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## DIE ERSTE INDUSTRY CO., LTD.

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## SCREWED BONNET NEEDLE VALVE 6000PSI

## Model: Series NV10

## Body Material

ASTM A351 CF8M, 1.4408 ASTM A216 WCB, 1.0619 Barstock material available upon request

## Size Range

1/4" - 1" (DN8-DN25)

# • Pressure Rating 6000 psig (413 bar)

## End Connection

Female thread, male thread Pipe buttweld, pipe sockweld Tube buttweld, tube socketweld Tube fitting - Lok-type Mixed end connections are available

#### Flow Patterns:

Available in straight and angle flow patterns

## Temperature Range:

PTFE: -20°C ~ +180°C (-4°F~356°F) PEEK: -20'C ~ +240°C (-4°F~464°F) GRAFOIL: -20'C ~ +450°C (-4°F~842°F)

## Operation Type:

T-handle as standard, handwheel optional

## Stem Options:

V-tip stem as standard Non-rotating v-tip stem for high cycle applications may be available

#### Features

Designed for use in general purpose applications to isolate or vent system media Live loaded packing system and packing nut enable easy external adjustment Low operation torque

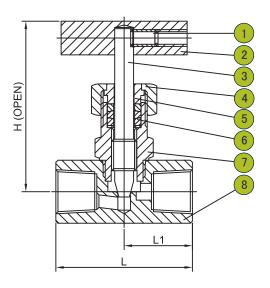
V-tip stem as standard, non-rotating stem may be available upon request Customized options may be available upon request

#### **Materials List:**

| NO. | PART NAME | MATERIAL        |
|-----|-----------|-----------------|
| 1   | SET SCREW | SS304           |
| 2   | HANDLE    | SS410           |
| 3   | STEM      | SS316           |
| 4   | GLAND NUT | SS304           |
| 5   | GLAND     | SS304           |
| 6   | PACKING   | PTFE            |
| 7   | BONNET    | ASTM A-351 CF8M |
| 8   | BODY      | ASTM A-351 CF8M |

#### Dimensions (mm):

|           |         |     | ,   |      |
|-----------|---------|-----|-----|------|
| SIZ<br>in | E<br>DN | н   | L   | L1   |
| 1/8"      | 6       | 75  | 58  | 29   |
| 1/4"      | 8       | 75  | 58  | 29   |
| 3/8"      | 10      | 75  | 58  | 29   |
| 1/2"      | 15      | 87  | 65  | 32.5 |
| 3/4"      | 20      | 90  | 70  | 35   |
| 1"        | 25      | 103 | 80  | 40   |
| 1-1/4"    | 32      | 108 | 90  | 45   |
| 1-1/2"    | 40      | 115 | 100 | 50   |
| 2"        | 50      | 121 | 110 | 55   |



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