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DIE ERSTE INDUSTRY CO., LTD.

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FINE ADJUSTMENT NEEDLE VALVE 6000PSI

Model: Series NV50

Body Material

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

Size Range

1/8" - 1" (DN6-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:

(1)

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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:

Round handle as standard

Stem Options:

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

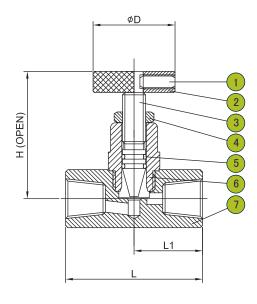
Materials List:

| NO. | PART NAME | MATERIAL |
|-----|-----------|-------------------|
| 1 | SET SCREW | SS304 |
| 2 | HANDLE | SS41 - COATING NI |
| 3 | STEM | SS316 |
| 4 | SET NUT | SS304 |
| 5 | 0-RING | VITON |
| 6 | BONNET | SS316 |
| 7 | BODY | ASTM A-351 CF8M |

Dimensions (mm):

| SIZE | | н | L | L1 | D |
|------|----|------|----|------|----|
| in | DN | l '' | _ | | |
| 1/8" | 6 | 55 | 58 | 29 | 35 |
| 1/4" | 8 | 55 | 58 | 29 | 35 |
| 3/8" | 10 | 55 | 58 | 29 | 35 |
| 1/2" | 15 | 65 | 65 | 32.5 | 35 |
| 3/4" | 20 | 68 | 70 | 35 | 35 |
| 1" | 25 | 73 | 80 | 51 | 35 |





Due to continuous development of the products, dimension and information contained in the document as required without notice. For specific performance data and proper material selection, please consult with your DIE ERSTE representatives

