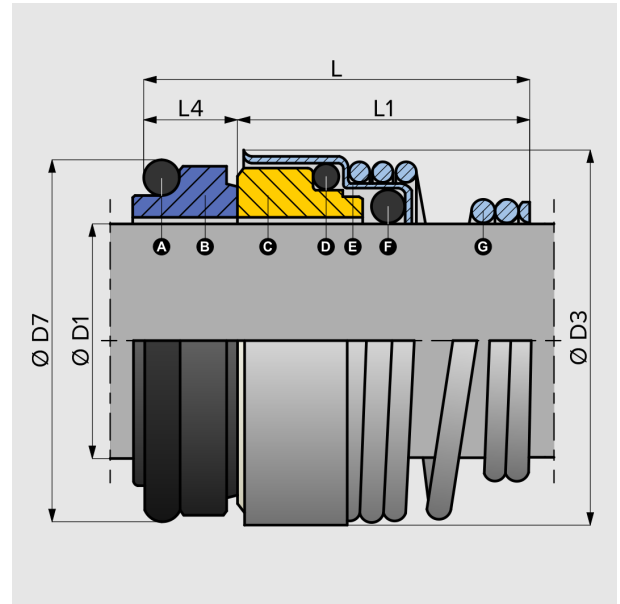


# HR3

## 'TYPE 3 - SIMPLEX FE DIMENSIONS' SPECIFICATION SHEET



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

HR3 features an economic design featuring interchangeable components.

The standard rotary is designed to be set against a spacer (L1) which combined, achieves the DIN L1K working length.

▶ **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: CER or SiC  
 Stationary: CAB or SiC  
 Elastomer: N, V or EP  
 Metal Parts: Pressed S.S

▶ **Equivalent**

Standard: 3, Simplex

**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

**EQUIVALENT**

- Simplex
- T04
- BT-FN

**DIMENSIONS**

D1	D3	D7	L4	L1	L
10mm	20.0	18.1	5.5	15.0	20.5
11mm	22.0	20.6	5.5	18.0	23.5
12mm	22.0	20.6	5.5	18.0	23.5
13mm	25.0	23.1	6.0	22.0	28.0
14mm	25.0	23.1	6.0	22.0	28.0
15mm	29.0	26.9	7.0	22.0	29.0
16mm	29.0	26.9	7.0	23.0	30.0
17mm	29.0	26.9	7.0	23.0	30.0
18mm	33.0	30.9	8.0	24.0	32.0
19mm	33.0	30.9	8.0	25.0	33.0
20mm	33.0	30.9	8.0	25.0	33.0
21mm	38.0	35.4	8.0	25.0	33.0
22mm	38.0	35.4	8.0	25.0	33.0
23mm	38.0	35.4	8.0	27.0	35.0
24mm	38.0	35.4	8.0	27.0	35.0
25mm	40.0	38.2	8.5	27.0	35.5
28mm	46.0	43.3	9.0	29.0	38.0
29mm	46.0	43.3	9.0	30.0	39.0
30mm	46.0	43.3	9.0	30.0	39.0
32mm	46.0	43.3	9.0	30.0	39.0
33mm	48.0	54.5	11.5	39.0	50.5
35mm	50.0	54.5	11.5	39.0	50.5
38mm	56.0	60.5	11.5	39.0	50.5
40mm	58.0	60.5	11.5	39.0	50.5
43mm	59.0	60.5	11.5	39.0	50.5
45mm	61.0	65.5	11.5	41.0	52.5
48mm	66.0	65.5	11.5	41.0	52.5
50mm	67.0	72.5	11.5	45.0	56.5