

Needle Valve / Manifold Part No Construction				
Block-1	Block-2	Block-3	Block-4	Block-5
Model No	Inlet	Outlet	Material	Optional Extras
Sample Part No				
A1	07M	07F	AI	AL
In line Needle Valve	1/2 NPT Male	1/2 NPT Female	316 St.St	To Nace

Code Numbers:

Inlet & Outlet (Blocks 2 & 3)

M =Male Thread

F =Female Thread

02M or **F=G¹/₈"** BSP

03M or **F=1/4"** NPT

04M or **F=G¹/₄"** BSP

05M or **F=3/8"** NPT

06M or **F=G³/₈"** BSP

07M or **F=1/2"** NPT

08M or **F=G¹/₂"** BSP

09M or **F=3/4"** NPT

10M or **F=G³/₄"** BSP

11M or **F=1"** NPT

12M or **F=G1"** BSP

13M or **F=R¹/₄"** BSPT

14M or **F=R³/₈"** BSPT

15M or **F=R¹/₂"** BSPT

16M or **F=R³/₄"** BSPT

17M or **F=R1"** BSPT

18M or **F=R¹/₈"** BSPT

Direct Mount Outlet

DMA =IEC Type A

DIR =IEC Type B

Material (Block 4)

AI =316 Stainless Steel

MO =MONEL 400

HA =HASTELLOY C-276

IL =INCONEL 625

IN =INCOLOY 825

TI =TITANIUM Gr.2

DU =DUPLEX UNS

SD =SUPER DUPLEX

HC =HASTELLOY C-22

SA =SUPER AUSTENITIC ST.ST 6% MO

UNS Nos

S31600

N04400

N10276

N06625

N08825

R50400

S31803

S32760

N06022

S31254

Optional Extras (Block 5)

AA =Black Hand Wheel

AB =Anti Tamper Bonnet with Key

AC =Panel Mount Nut on Bonnet

AD =Lockable Handle With Padlock

AE =Captive Bleed Valve

AF =Surface Mount Tapped Holes

AG =Lockable Handle Without Padlock

AH =Captive Bleed Nut

AJ =Metering Tip

AK =Rated 700 bar / 10,000 psi (Dimensions available on requests)

AL =To Nace MR-01-75 (ISO 15156 Latest Edition)

AM =Degreased to Oxygen Standard

AN =KEL-F Soft Tip

AO =Graphoil Packing

AP =Complete with 56mm Hole Centres (Outlet)

AQ =Complete with Yoke Mounting Bracket for 2 inch N.B (60.3 mm) dia Stand Pipe

AR =Complete with Vent Plugs

AS =Complete with 65 mm Hole Centres (Outlet)

AT =Complete with M10 x 1.5 pitch x 55mm Long Stainless Steel Bolts

AU =Complete with 58.7 mm Hole Centres (Outlet)

AV =Degreased

AW =Complete with M12 x 1.75 pitch x 55mm Long Stainless Steel Bolts

AX =Fire Safe

AY =Rising Plug Type Tip

AZ =Steam Tracing Port 1/4 inch NPT

Note: Please add any additional optional extras in alphabetical order and that all options are not available on all models.

Specifications and dimensions given in this leaflet represent the state of engineering at the time of printing.
Engineering modifications may take place without prior notice.

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SAFETY, QUALITY, RELIABILITY.

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