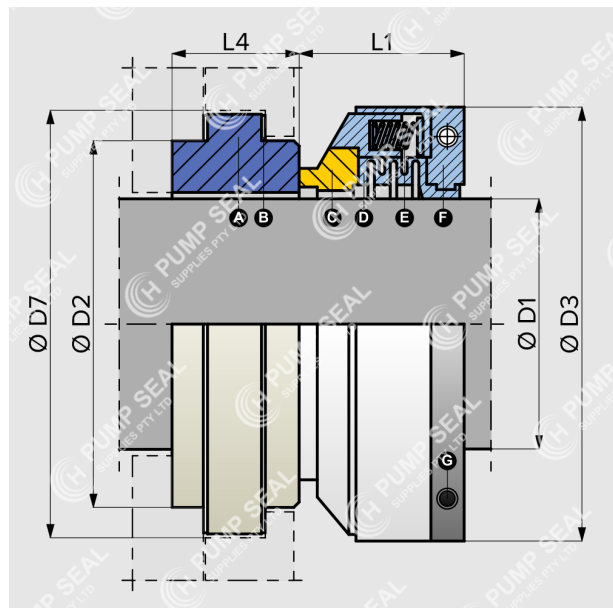


H10T / H10R

'TYPE 10T / H10R - PTFE BELLOWS SPECIFICATION SHEET



- ▶ **PTFE bellows**
- ▶ **Externally Mounted**
- ▶ **Non-metallic**
- ▶ **Multi-spring arrangement**

H10T is a PTFE bellows seal designed for external mounting in extremely corrosive duties.

H10T is PTFE rotary on CER seat. It has a higher duty and transient pressure ratings.

H10R uses SiC/SiC hard faces and is replaceable, suitable for abrasive applications.

The "V" seat set of dimensions are specific to H10T / H10R sharing the same bore sizes between imperial and metric.

An alternative flushed "U" seat is available

▶ **Operating conditions**

Temperature: -45°C to +120°C
 Pressure: up to 13 bar, 185 psi
 Speed: up to 16m/s, 3150 fpm

▶ **Material Options**

Rotary Face: PTFE or SiC
 Stationary Face: CER or SiC
 Gaskets: Glass Filled PTFE
 Bellows: Composite PTFE
 Metal Parts: Stainless Steel

▶ **Parts**

- A** Clamped "V" Seat
- B** PTFE Gasket
- C** Rotary Face
- D** PTFE Bellows
- E** Multi-spring
- F** Drive Collar
- G** Clamping Set Screw

DIMENSIONS

D1	D1	D3	D7 (BORE)	D2 (BORE)	L4	L1
0.750"	16, 18mm	54.0	48.0	36.51 1-7/16"	17.6	31.0
0.875"	20, 22mm	57.0	51.0	39.69 1-9/16"	17.6	31.0
	24mm	61.0	54.0	42.86 1-1/16"	17.6	33.0
1.000"	25mm	61.0	54.0	42.86 1-1/16"	17.6	33.0
1.125"	28mm	67.0	65.0	50.80 2.000"	27.0	36.0
	30mm	70.0	68.0	53.98 2.125"	27.0	37.0
1.250"	32mm	70.0	68.0	53.98 2.125"	27.0	37.0
	33mm	73.0	71.0	57.15 2.250"	27.0	38.0
1.375"	35mm	73.0	71.0	57.15 2.250"	27.0	38.0
1.500"	38mm	76.0	78.0	63.50 2.500"	27.0	38.0
1.625"	40mm	80.0	81.0	66.68 2.625"	27.0	40.0
	43mm	83.0	84.0	69.85 2.750"	27.0	40.0
1.750"	45mm	83.0	84.0	69.85 2.750"	27.0	40.0
	48mm	86.0	87.0	73.03 2.875"	27.0	43.0
2.000"	50mm	89.0	97.0	79.38 3.125"	33.3	43.0
	53mm	89.0	97.0	79.38 3.125"	33.3	43.0
2.125"	55mm	103.0	100.0	82.55 3.250"	33.3	53.0
	58mm	107.0	103.0	85.73 3.375"	33.3	53.0
2.250"	60mm	110.0	106.0	88.90 3.500"	33.3	53.0
	63mm	110.0	106.0	88.90 3.500"	33.3	53.0
2.500"	65mm	113.0	110.0	92.08 3.625"	33.3	53.0
2.625"	68mm	116.0	113.0	95.25 3.750"	33.3	53.0
	70mm	118.0	116.0	98.43 3.875"	33.3	53.0
2.750"	75mm	118.0	116.0	98.43 3.875"	33.3	53.0
2.875"		122.0	117.0	100.01 3-15/16"	33.3	53.0
3.000"	80mm	126.0	121.0	103.19 4-1/16"	33.3	53.0
3.250"	85mm	150.0	132.0	114.30 4.500"	33.3	73.0
3.500"	90mm	156.0	138.0	120.65 4.750"	33.3	73.0
	95mm	163.0	144.0	127.00 5.000"	33.3	73.0
3.750"	100mm	163.0	144.0	127.00 5.000"	33.3	73.0
4.000"		169.0	151.0	133.35 5.250"	33.3	73.0