

## FEATURES

- Back seating to prevent stem blow-out

## APPLICATIONS

- High pressure line shut off
- Instrument isolation
- Liquid & gas services

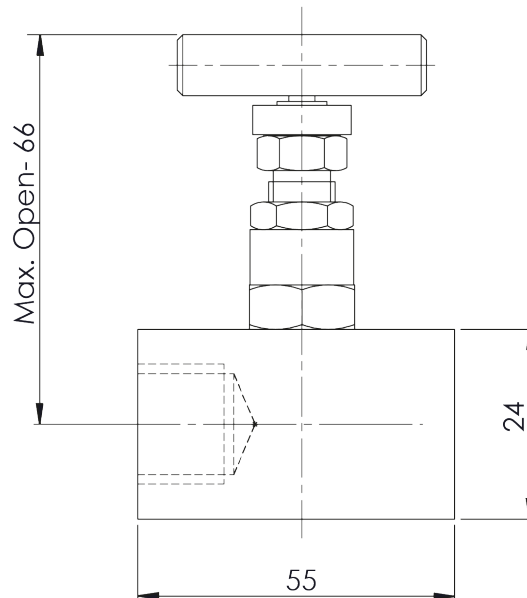
## Isolation



### STANDARD SPECIFICATIONS

Stem type	: Hard seated stem
Wetted parts	: AISI 316 SS
Instrument connection	: 1/2" NPT (F)
Stem packing	: PTFE
Process connection	: 1/2" NPT (F)
Valve form	: Direct
Stem	: Conical metal tip
Max. working pressure	: 6000 psi
Max. working temperature	: 240°C
"T" bar handle	: AISI 316 SS

### DIMENSIONAL DRAWING



All dimensions are in mm.

## ORDERING CODES

### 1. WETTED PARTS

<b>MB</b>	Carbon Steel / ASTM A105	
<b>MC</b>	AISI 304 SS	
<b>MF</b>	AISI 316 SS	<b>MF</b>
<b>MG</b>	AISI 316L SS	
<b>MM</b>	Monel	
<b>MO</b>	Hastelloy C-276	
<b>MD</b>	Super Duplex F51	

### 2. INSTRUMENT CONNECTION

<b>11N</b>	1/8" NPT (M)	
<b>12N</b>	1/4" NPT (M)	
<b>13N</b>	3/8" NPT (M)	
<b>14N</b>	1/2" NPT (M)	
<b>11B</b>	1/8" BSP (M)	
<b>12B</b>	1/4" BSP (M)	
<b>13B</b>	3/8" BSP (M)	
<b>14B</b>	1/2" BSP (M)	
<b>01N</b>	1/8" NPT (F)	
<b>02N</b>	1/4" NPT (F)	
<b>03N</b>	3/8" NPT (F)	
<b>04N</b>	1/2" NPT (F)	<b>04N</b>
<b>01B</b>	1/8" BSP (F)	
<b>02B</b>	1/4" BSP (F)	
<b>03B</b>	3/8" BSP (F)	
<b>04B</b>	1/2" BSP (F)	

### 3. STEM PACKING

<b>P</b>	PTFE	<b>P</b>
<b>G</b>	Grafoil	

### 4. PROCESS CONNECTION

<b>11N</b>	1/8" NPT (M)	
<b>12N</b>	1/4" NPT (M)	
<b>13N</b>	3/8" NPT (M)	
<b>14N</b>	1/2" NPT (M)	
<b>11B</b>	1/8" BSP (M)	
<b>12B</b>	1/4" BSP (M)	
<b>13B</b>	3/8" BSP (M)	
<b>14B</b>	1/2" BSP (M)	
<b>01N</b>	1/8" NPT (F)	
<b>02N</b>	1/4" NPT (F)	
<b>03N</b>	3/8" NPT (F)	
<b>04N</b>	1/2" NPT (F)	<b>04N</b>
<b>01B</b>	1/8" BSP (F)	
<b>02B</b>	1/4" BSP (F)	
<b>03B</b>	3/8" BSP (F)	
<b>04B</b>	1/2" BSP (F)	

### 5. VALVE FORM

<b>A</b>	Angular	
<b>D</b>	Direct	<b>D</b>

### 6. OTHER OPTIONS

<b>TN</b>	NACE standards	
<b>TO</b>	Use for Oxygen service	
<b>TH</b>	Hydro test certificate	
<b>TC</b>	Material test certificate	
<b>XL</b>	Marking by laser	<b>XL</b>
<b>TP</b>	Max working pressure 10.000 psi	

## Ordering Example : N2-MF-04N-P-04N-D-XL

### STANDARD EXECUTION

PACKING MATERIAL	PRESSURE VS TEMPERATURE	
PTFE (High Pressure)	690 bar at 38 °C	10.000 psi at 100 °F
	420 bar at 38 °C	3000 psi at 100 °F
PTFE	276 bar at 204 °C	4000 psi at 400 °F
	420 bar at 38 °C	6000 psi at 100 °F
Graphite	209 bar at 538 °C	3000 psi at 1000 °F

### NOTES

- Other connections are available, please contact factory for details.
- Valve stem dust covers shall be identified with color codes according to their function as ; Blue = ISOLATE