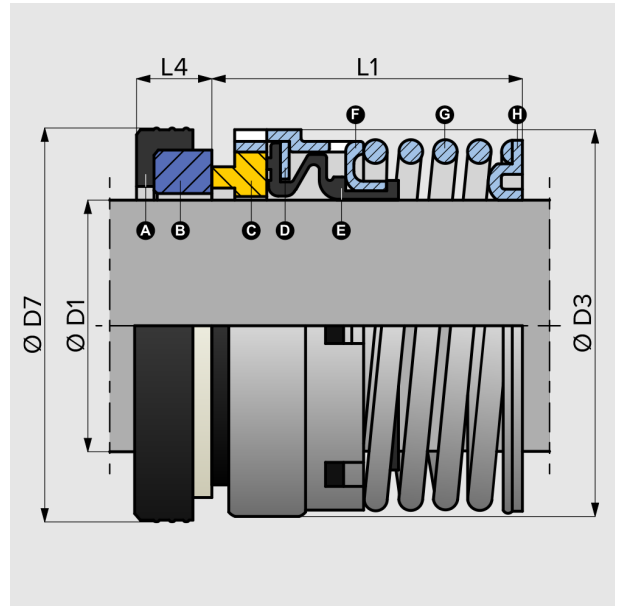


H1US

'TYPE 1 - US'
SPECIFICATION SHEET

- Suits US Imperial sizes
- Long working length
- Alternate drive band design

H1US suits the same US imperial standards as H21, but has a narrower profile and longer working length. The drive band is designed differently such that the spring is positioned to sit up against the back of the drive band.

► Operating conditions

Temperature: -40°C to +200°C
Pressure: up to 12.5 bar, 180 psi
Speed: up to 18m/s, 3500 fpm

► Material Options

Rotary Face: CAB or SiC
Stationary Face: CER, SiC or TC
Elastomer: N or V
Metal Parts: Stainless Steel

PARTS

- A Seat Cup
- B Seat (CM Standard)
- C Rotary Face
- D Retainer
- E Rubber Diaphragm
- F Drive Band
- G Spring
- H Spring Cap

EQUIVALENT

43 CU Long
Type 1
Type 1B*
P05U
Type A5*
MG901

*Balanced version

STANDARD SEAT

CM, G55 US Cup Seat
OG US O-ring Seat

ALTERNATIVE SEAT

N, G50 Euro Cup Seat
W Euro O-ring Seat

DIMENSIONS

D1 = Shaft Size D7 = Seat Cavity L1 = Rotary Length
D3 = Rotary OD L4 = Seat Thickness

D1	D7	L4	D3	L1	
0.500"	1.000"	25.4	8.0	23.8	30.2
0.625"	1.250"	31.8	10.3	27.8	33.3
0.750"	1.375"	34.9	10.3	30.9	33.3
0.875"	1.500"	38.1	10.3	35.7	34.9
1.000"	1.625"	41.3	11.0	38.1	39.7
1.125"	1.750"	44.5	11.0	41.3	41.3
1.250"	1.875"	47.6	11.0	46.0	41.3
1.375"	2.000"	50.8	11.0	47.6	43.1
1.500"	2.125"	54.0	11.0	50.8	42.8
1.625"	2.375"	60.3	12.7	57.2	50.8
1.750"	2.500"	63.5	12.7	60.3	50.8
1.875"	2.625"	66.7	12.7	63.5	54.0
2.000"	2.750"	69.9	12.7	66.7	54.0
2.125"	3.000"	76.2	14.3	71.4	60.3
2.250"	3.125"	79.4	14.3	74.6	60.3
2.375"	3.250"	82.6	14.3	77.9	63.5
2.500"	3.375"	85.7	14.3	80.9	63.5
2.625"	3.375"	85.7	16.0	85.7	69.9
2.750"	3.500"	88.9	16.0	88.9	69.9
2.875"	3.750"	95.3	16.0	92.1	73.0
3.000"	3.875"	98.4	16.0	95.3	73.0
3.125"	4.000"	101.6	19.8	101.6	79.4
3.250"	4.125"	104.8	19.8	104.8	79.4
3.375"	4.250"	108.0	19.8	108.0	79.4
3.500"	4.375"	111.1	19.8	111.1	79.4
3.625"	4.500"	114.3	19.8	114.3	82.6
3.750"	4.625"	117.5	19.8	117.5	82.6
3.875"	4.750"	120.7	19.8	120.7	85.7
4.000"	4.875"	123.8	19.8	123.8	85.7