



IMR 265, high-pressure hot cathode, DN 40 CF-F

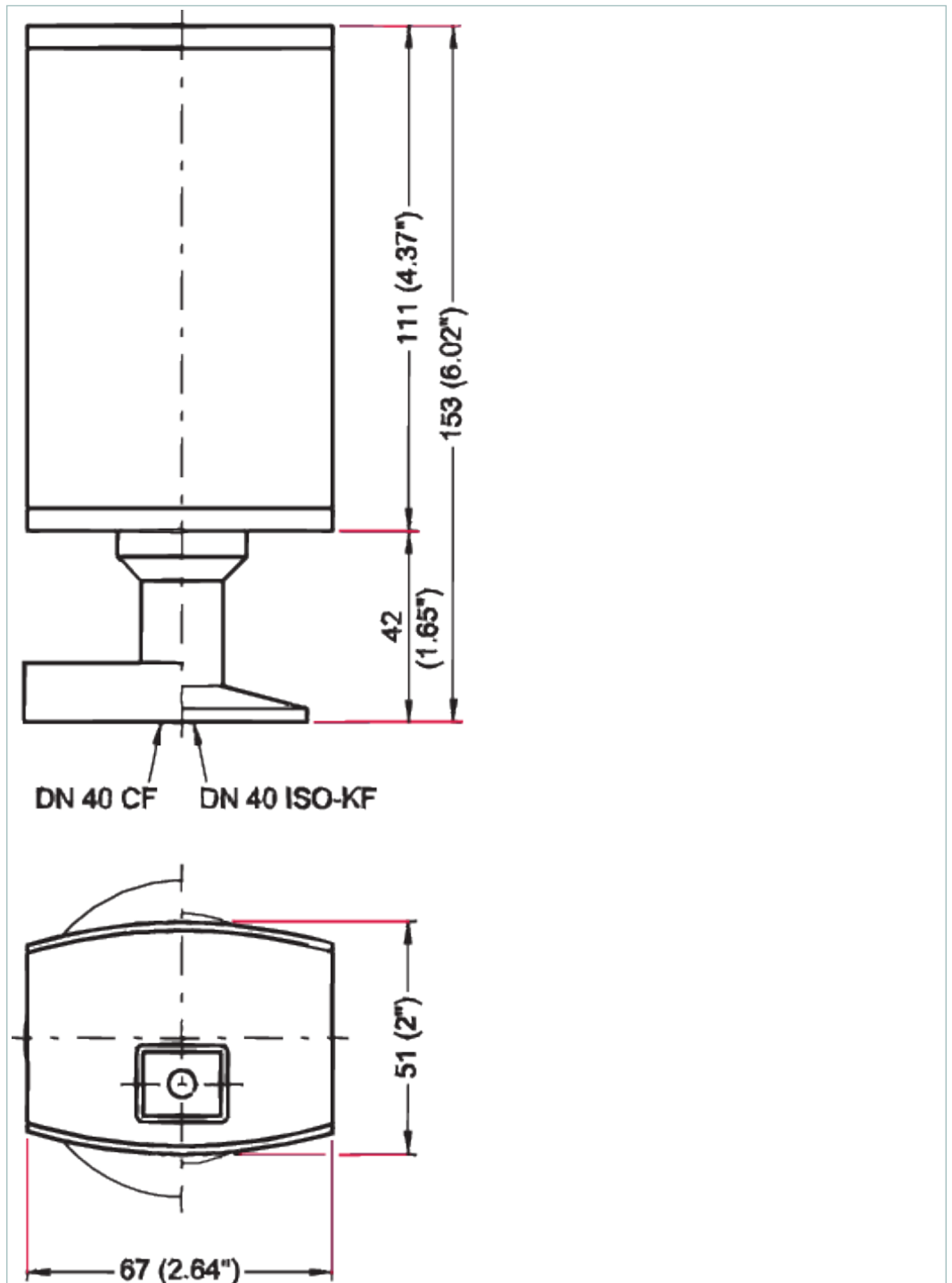


Similar Image

IMR 265, high-pressure hot cathode, DN 40 CF-F

- Flange size DN 40 CF-F
- The maximum pressure applies to inert gases and temperatures below 55 °C
- Two gauge heads (Pirani and hot cathode) in a single case
- High measurement accuracy
- Automatic cathode protection
- Corrosion resistant

Dimensions



Technical Data	IMR 265, high-pressure hot cathode, DN 40 CF-F
Accuracy of measurement in range 1	15 % (1 · 10 ⁻⁵ hPa – 1 hPa)
Ambient temperature	0-50 °C 32-122 °F 273-323 K
Bakeout temperature max.(electronics removed)	150 °C 302 °F 423 K
Connection flange	DN 40 CF-F
Filament	Iridium coated with Y ₂ O ₃
Filament holder	Pt Mo
Flange, material	Stainless steel
Input voltage(s)	20 – 30 V DC
Insulator	Glass
Materials in contact with media	Stainless steel
Measurement cable length	100 m
Measuring method	Hot cathode process
Measuring range	2 · 10 ⁻⁶ – 1 · 10 ³ hPa
Output signal: Measuring range hot cathode	1.5 – 7.5 V
Output signal: Measuring range Pirani	8.5 – 9.75 V
Output signal: Minimum load	10 kΩ
Pirani measurement element	Copper Tungsten
Power consumption max.	16 W
Pressure max.	5,000 hPa 3,750 Torr 5,000 mbar
Repeatability in range 1	2 % (1 · 10 ⁻⁵ hPa – 1 · 10 ⁻¹ hPa)
Repeatability in range 2	30 % (1 · 10 ⁻¹ hPa – 100 hPa)
Temperature: Storage	-20-70 °C -4-158 °F 253-343 K
Volume	34 cm ³
Weight	0.55 kg 1.21 lb

Order number	
IMR 265	PT R26 503

Accessories	
Adapters (electrical) Adapter Measurement	
Mating connector, 6 pole	B4707283MA
Control units Gauge controllers	
TPG 366 indicator and controller for 6 gauges	PT G28 770
Control units Power supply packs and display units	
OmniControl 200, rack unit with integrated power supply pack	PE D52 110 0
OmniControl 200, table unit with integrated power supply pack	PE E52 110 0
Monitoring Pressure Sensors	
Measurement cable, 3 m	PT 448 250 -T
OmniControl 200, table unit with integrated power supply pack	PE E52 100 0

VACUUM SOLUTIONS FROM A SINGLE SOURCE

Pfeiffer Vacuum stands for innovative and custom vacuum solutions worldwide, technological perfection, competent advice and reliable service.

COMPLETE RANGE OF PRODUCTS

From a single component to complex systems:

We are the only supplier of vacuum technology that provides a complete product portfolio.

COMPETENCE IN THEORY AND PRACTICE

Benefit from our know-how and our portfolio of training opportunities!

We support you with your plant layout and provide first-class on-site service worldwide.

Are you looking for a
perfect vacuum solution?
Please contact us:

Pfeiffer Vacuum GmbH
Headquarters · Germany
T +49 6441 802-0
info@pfeiffer-vacuum.de

www.pfeiffer-vacuum.com

All data subject to change without prior notice.

PFEIFFER  **VACUUM**