

CRYOGENIC NEEDLE VALVE 6000PSI Model : Series NV40

- **Body Material**
ASTM A351 CF8M, 1.4408
ASTM A216 WCB, 1.0619
Barstock material available upon request
- **Size Range**
Available upon request
- **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)
PCTFE: -200°C~ 180°C (-328°F~356°F)
- **Operation Type:**
T-handle as standard
- **Stem Options:**
V-tip stem as standard
Non-rotating v-tip stem for high cycle applications may be available
- **Features:**
Extended bonnet and PCTFE packing enable lowest temperature application
Live loaded packing system and packing nut enable easy external adjustment
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	PCTFE
7	BONNET	ASTM A-276 GR.316
8	BODY	ASTM A-276 GR.316

* Optional handwheel in iron
Also available in stainless steel

