

# Diaphragm seal

## Slip ring coupled type



### Features:

- Diaphragm directly welded to top chamber
- Easy to clean
- Easy to change process connection / bottom chamber

### Applications:

- Diaphragm seals are designed to isolate the sensing element of pressure gauges and pressure switches from process fluids that they may be corrosive, viscous, sedimentous and / or with a high temperature.

### Standard Parameters

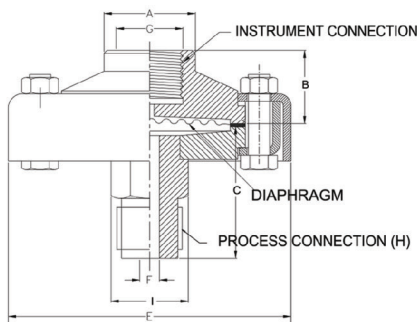
|                       |   |
|-----------------------|---|
| Seal type & Range     | : T06 = -1 to 0 kg/cm <sup>2</sup> & 0 to 70 kg/cm <sup>2</sup> (Standard version)<br>: T07 = -1 to 0 kg/cm <sup>2</sup> & 0 to 70 kg/cm <sup>2</sup> (extended neck) |
| Process temperature   | : - 40 °C to 200 °C or as per fill fluid  |
| Instrument connection | : 1/2" BSP[F]   |
| Process connection    | : 1/2" BSP[M]   |
| Fill fluid            | : Silicon Oil - DC 200  |
| Mounting              | : Direct (without capillary)  |

### Materials of Construction

|                |                |
|----------------|----------------|
| Diaphragm      | : AISI 316L SS |
| Top chamber    | : AISI 304 SS  |
| Bottom chamber | : AISI 316 SS  |
| Nuts / bolts   | : AISI 304 SS  |
| Sealing gasket | : PTFE         |
| Tension Flange | : AISI 304 SS  |

## Dimensional drawing

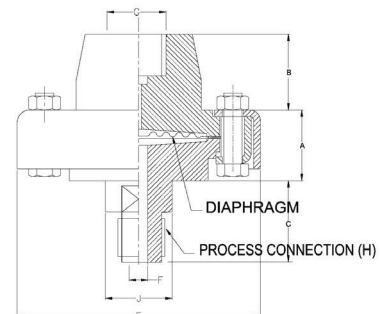
Type T06 (Standard version)



| A  | ~B | ~C | E  | F | G           | H           | I      | Wt.  |
|----|----|----|----|---|-------------|-------------|--------|------|
| 30 | 27 | 45 | 93 | 6 | 1/2" BSP[F] | 1/2" BSP[M] | 22 HEX | 1250 |

Wt. = Approx. weight in grams

Type T07



| A  | ~B | ~C | E  | F | G           | H           | J  | Wt.  |
|----|----|----|----|---|-------------|-------------|----|------|
| 27 | 29 | 32 | 93 | 6 | 1/2" BSP[F] | 1/2" BSP[F] | 25 | 1250 |

Wt. = Approx. weight in grams

Note: ● Drawings are not to scale ● All dimensions are in mm

