

SCREWED BONNET PANEL MOUNTABLE NEEDLE VALVE 6000PSI

Model : Series NV20

- 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 butt weld, pipe socket weld
 Tube butt weld, tube socket weld
 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:**
 Panel mountable
 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	SS304
5	SET NUT	SS304
6	PACKING	PTFE
7	BONNET	ASTM A-351 CF8M
8	BODY	ASTM A-351 CF8M

* Optional handwheel in iron
Also available in stainless steel

Dimensions (mm):

SIZE		H	L	L1	D	R	t _{max}
in	DN						
1/4"	8	79	58	29	50	22	7
3/8"	10	79	58	29	50	22	7
1/2"	15	91	65	32.5	60	25	7
3/4"	20	94	70	35	60	25	7
1"	25	107	80	40	80	27	7

