

PRESSURE RELIEF VALVE

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A compact, stainless-steel pressure relief valve with a DN 16 ISO-KF connection flange, a tension-spring return drive, leak tightness below 1×10^{-7} mbar-l/s, and a maximum permissible pressure of < 2000 mbar, engineered for clean, dry vacuum environments.

The pressure relief valves (PRV) are engineered to prevent overpressure in a vacuum system, automatically releasing excess pressure and maintain system integrity.

Built with high-grade stainless steel and offering leak-tight performance, they ensure reliable operation and long-term durability.

Designed for clean, dry indoor environments, these valves are ideal for pumps and small to medium vacuum system.



Features and benefits

1 Automatic Overpressure Protection

Opens at pressures above 1150 mbar to prevent system overpressure and maintain safe operating conditions.

2 Leak-Tight Construction

Ensures reliable system performance and minimizes the risk of contamination or performance loss.

3 Compact & Lightweight Design

Enables easy installation and integration into a wide range of vacuum system configurations.

4 Ready for Clean, Dry Environments

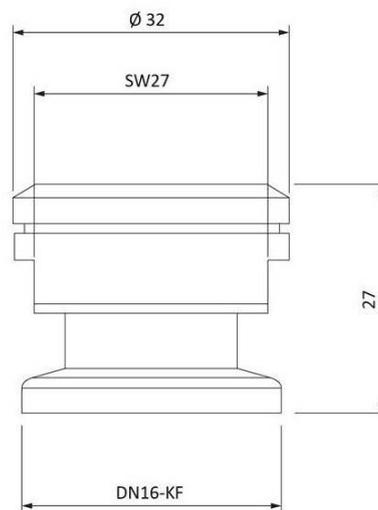
Ideal for pumps and small to medium vacuum systems used in controlled indoor settings.

Technical Data

Connection flange	DN 16 ISO-KF
Operation altitude	Free
Smallest upstream flow cross-section surface area	205 mm ²
Drive type	Tension spring return
Leak tightness	< 1x10 ⁻⁷ mbar l/s
Maximum permissible pressure, absolute	< 2000 mbar
Temperatures*	
Ambient temperature	5- 50 °C
Storage temperature	15- 60 °C
Baking temperature	< 80 °C
Weight	< 100 g

* For higher temperatures, please contact us

Dimensions Drawing



Ordering Information

Product description	Order number
PRV16 Pressure Relief Valve NBR	C41637000
PRV16 Pressure Relief Valve FKM	C41637200

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