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DIE ERSTE INDUSTRY CO., LTD. www.die-erste.com info@die-erste.com

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:

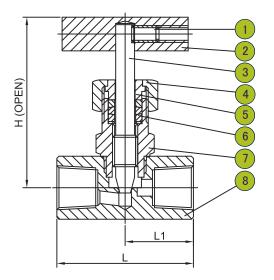
V-tip stem as standard Non-rotating v-tip stem for high cycle applications may be available

• 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:			Dimensions (mm):					
NO.	PART NAME	MATERIAL		SIZ		н		L1
1	SET SCREW	SS304		in	DN		-	L'
2	HANDLE	SS410		1/8"	6	75	58	29
3	STEM	SS316		1/4"	8	75	58	29
4	GLAND NUT	SS304		3/8"	10	75	58	29
5	GLAND	SS304		1/2"	15	87	65	32.5
6	PACKING	PTFE		3/4"	20	90	70	35
7		ASTM A-351 CE8M		1"	25	103	80	40
1	BONNET			1-1/4"	32	108	90	45
8	BODY	ASTM A-351 CF8M		1-1/2"	40	115	100	50
				2"	50	121	110	55



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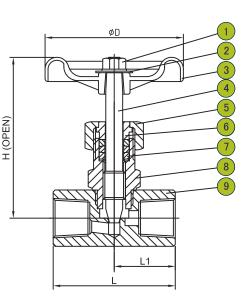


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Materials List:							
NO.	PART NAME	MATERIAL					
1	HANDWHEEL NUT	SS304					
2	NAME PLATE	ALUMINUM					
3	HANDWHEEL	MICO STEEL					
4	STEM	SS316					
5	GLAND NUT	SS304					
6	GLAND	SS304					
7	PACKING	PTFE					
8	BONNET	ASTM A-351 CF8M					
9	BODY	ASTM A-351 CF8M					

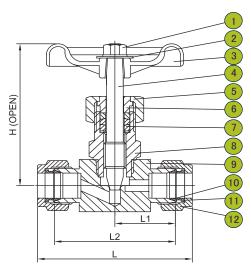
Dimensions (mm):

SIZE				14	_
in	DN	н	L	L1	D
1/8"	6	79	58	29	58
1/4"	8	79	58	29	58
3/8"	10	79	58	29	58
1/2"	15	91	65	32.5	70
3/4"	20	94	70	35	70
1"	25	107	80	40	90
1-1/4"	32	112	90	45	90
1-1/2"	40	120	100	50	100
2"	50	126	110	55	100

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Materials List:

NO.	PART NAME	MATERIAL
1	HANDWHEEL NUT	SS304
2	NAME PLATE	ALUMINUM
3	HANDWHEEL *	MICO STEEL
4	STEM	SS316
5	GLAND NUT	SS304
6	GLAND	SS304
7	PACKING	PTFE
8	BONNET	ASTM A-351 CF8M
9	BODY	SS316
10	FRONT FERRULE	SS316
11	BACK FERRULE	SS316
12	NUT	SS316

* Also available in stainless steel upon request

Dimensions (mm):

SIZ in	E DN	н	L	L1	L2
1/4"	8	79	73	29	58
3/8"	10	79	73	29	58
1/2"	15	79	78.6	29	58
3/4"	20	91	78.6	32.5	65
6 mm		79	73	29	58
8 mm		79	73	29	58
10 mm		79	73	29	58
12 mm		79	78.6	29	58

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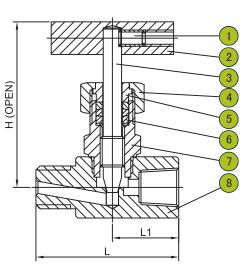


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NO.	PART NAME	MATERIAL				
1	SET SCREW	SS304				
2	HANDLE	SS410				
3	STEM	SS316				
4	GLAND NUT	SS304				
5	GLAND	SS304				
6	PACKING	PTFE				
7	BONNET	ASTM A-351 CF8M				
8	BODY	ASTM A-351 CF8M				

Dimensions (mm):

SIZ	ZE		1	1.4
in	DN	н	L	L1
1/4"	8	75	60	29
3/8"	10	75	60	29
1/2"	15	87	70	32.5
3/4"	20	90	75	35
1"	25	103	85	40

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