

Newton Systems



STEAM TRAP SERIES

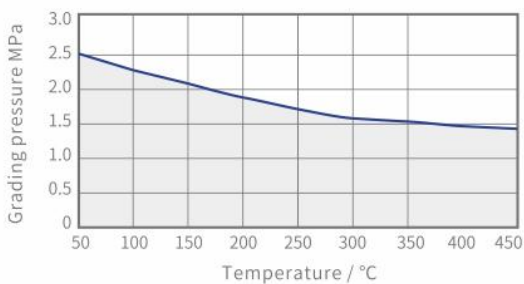
Mixer

Mixer

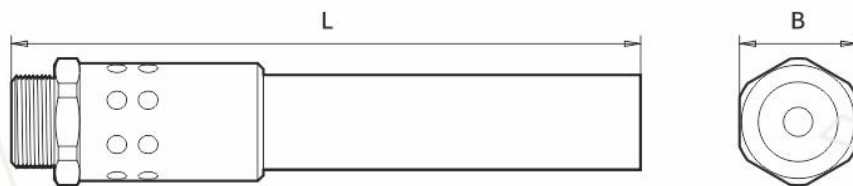
IN Silencer Mixer



Valve Shell Pressure-temperature Rating (PN2.5MPa; 304 material)



Structure Diagram



Structural Dimension Table

Model	Connection	DN	PN	Mpa	Temp °C/Mpa	L	A	B	Rc	Weight
IN	Thread	IN15	25	0.5-1.7	207/1.7	210	40	36	1/2"	0.5kg
	Thread	IN20	25	0.5-1.7	207/1.7	210	40	36	3/4"	0.5kg
	Thread	IN25	25	0.5-1.7	207/1.7	230	50	44	1"	0.85kg
	Thread	IN32	25	0.5-1.7	207/1.7	270	50	50	1-1/4"	1.7kg
	Thread	IN40	25	0.5-1.7	207/1.7	320	65	60	1-1/2"	2.5kg
		IN50	25	0.5-1.7	207/1.7	360	76	70	2"	4kg

Features

Silencers are used where steam is used to heat water or other fluids. When working, the highly sprayed steam inhales the liquid from the ring hole, mixes it, and then sprays the heated medium into the water tank. The steam and the medium are fully mixed to avoid the difference in temperature stratification. The mixer is externally threaded and butt-welded, and two or more injectors can be installed in parallel when higher flow rates are required.

Structural Features

All stainless steel.
No moving parts, compact work involving noise and vibration minimization

Occasion Applicable

Boilers Ideal for feed water heating and deaeration Efficient steam heating, mixing and circulation of water and other fluids.

Installation Precautions

The silencer is installed at a lower position in the tank, preferably at the center line, spraying steam horizontally.
Pipes can be installed inside or outside the tank. Steam piping must be securely secured against vibration and stress on the tank walls.
It is recommended to use a suitable adhesive for threaded joints.



VMV Newton Systems®

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