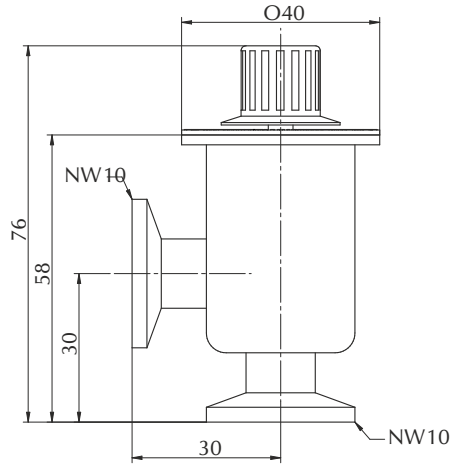
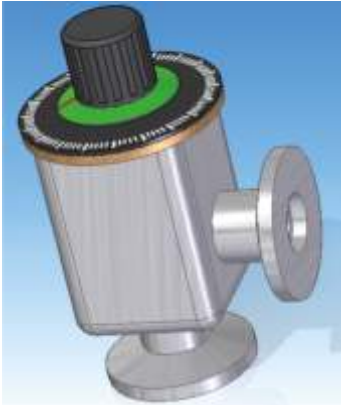


NEEDLE VALVE

Main applications

The NV needle valve provides fine control of gas bleed into a vacuum chamber or a regulated leak to control pressure in a vacuum system and is suitable for gas admission. Suitable for pipeline or panel mounting.



ORDER CODE-FVT8101NV

Features

Provides fine control down to 10^{-5} torr.
Suits the pressure range 10^{-3} to 10^{-4} torr.

Material

Body: HE30, Seat: Brass, Needle: SS 304, Filter: Brass BS249.

Leak Rate

Maximum leak rate across seat: 10^{-7} mbar l s⁻¹ / 8×10^{-8} Torr l s⁻¹
Maximum leak rate across body: 10^{-7} mbar l s⁻¹ / 8×10^{-8} Torr l s⁻¹
Vacuum connection: NW10
Maximum flow rate: (approx.) 0.1 l s⁻¹
Maximum inlet pressure: 2000 mbar / 1500 Torr
Weight: 0.16Kg



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