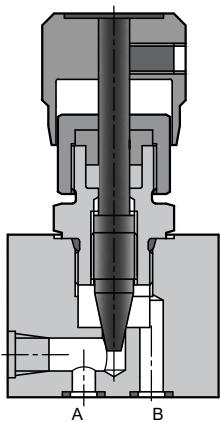


Description

Needle valves model **MSNL06** are rising spindle, seat type valves with metal to metal seat for leak free closure between its port 'A' and Port 'B'

The mounting interface conforms to ISO 5781-AB-03-4-B.

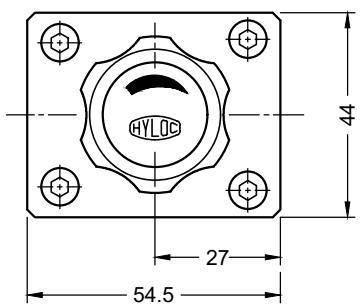
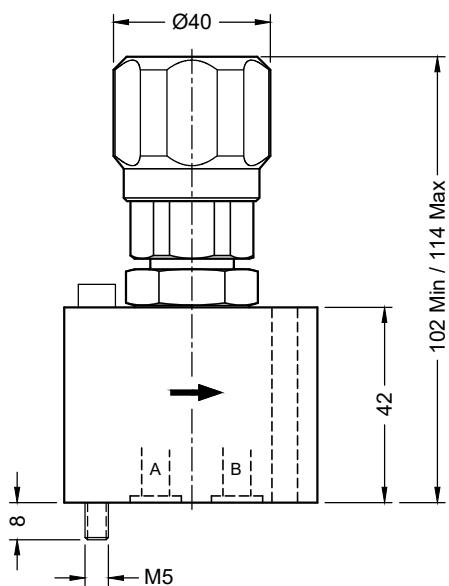
Section



Hydraulic Symbol



Unit Dimensions



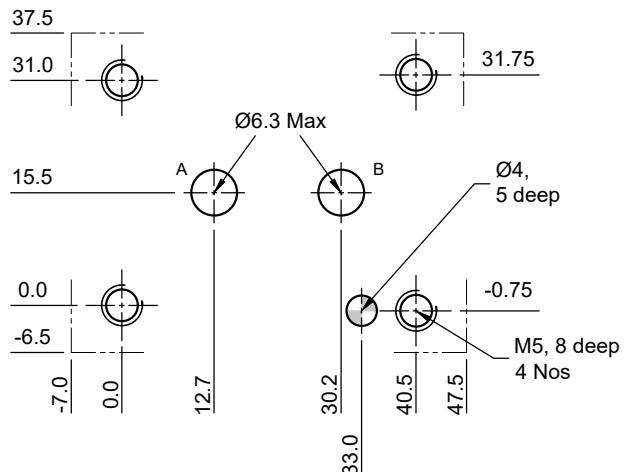
Valve mounting Screws : M5 x 50 Long (10.9) - 4 Nos.

Tightening Torque : 9 Nm

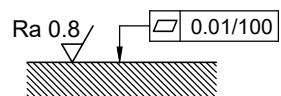
Dimensions in mm.



Mounting Interface



Required surface finish
on Interface area





The right connection
The right environment

Needle Valve, Sub-plate mounting **MSNL06**

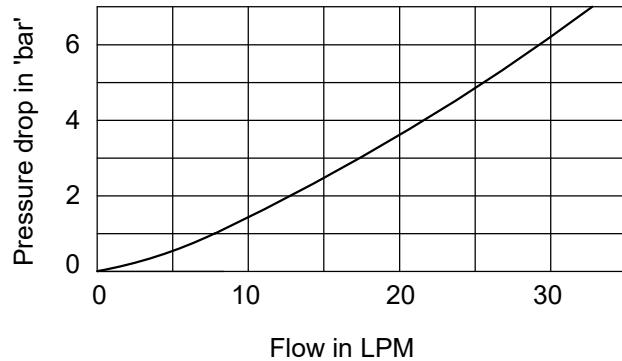
Ref. No. H15674
Release: Dec 2025
ENGINEERING - 2 of 2

Technical Specifications

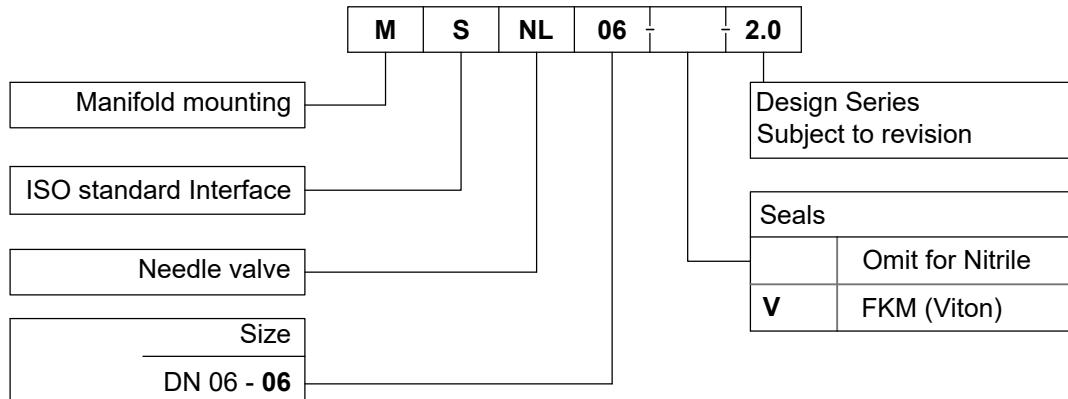
Construction ----- Seat type
Mounting type ----- Sub-plate mounting.
Mounting Interface ----- ISO 5781-AB-03-4-B
Mounting position ----- Optional
Flow direction ----- From 'A' to 'B'
Operating pressure ----- 315 bar.
Hydraulic medium ----- Mineral oil.
Viscosity range ----- 10 cSt to 380 cSt.
Fluid temperature range ----- -20 °C to +80 °C
Fluid cleanliness requirement ----- As per ISO 4406 20/18/15
Mass ----- 0.9 Kg (Approx)
Nom. flow handling capacity ----- Refer graph

Performance curves

Oil used : ISO VG 68
Viscosity : 68 cSt @ 40 °C
Test conducted at : 50 °C
Condition : Valve fully opened



Ordering Code



Note : Add prefix 316 to the above part code for SS 316 Valves.
e.g. **316-MSNL06-2.0**

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Subject to change without notice.

Due to continuous improvement in the design of the product, the actual product supplied may look different than shown above.