

SMART BLOWDOWN VALVE

MODEL SBV-20

Description

The integral blowdown valve SBV-20 is designed to be fitted into the following range of SMART Steam Traps to bleed off the dirt and scale of the bottom strainer screen: SVT 15/20, SVT25, SVT-F 15, SVT-F 20, SVT-F 25, SVT-FL 50, SVT-UC

Pressure and Temperature Limits

Body design conditions	PN62
PMA - (Maximum allowable pressure)	62 bar g (899 psi g)
PMA - (Maximum allowable temperature)	400°C 750f
Designed for a maximum cold hydraulic test pressure of	100 bar g (1450 psi g)

Operating Range

See the technical information specification sheet for the relevant trap.

Materials

No.	Part	Material	
1	Blowdown valve screw	Stainless steel	ASTM A276 431
2	Blowdown valve body	Stainless steel	ASTM A182 F316L
3	Place to hold valve locked in place with 27 mm wrench while unscrewing bottom screw for cleaning		

Blowdown Valve Dimensions and Weights

Steam Trap Model	Size	Height	Weight
SVT DN 15/20	1/4" NPT	75 mm	150g
		2.95 inch	0.33 lbs
SVT DN 25	1/4" NPT	85 mm	150g
		3.34 inch	0.33 lbs
SVT-F DN 15/20	1/4" NPT	75 mm	150g
		2.95 inch	0.33 lbs
SVT-F DN 25	1/4" NPT	85 mm	150g
		3.34 inch	0.33 lbs

Safety Information, Installation and Maintenance

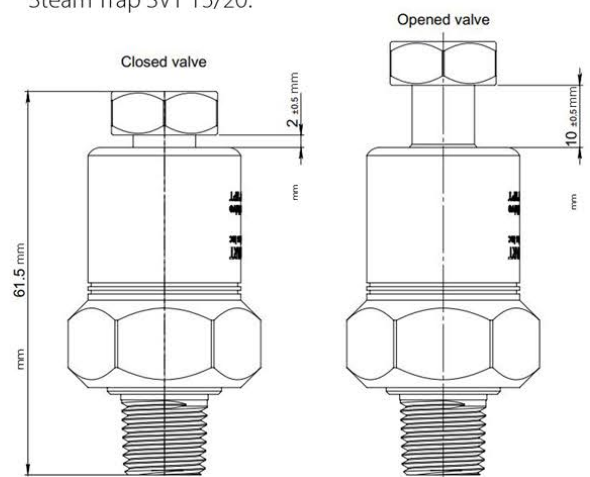
For full details on how to install a steam trap and blowdown valve see the user manual supplied with the product. The blowdown valve has a screw (1) which can be unscrewed with a 17 mm wrench to discharge the contents of the strainer screen. It is important to use a wrench size 27 mm to hold in place the blowdown valve at (4). This will ensure that the SBV-20 valve does not get unscrewed from the steam trap body while opening a blowdown valve screw (1). SBV-20 blowdown valve body design will stop screw (1) to disengage from the blowdown valve body. Max opening distance for the screw is about 8 mm or where it does not move more without forcing it further.

Warning: It is important to take into consideration adequate safety precautions when opening the bleed valve to the atmosphere. Hand protection and protective glasses are required to use when using this valve.



Picture above:

An integral blowdown valve connected into SMART Steam Trap SVT 15/20.



Guarantee

20 year product guarantee as per standard terms and conditions

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