.0	21.0	120.0	100.0