

Product data sheet

✉ sales@brannan.co.uk

☎ +44 (0)1946 816600

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ANV041 - STAINLESS STEEL NEEDLE VALVE WITH VENT



Product features:

- Block and bleed valve, conical tip type.
- Provides complete shut off or adjustable throttling of the pressure media.
- M8 vent hole
- Stainless steel 316, 316L, Monel or Hastelloy C materials available
- A choice of male, female, and socket weld connections
- NACE compliant optional
- **Brannan** quality

Product applications:

- Instrument isolation and venting
- For use on gas and liquid applications
- Oil and gas
- Chemical and Petrochemical
- Power generation
- Water & wastewater
- Other process applications

Product specifications:

Valve orientation	Straight
Process/Instrument connection	Male x Female, Female x Female, Male x Male
Connection size/type	1/4", 3/8", 1/2" BSP/BSPT/NPT
Max pressure	400 bar (for max pressure up to 700 bar please contact our sales team)
Max temperature	240°C
Body material	Choice between: Carbon steel, SS 304, SS 316, SS 316L, Monel, Hastelloy C
Valve material	
Bonnet material	
Stem material	
Tip material	
Stem / gland packing	PTFE or graphite
Stem	Type CT: Conical tip press fitted hard chrome plated
Stem packing area	Burnished finish for smooth valve operation
Safety feature	Back seating to prevent stem blowout
Vent	M8

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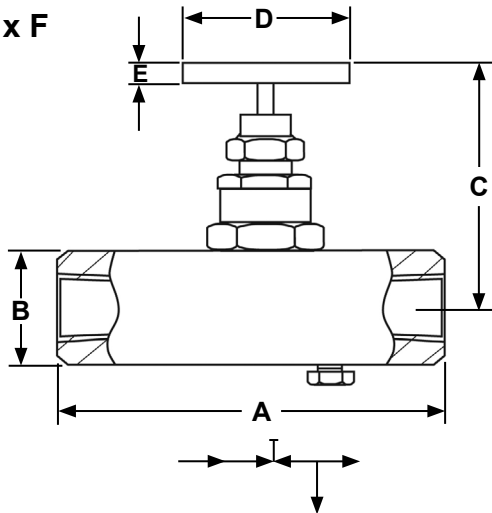
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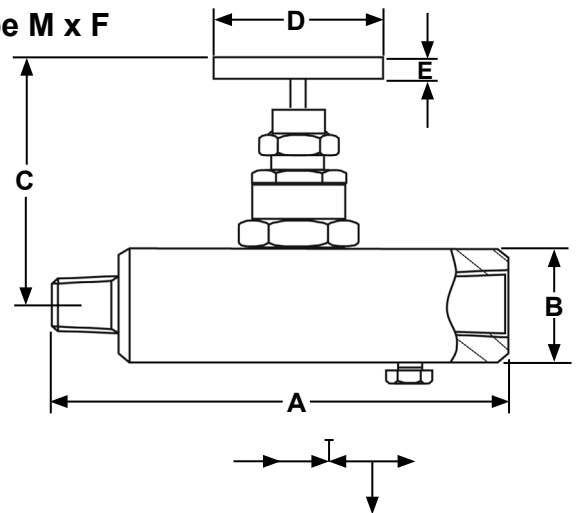
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Product dimensions:

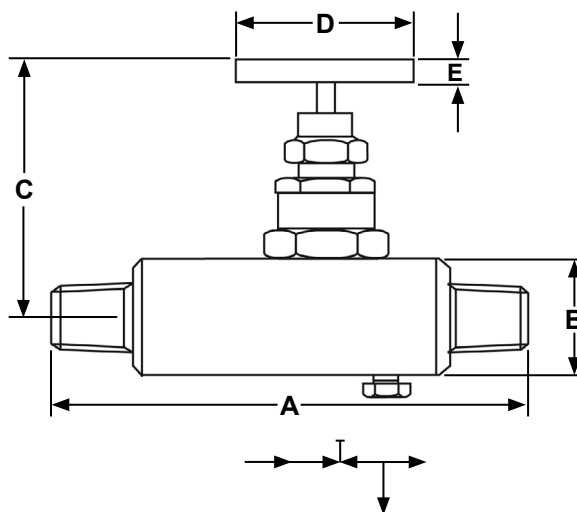
Type F x F



Type M x F



Type M x M



Size	Type	Length A	Width B	Height (open) Max, C	Handle D	Handle OD E
1/4"	FxF	70	25	63	40	10
	MxF	70	25	63	40	10
	MxM	75	25	63	40	10
3/8"	FxF	70	25	63	40	10
	MxF	70	25	63	40	10
	MxM	75	25	63	40	10
1/2"	FxF	75	32	83.6	50	12
	MxF	83	32	83.6	50	12
	MxM	88	32	83.6	50	12


All dimensions in mm

Measurement for life.



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Product numbers:

All ANV041 needle valves are ordered to specific customer specifications. Please use below matrix to create your unique ordering product reference, using the values in bold.

Make	Model	Wetted material	Stem packing	Process/instruments connection	Connection size & type	Extras
Brannan (BRN)	ANV041 (ANV41)	Carbon steel (CAR)	PTFE (P)	Female to Female (FF)	1/4" x 1/4" BSP (3)	Compliance to NACE MR-0175 (NACE) Materials test certificate (MTC) For oxygen service (O) NB. When more than one extra is required, separate each code with a hyphen when building your product reference.
		SS304 (304)	Graphite (G)	Male to Male (MM)	1/4" x 1/4" NPT (4)	
		SS316 (316)		Male to Female (MF)	1/4" x 1/4" BSPT (10)	
		SS316L (316L)			3/8" x 3/8" BSP (5)	
		Monel (MON)		Socket weld available on request	3/8" x 3/8" NPT (6)	
		Hastelloy C (HAS)			3/8" x 3/8" BSPT (11)	
					1/2" x 1/2" BSP (7)	
					1/2" x 1/2" NPT (8)	
					1/2" x 1/2" BSPT (12)	

Order example:

Make	Model	Wetted material	Stem packing	Process/instruments connection	Connection size & type	Extras
BRN	ANV41	316	P	MF	8	NACE-MTC

Product reference: BRNANV41/316/P/MF/8/NACE-MTC

Special product reference - 74/250/0 (BRNANV41/316/P/FF/7):

SS316 needle valve with vent

1/2" BSP F x 1/2" BSP F

PTFE packing