



ASTON FITTINGS & FLANGES MANUFACTURING LTD.



Cert. No. LRQ 0961092

Tel: ++44 (0)121-778 6001
Fax: ++44 (0)121-778 6002
sales@astonfittings.com



Tube Ended N Series

General Information

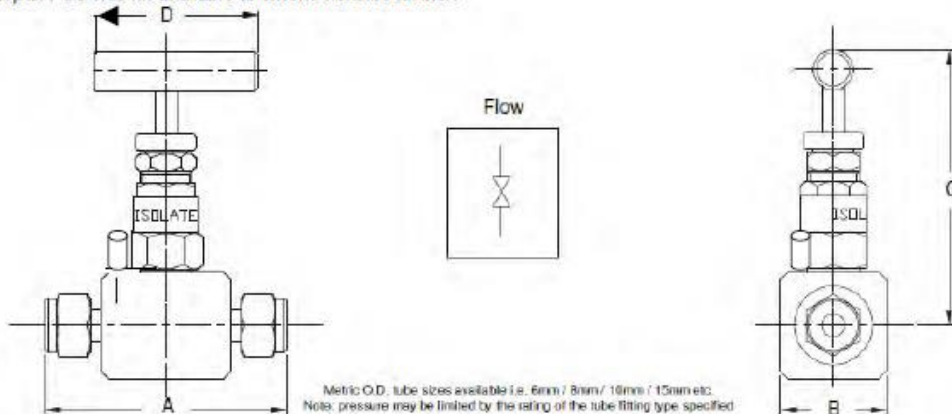
Compression Ended Needle Valve

The standard 'N' series with compression type tube fitting ends. Single isolation hand valve utilising metal to metal seat and body to bonnet connection for superior, bubble tight sealing capabilities at both extreme pressures and temperatures. The N series also offers non-rotating hardened tip for extended service life. The unique anti-vibration cam locking device at the body bonnet connection is for extra safety. Working pressures are 6,000 psi and 10,000 psi. Maximum working temperature up to 230°C and up to 570°C with GP option.

Design Features

Twin or single ferrule, quick & easy to install compression end connectors.
Bubble tight metal to metal seat for positive shut off.
2 piece non-rotating hardened (17-4PH) tip for first time seal and long service life.
Rated 6,000 psi as standard.
Pressure responsive multi-ring / piston packing for compression and pressure dynamic sealing.
Metal to metal body bonnet seal for high pressure and high temperature sealing.
Positive no slack stem action.
Bi-directional flow, with preferred flow indicated.
Back sealing stem to extend packing life.
Repair / Service kit available to extend field life further.

Temperature range -100°C to 230°C (570°C with GP option).
Unique bonnet locking cam. No accidental removal of head unit, or loosening due to vibration.
Actuating threads are above the packings to prevent contamination by the process medium.
Body to bonnet ingress seal fitted as standard to prevent crevice corrosion of bonnet threads.
Available fire safe to BS 6755 Part 2.
Full material traceability of major components.
Materials of construction can be supplied to meet the requirements of NACE MR-01-75.



St/St Part No.	Connection Size	A	B	C	D	Cv	Kv	Weight (kg)
NV8 316SS	½" OD	90	29	76	50	0.75	0.65	0.35

We reserve the right to change tolerances and dimensions without prior notice.

Units 1-3 Eagle Works 2 Springcroft Road Tyseley Birmingham B11 3EL England

Visit our web page at: <http://www.astonfittings.com>

VALVES - FITTINGS - FLANGES

TUBE - INSTRUMENTATION PACKAGES - SUB CONTRACT MACHINING

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