

Overview



Description

The NV2-M14 is a screw-in, cartridge-style hydraulic needle valve used as a flow restrictor valve in hydraulic circuits.

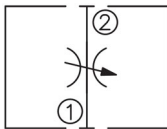
Operation

The NV2-M14 valve increases its flow path from a fully closed position to a fully open position by turning the knob / Allen screw in the counter clockwise rotation.

Features

- Hardened seat for long life and low leakage.
- Desired setting can be locked down.
- Aluminium Knob option.
- Positive shut off.
- Linear adjustment.
- Industry common cavity.

Symbol



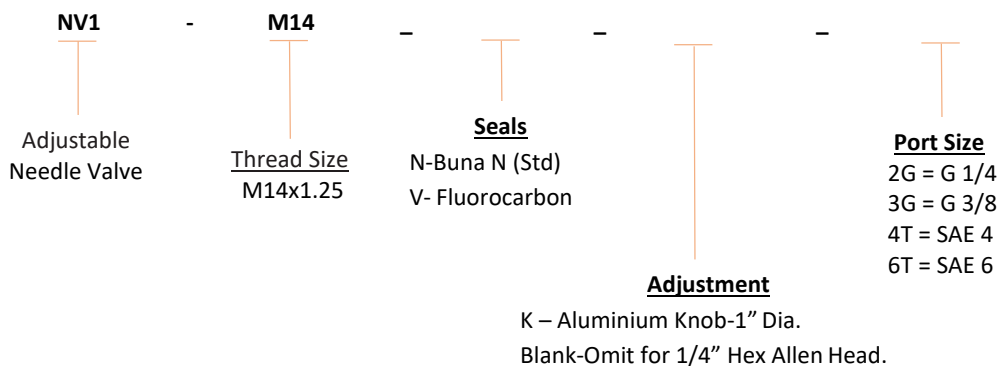
Ratings

Operating Pressure	: 250 bar
Flow Rating	: Refer Pressure drop VS Flow Graph
Internal Leakage	: 5 drops/min max at 250 Bar at fully closed condition.
Temperature	: -40 to 100° C - with buna N Seals (Nitrile) -26 to 204° C - with fluorocarbon Seals (Viton)
Filtration	: Maximum Fluid Contamination Level 20/18/14 as per ISO 4406
Fluids	: Mineral Based Fluids with viscosities of 7.4 to 420 cSt
Cavity	: M14x1.25

Performance

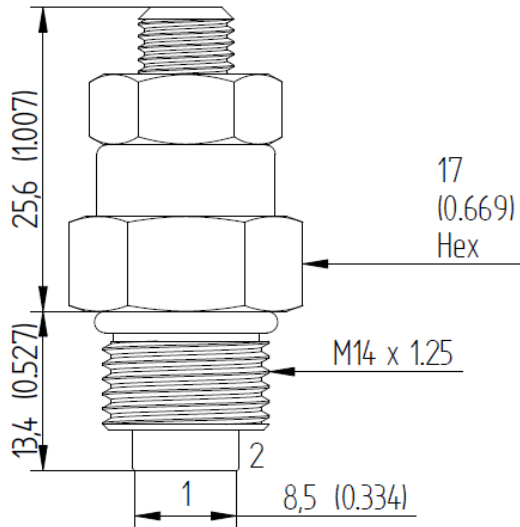
Path : 1 to 2 (or) 2 to 1
Media : ISO VG32 oil @ 40°C

Model Code



Installation Specifications

Unit = Millimeters



Note : Where measurements are critical request certified drawings. We reserve the right to change specifications without notice.