5F-1, No. 936, Wen-Xin Rd., Sec. 4. Taichung City 406, Taiwan T +886 (4) 2231 0059 F +886 (4) 2236 0236

Shanghai Rm. 1803-A, No. 678, Gu-Bei Rd.. Shanghai, China T +86 (21) 5777 3810 F +86 (21) 5777 3819

DIE ERSTE INDUSTRY CO., LTD.

www.die-erste.com info@die-erste.com

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 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) 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

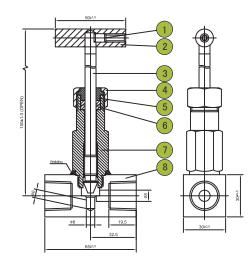
Extended bonnet and PCTFE packing enable lowest temperature application Live loaded packing system and packing nut enable easy external adjustment V-tip stem as standard, non-rotating stem may be available upon request Customized options may be available upon request

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





Copyright © 2015 by DIE ERSTE INDUSTRY CO., LTD. Series NV40 4.0

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



(1)