



# Cold cathode gauge heads



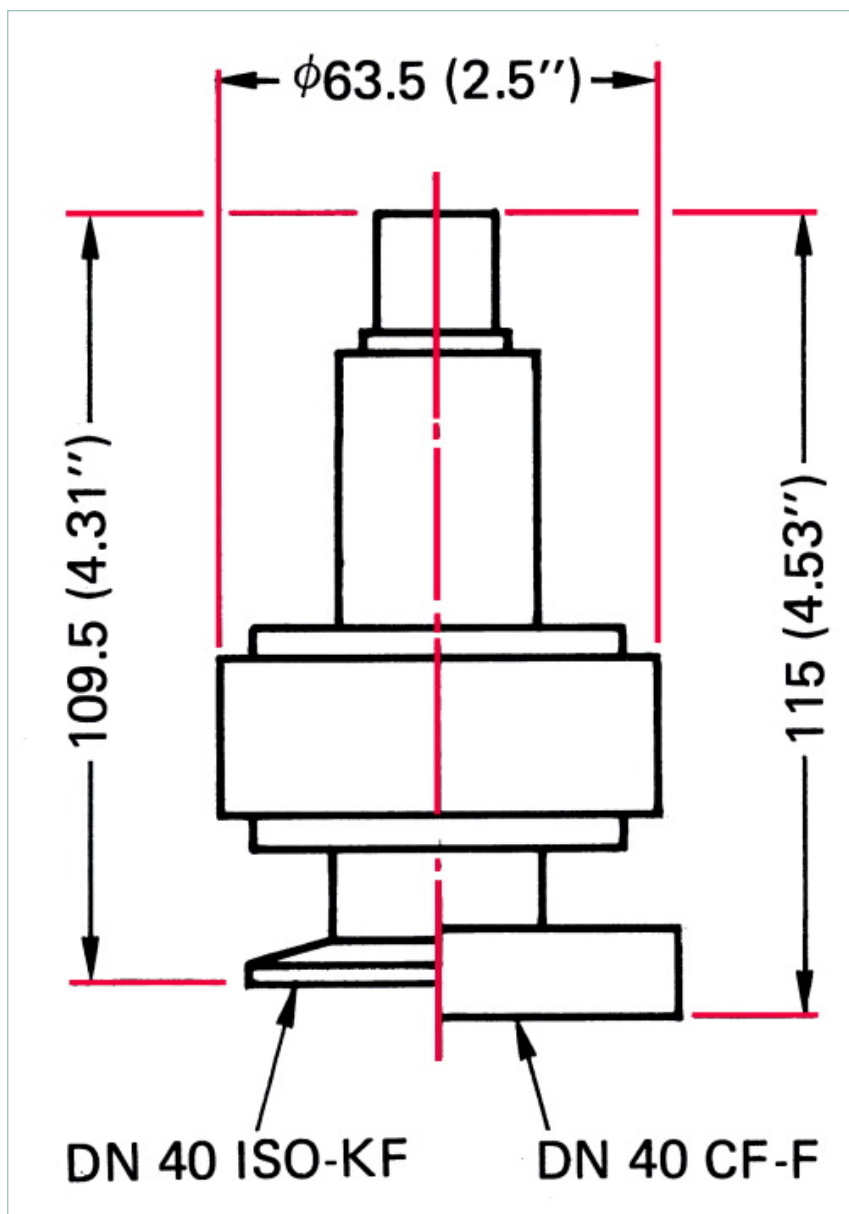


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## Cold cathode gauge head IKR 070, triaxial, metal seal, DN 40 ISO-KF

- Flange size: DN 40 ISO-KF
- For UHV
- Radiation-resistant

### Dimensions



A	109.5 mm
B	63.5 mm

Technical Data	Cold cathode gauge head IKR 070, triaxial, metal seal, DN 40 ISO-KF
Bakeout temperature	250 °C   482 °F   523 K
Flange	Stainless steel
Insulator	Al <sub>2</sub> O <sub>3</sub>
Internal seal	Silver
Measurement range max.	5 · 10 <sup>-3</sup> hPa   3.75 · 10 <sup>-3</sup> Torr   5 · 10 <sup>-3</sup> mbar

Technical Data		Cold cathode gauge head IKR 070, triaxial, metal seal, DN 40 ISO-KF	
Measurement range min.		1 · 10 <sup>-11</sup> hPa	7.5 · 10 <sup>-12</sup> Torr   1 · 10 <sup>-11</sup> mbar
Method of measurement		Cold Cathode	
Nominal diameter		DN 40 ISO-KF	
Operating temperature: standard sensor cable		5-80 °C	41-176 °F   278-353 K
Radiation resistance		1 · 10 <sup>7</sup> Gy	
Weight		0.6 kg	1.32 lb

Order number	
Cold cathode gauge heads	PT R20 501

Accessories	
<b>Gauge head accessories</b>	
Sensor cable, IKR 070, 3.0 m, 80 °C	PT 548 306-T
Sensor cable, IKR 070, 6.0 m, 80 °C	PT 548 317-T