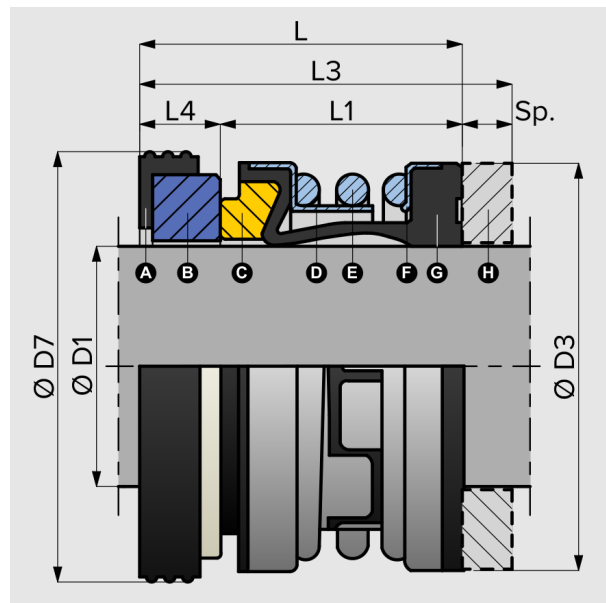
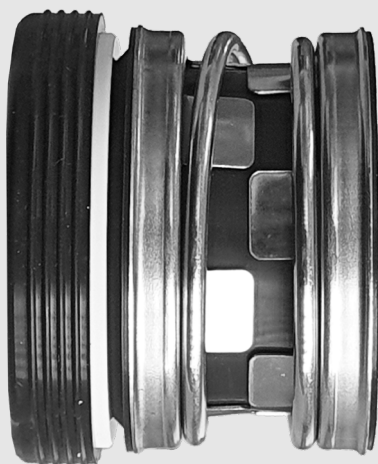


HC1 (IMP)

'TYPE 2100 - IMPERIAL'

SPECIFICATION SHEET



- **Rubber Bellows Drive**
- **To Imperial Dimensions**
- **High Speed**
- **Bi-Directional**

HC1 (IMP) is based on the industry "Type 2100" design with standard length (L) to suit imperial shaft sizes.

The HC1 (IMP) design utilises inter-meshing metal tags which protect the bellows from torsional strain under higher operating speeds.

The alternative length (L3) is dimensionally interchangeable with seal chambers pre-configured for use with "Type 21" or H21 seals, offering a higher performance seal. It uses the standard length (L) seal with an additional spacer.

► Operating conditions¹

Temperature: -20°C to +200°C
 Pressure: < 20 bar, 290 psi, 2 MPa
 Speed: < 15m/s, 3000 fpm
 rpm < 900000/(3.14 x D1)

► Material Options

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

PARTS

- A Stationary Cup
- B Stationary Face / Ring
- C Rotary Face / Ring
- D Rotary Holder
- E Rotary Spring
- F Rotary Drive Collar
- G Rotary Rubber Bellows
- H (alt.) Spacer to H21 W.L.

SEAT OPTIONS

CM standard
 OG o-ring mounted
 N (G50) Euro cup

EQUIVALENT

T2100

DIMENSIONS

D1 = Shaft Size D7 = Seat Cavity D3 = Rotary OD
 L1 = Rotary W.L. L4 = Seat Height L = Overall W.L.
 L3 = Overall W.L. equivalent to H21 Sp. = Spacer

D1	D3	D7	L4	L1	L	L3	Sp.
0.375"	20.0	0.875"	22.2	6.3	15.0	21.3	-
0.500"	24.0	1.000"	25.4	8.0	15.0	23.0	7.2
0.625"	26.0	1.250"	31.8	10.3	15.0	25.3	7.2
0.750"	32.0	1.375"	34.9	10.3	20.0	30.3	2.2
0.875"	36.0	1.500"	38.1	10.3	20.0	30.3	4.0
1.000"	39.0	1.625"	41.3	11.0	20.0	31.0	5.4
1.125"	42.0	1.750"	44.5	11.0	26.0	37.0	1.0
1.250"	46.0	1.875"	47.6	11.0	26.0	37.0	1.0
1.375"	49.0	2.000"	50.8	11.0	26.0	37.0	2.5
1.500"	54.0	2.125"	54.0	11.0	30.0	41.0	-
1.625"	56.0	2.375"	60.3	12.7	30.0	42.7	5.0
1.750"	61.0	2.500"	63.5	12.7	30.0	42.7	5.0
1.875"	64.0	2.625"	66.7	12.7	30.0	42.7	8.0
2.000"	66.0	2.750"	69.9	12.7	30.0	42.7	8.0
2.125"	69.0	3.000"	76.2	14.3	30.0	44.3	13.0
2.250"	77.0	3.125"	79.4	14.3	33.0	47.3	10.0
2.375"	80.0	3.250"	82.6	14.3	33.0	47.3	13.0
2.500"	83.0	3.375"	85.7	14.3	33.0	47.3	13.0
2.625"	88.0	3.375"	85.7	16.0	33.0	49.0	-
2.750"	89.0	3.500"	88.9	16.0	33.0	49.0	-
2.875"	96.0	3.750"	95.3	16.0	33.0	49.0	-
3.000"	99.0	3.875"	98.4	16.0	40.0	56.0	-
3.125"	103.0	4.000"	101.6	19.8	40.0	59.8	-
3.250"	104.0	4.125"	104.8	19.8	40.0	59.8	-
3.375"	108.0	4.250"	108.0	19.8	40.0	59.8	-
3.500"	112.0	4.375"	111.1	19.8	40.0	59.8	-
3.625"	114.0	4.500"	114.3	19.8	40.0	59.8	-
3.750"	118.0	4.625"	117.5	19.8	40.0	59.8	-
3.875"	122.0	4.750"	120.7	19.8	40.0	59.8	-
4.000"	124.0	4.875"	123.8	19.8	40.0	59.8	-

*for L3, available with extended bellows (HC21) in lieu of spacer