

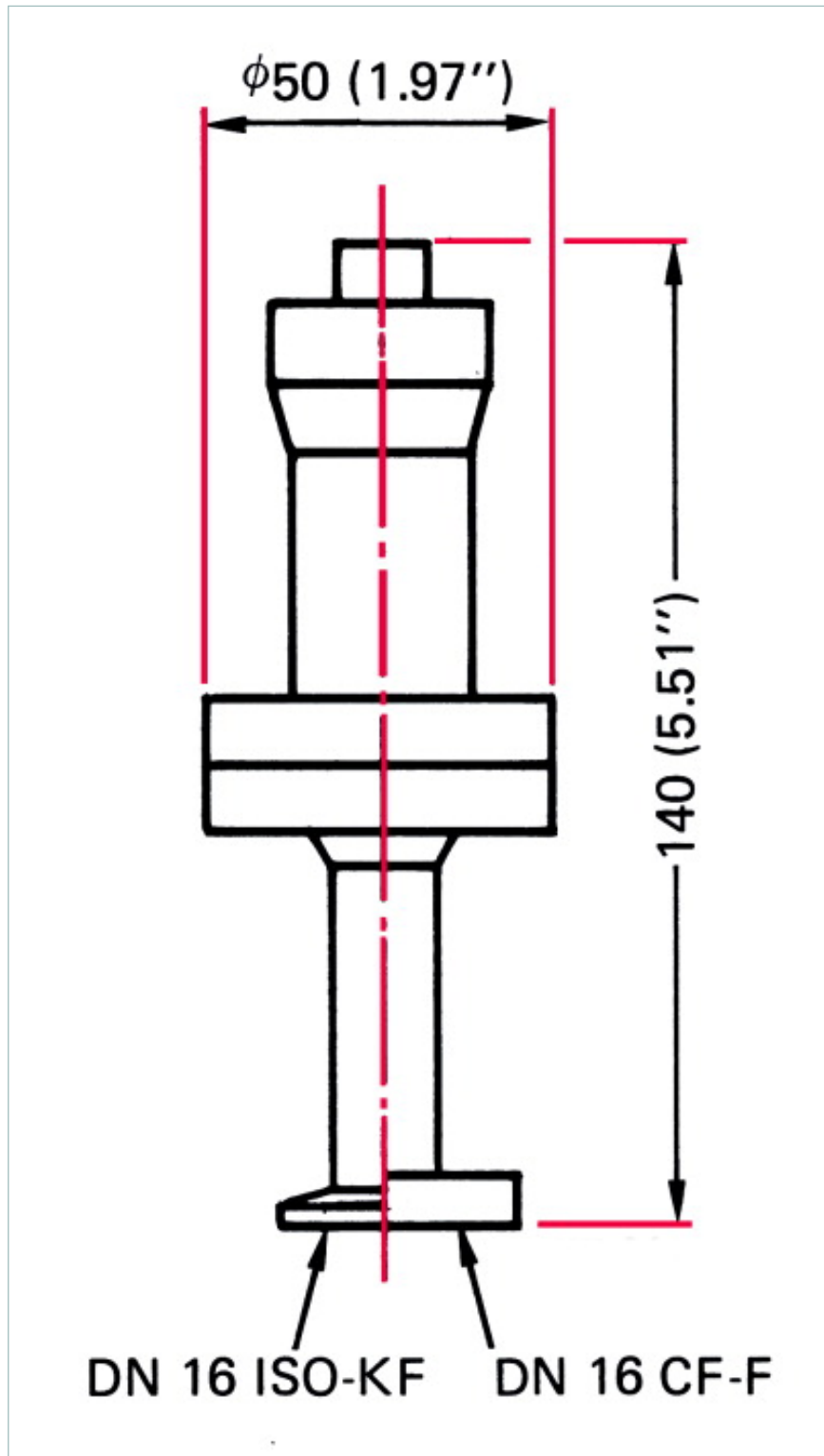
# Pirani gauge heads



### Pirani gauge head TPR 018, UHV, DN 16 ISO-KF

- Flange size: DN 16 ISO-KF
- For UHV
- Limited measurement and switching accuracy above 100 and below  $10^{-3}$  hPa

#### Dimensions



A	140 mm
B	50 mm

Technical Data		Pirani gauge head TPR 018, UHV, DN 16 ISO-KF
Bakeout temperature		250 °C   482 °F   523 K
Chamber wall, inside		Stainless steel
Filament/holder		T/Ni
Insulator		Al <sub>2</sub> O <sub>3</sub>
Measurement range max.		1,000 hPa   750 Torr   1,000 mbar
Measurement range min.		8 · 10 <sup>-4</sup> hPa   6 · 10 <sup>-4</sup> Torr   8 · 10 <sup>-4</sup> mbar
Method of measurement		Pirani
Nominal diameter		DN 16 ISO-KF
Operating temperature: high temperature sensor cable		0-120 °C   32-248 °F   273-393 K
Operating temperature: standard sensor cable		0-80 °C   32-176 °F   273-353 K
Radiation resistance		1 · 10 <sup>4</sup> Gy
Weight		0.6 kg   1.32 lb

Order number	
Pirani gauge heads	PT R15 010

Accessories	
<b>Gauge head accessories</b>	
Sensor cable, TPR 017/018, 3.0 m, 80 °C	PT 548 308-T
Sensor cable, TPR 017/018, 6.0 m, 80 °C	PT 548 309-T