

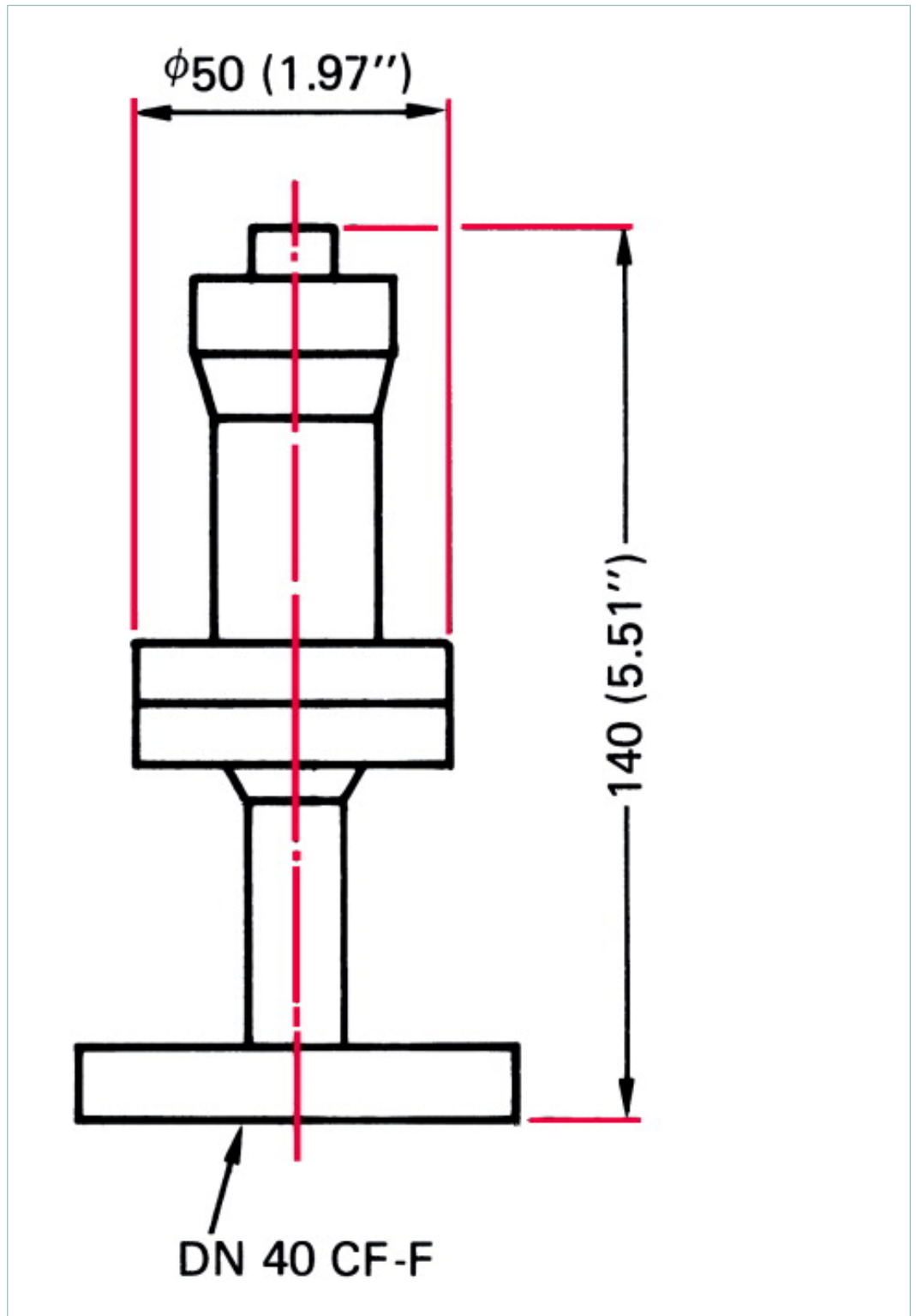
# Pirani gauge heads



### Pirani gauge head TPR 018, UHV, DN 40 CF-F

- Flange size: DN 40 CF-F
- For UHV
- Limited measurement and switching accuracy above 100 and below  $10^{-3}$  hPa

#### Dimensions



Technical Data	Pirani gauge head TPR 018, UHV, DN 40 CF-F
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 40 CF-F
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 014

Accessories	
<b>Gauge head accessories</b>	
Extension for sensor cable, TPR 010/017/018, 30 m, 80 °C	PT 548 470-T
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