Bonnet Advantages

Plastic Sleeve (anti-shock) with SS T-bar handle (Nylon knob handle optional)

Double Grub Screw for Anti Vibration Hold

SS / Plastic Dust Caps to indicate application. (Red - Drain, Green - Equalizer, Blue - Isolate)

Silver plated Bonnet Pusher for Anti Galling / Freezing. (Material same as Body, Bonnet and Spindle)

Bonnet pusher Locking Nut. (Material same as Body, Bonnet and Spindle)

Bonnet with blow out proof Stem Design (Material same as Body, Bonnet pusher and Spindle)

Packing Washer

(Material same as Body, Bonnet and Spindle)

Teflon Packing (Standard) (Choice of Packing available. Refer Ordering Instructions)

Strong, adjustable Locking Arrangement

(Locking Pin also available)

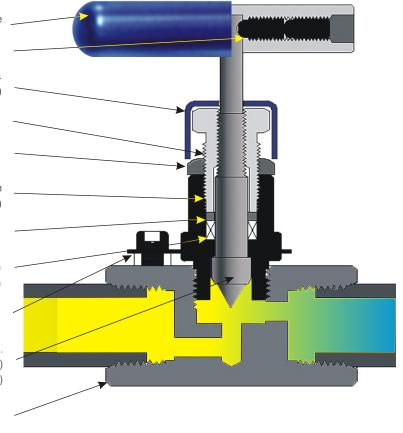
Spindle Non Rotating Tip, Thread Rolled and burnished.

(Material same as Body and Bonnet, Shut-Off Tip (standard)

Choice of Regulating and Soft Tip (otional))

Rody

(Choice of Material available. Choice of End Connection, Tube Fitting/NPT/ISOT/ISOP/Weld, Refer Ordering Instructions)



Dust Caps Color Coding



Drain





Equalize

Isolate

Spindle Tip Options





Regulating

Soft

End Connection Options



Tube Fitting



Socket Weld



Butt Weld



BSPT / BSPP

End Connection Legends

End Connections	Legends
NPT (Male)	M
NPT (Female)	F
Tube Fitting (Fractional)	T
Tube Fitting (Metric)	MT

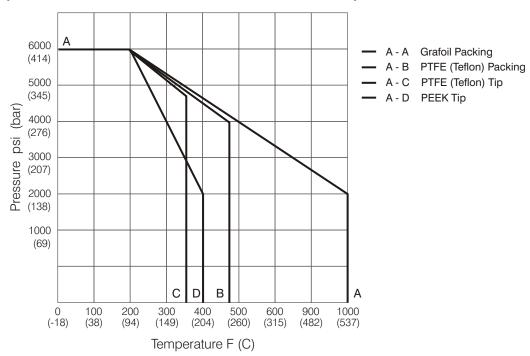
End Connections	Legends
ISOT (BSPT)	IT
ISOP (BSP)	IP
Socket Weld	SW
Butt Weld	BW



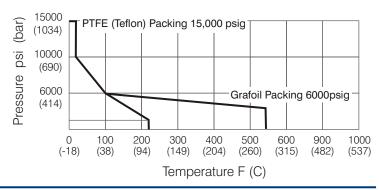
Pressure & Temperature Rating

Material	Bar Stock	Forgings	Pressure & Temp	Pressure & Temperature Rating			
	Dai Stock	i orgings	PTFE	Grafoil ®			
SS 316/316L	ASTM A 276 ASME SA 479	ASTM A182 ASME SA182	6000 psi @ 200 F 4000 psi @ 500 F	6000 psi @ 200 F 4000 psi @ 500 F			
Brass	ASTM B 16 ASTM B 453	ASTM B 283	3000 psi @ 200 F 2000 psi @ 500 F	3000 psi @ 200 F 2000 psi @ 500 F			
Carbon Steel	ASTM A 108		6000 psi @ 200 F 4000 psi @ 500 F	6000 psi @ 200 F 4000 psi @ 600 F			
Alloy 400 / R- 405	ASTM B 164 ASME SB 164	ASTM B 564 ASME SB 564	6000 psi @ 200 F 4000 psi @ 500 F	6000 psi @ 200 F 3000 psi @ 500 F			
Alloy 600	ASTM B 166 ASME SB 166	ASTM B564 ASME SB564	6000 psi @ 200 F 4000 psi @ 500 F	6000 psi @ 200 F 3000 psi @ 500 F			
Alloy 20	ASTM B 473	ASTM B 462	6000 psi @ 200 F 4000 psi @ 500 F	6000 psi @ 200 F 3000 psi @ 500 F			
Alloy C276	ASTM B 574	ASTM B 564	6000 psi @ 200 F 4000 psi @ 500 F	6000 psi @ 200 F 3000 psi @ 500 F			
Titanium	ASTM B 348	ASTM B 381	6000 psi @ 200 F 4000 psi @ 500 F	6000 psi @ 200 F 3000 psi @ 500 F			
SAF 2507 SAF 2507	ASTM A 479	ASTM A 182	6000 psi @ 200 F 4000 psi @ 500 F	6000 psi @ 200 F 3000 psi @ 500 F			

Pressure Vs Temperature Metal to Metal Seat / Soft Tip



Pressure Vs Temperature Metal to Metal Seat for Heavy Duty Valves

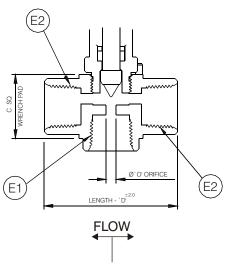




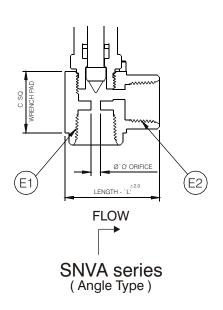
Screwed Bonnet Needle Valve

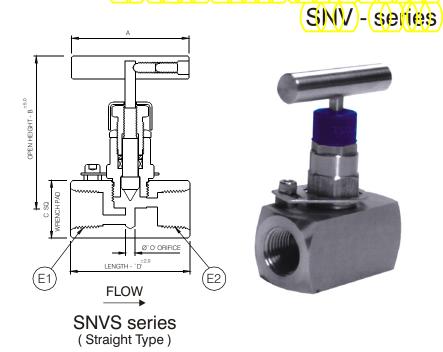
Purpose

This hand operated needle valve is design for screwed bonnet assembly in bar stock for Isolation of various medium with variety of inlet and outlet port connection in different types.



SNVC series (Cross Type)





Number SNV-2T SNV-2T SNV-2F-2T SNV-2F-2T SNV-3MT SNV-4T SNV-6MT SNV-6MT SNV-5MT SNV-5MT SNV-6MT SNV-6	Basic Part	Orifica IOI	Connection size		Dimensions				
SNV-2F-2T 2.3 1/8F 1/8T SNV-3MT 2.4 3MMT 3MMT 3MMT SNV-4F-3MT 2.4 4MMT 3MMT 53 39 56 40 40 56 40 56 40 56 40 56 40 56 40 56 41 59 41 56 41 59 41 56 41 59 41 56 41 59 41 56 41 59 41 56 41 50 56 41 56 41 56 41 56 41 56 41 56 41 56 41 56 41 56 41 56 41 56 41 56 41 56 41 56 41 56 41 56 41 56 41 56 41 57 43 57	number	Orifice 'O'	E1	E2	Α	В	С	D	L
SNV-2F-2T	SNV-2T	0.2	1/8T	1/8T				54	39
SNV-4F-3MT 3.1 3/16T 56 40 59 41 56 40 59 41 56 41 59 41 56 41 57 41 56 41 57 41 56 41 57 41 57 43 43 44 43 44 43 44 43 44 43 44 43 44 43	SNV-2F-2T	2.3	1/8F	1/8T				48	39
SNV-4F-3MT	SNV-3MT	2.4	3MMT	3MMT				54	39
SNV-4MT	SNV-4F-3MT	2.4	1/4F	3MMT]			53	39
SNV-4F-4T	SNV-3T	3.1	3/16T	3/16T]			56	40
SNV-4F-4T SNV-6MT SNV-6MT SNV-6FT SNV-8T SNV-8T SNV-8T SNV-8T SNV-8T SNV-8T SNV-8T SNV-4F-6T SNV-4F-6T SNV-4F-6T SNV-4F-6T SNV-4F-10MT SNV-4F-10MT SNV-4F-10MT SNV-4F-10MT SNV-4F-10MT SNV-12MT SNV-12MT SNV-12MT SNV-16MT SNV-16MT SNV-16MT SNV-8F-8T SNV-16MT SNV-8F-12T SNV-16MT SNV-8F-12T SNV-16MT SNV-8F-12T SNV-2PM SNV-2PM SNV-2PM SNV-2PM SNV-2PM SNV-2PM SNV-2PM SNV-2PM SNV-4F SNV-4F	SNV-4MT	2.4	4MMT	4MMT	1			56	40
SNV-6MT	SNV-4T		1/4T	1/4T			25	59	41
1/4F 6MMT 5/16T 5/16T 5/16T SNV-8MT 8MMT 8MMT 8MMT 8MMT 8MMT 5/16T 3/8T 3/8T 5/7 43 5/7 43 5/7 43 5/7 43 5/7 43 6/8	SNV-4F-4T		1/4F	1/4T					41
SNV-5T SNV-8MT SNV-8FT SNV-4F-6T SNV-4F-6T SNV-4F-6T SNV-4F-6T SNV-4F-6T SNV-4F-10MT SNV-4F-10MT SNV-4F-10MT SNV-12MT SNV-12MT SNV-12MT SNV-16MT SNV-16MT SNV-8F-8T SNV-16MT SNV-8F-8T SNV-12MT SNV-8F-12T SNV-8F-12T SNV-2FM SNV-2FM SNV-2FM SNV-2FM SNV-4FM SNV-4F	SNV-6MT		6MMT	6MMT				59	41
SNV-8T SNV-8T SNV-8F SNV-2FM SNV-2FM SNV-4FM SNV-4FM	SNV-4F-6MT		1/4F	6MMT	50	68		55	45
SNV-6T SNV-4F-6T 1/4F 3/8T 5/7 43 57 43 44 57 43 44 57 43 44 57 43 44 57 43 44 57 43 44 57 43 44 57 43 44 57 43 44 57	SNV-5T		5/16T	5/16T	00	00	20	61	42
SNV-4F-6T SNV-10MT 10MMT 10MMT 10MMT 10MMT 10MMT 10MMT 10MMT 57 43 57 43 57 43 43 57 43 44 57 45 45 45 45 45 45	SNV-8MT		8MMT	TMM8				61	42
SNV-10MT SNV-4F-10MT SNV-4F-10MT 1/4F 10MMT 1/2F 1/2T 67 45 65 43 67 45 65 43 67 45 65 43 67 45 65 43 67 45 65 43 67 45 65 43 67 45 68 46 68 46 68 46 68 46 68 46 68 46 68 46 68 46 68 46 68 46 68 46 68 46 68 46 68 46 68 68	SNV-6T			3/8T	1			62	43
SNV-4F-10MT SNV-8T SNV-12MT SNV-12MT SNV-10T SNV-10T SNV-16MT SNV-16MT SNV-16MT SNV-16MT SNV-16MT SNV-8F-8T SNV-8F-8T SNV-8F-12MT SNV-8F-12MT SNV-8F-12T SNV-8F-12T SNV-2MF SNV-4MF SNV-4MF SNV-4MF SNV-4MF SNV-4MF SNV-4MF SNV-4MF SNV-4MF SNV-4FM SNV-4FM SNV-6FM SNV-8FM SNV-12F SNV-8FM SNV-12			1/4F	3/8T				57	43
SNV-8T SNV-12MT SNV-12MT 12MMT 12MMT									
SNV-12MT SNV-10T SNV-16MT 5/8T 5/8T 5/8T 67 45 67 45 67 45 68 46 67 45 68 46 67 46 68 46 67 46 68 46 67 46 68 46 67 46 68 46 67 46 68 46 67 46 68 46 67 46 68 46 67 46 68 46 67 46 68 46 67 46 68 46 67 46 68 46 67 46 67 46 68 46 67 46 68 46 67 46 68 46 67 46 68 46 67 46 68 46 67 46 68 46 67 46 68 46 67 46 68 46 67 46 68 46 67 46 68 46 67 46 68 46 67 46 68 46 67 46 68 46 67 46 68 46 67 46 68 46 68 46 67 46 68 46 6									
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SNV-16MT									
SNV-8F-8T SNV-8F-8T SNV-8F-12MT SNV-8F-12MT SNV-18MT 18MMT 18MMT 18MMT 18MMT 60 75 32 65 46 68 46 67 46 67 46 67 46 67 46 67 46 67 46 67 46 67 46 67 46 67 46 67 46 67 46 68 46 67 46 68 46 67 46 68 46 67 46 68 46 67 46 68 46 67 46 68 46 67 46 68 46 67 46 68 46 67 46 46			-, -	-,-					
1/2F									
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SNV-18MT					60	75	32		
SNV-2M			-	_					
SNV-2F			<u> </u>						
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SNV-2FM						68			
SNV-4M									
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SNV-4MF									
SNV-4FM					50		25		
SNV-6M 3/8M 3/8M 52 38 SNV-6F 3/8F 3/8F 52 38 SNV-6FM 3/8M 3/8F 52 38 SNV-6FM 3/8F 3/8M 52 38 SNV-8F 1/2F 1/2F 52 38 SNV-8MF 1/2F 1/2F 62 32 SNV-8FM 1/2F 1/2M 62 32 SNV-12M 3/4M 3/4M 60 75 62 38 SNV-12F 3/4F 3/4F 3/4F 38 62 38			<u> </u>	-,					
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SNV-6MF 3/8M 3/8F 52 38 SNV-6FM 3/8F 3/8M 52 38 SNV-8FP 1/2F 1/2F 62 32 SNV-8FM 1/2F 1/2F 32 62 32 SNV-12M 3/4M 3/4M 60 75 62 38 SNV-12F 3/4F 3/4F 3/4F 38 62 38			-, -	-, -	l			_	
SNV-6FM 3/8F 3/8M 52 38 SNV-8F 1/2F 1/2F 62 32 SNV-8FM 1/2M 1/2F 32 62 32 SNV-8FM 1/2F 1/2M 62 32 SNV-12M 3/4M 3/4M 60 75 62 38 SNV-12F 3/4F 3/4F 3/4F 38 62 38				-, -	l				
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SNV-12F 3/4F 3/4F 38 62 38			,	_	60	75			
					60 /5	/5			
			-1				38		
SNV-12IVIF 3/4W 3/4F 02 38 SNV-12FM 62 38	SNV-12MF		3/4M					62	38

Note: - 1) End Connection of different size can be provided on request.

- 2) Dimension in millimeter are for reference only and are subject to change
- 3) Refer legend of end connection on Page No 2.

