Winning® HSTV

IN-LINE HIGH SAMPLE TEMPERATURE VALVE

Design Features:

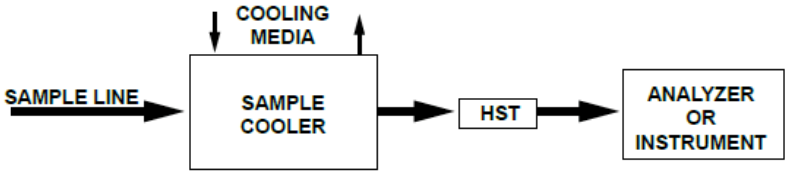
- Automatic: resets open when sample cools
- Self-Operating: no outside power or signal required
- Reliable shutoff: ram-type plug provides tight shutoff
- Compact design
- Easy installation
- Fast response
- Operating temperatures unaffected by variable inlet pressures
- Corrosion resistant: all stainless steel construction
- Operates in any orientation

Operation:

WINNING® HST (High Sample Temperature) safety shutoff valve is used to sense the sample temperature after the sample cooler. The sample passes through this normally open valve whenever the sample temperature is below the valve setpoint. If the sample temperature exceeds the valve setpoint, the HST closes to protect expensive and delicate analyzers and other instruments from overtemperature damage. When the HST cools* below the setpoint, it will automatically reset open again. Low coolant flow or total loss of cooling water or unusually high sample temperatures are typical reasons why the HST self-operating protective device should be considered.

Application:

Excessively hot samples can cause damage to expensive and sensitive hardware and electronics. For process analyzers and similar instrumentation, it is important to assure that the process samples fluids are always below the maximum allowable temperature for such instruments. Sample coolers are commonly used to reduce sample temperatures to the acceptable limits. In the event of a loss of cooling fluid to the sample cooler, or if the desired sample temperature is exceeded for any reason, the HST valve will close to prevent equipment damage.



Specification:

Product Name	Model	Port Size	Body Material	Maximum Temp (° C)	Maximum Pressure (MPa)	Flow Rate (Cv)	Dimensions (mm)	Net Weight (kg)
HST	FP17	NPTF 1/2"	Stainless 300 series	+130	20MPa	0.07	Φ35*81	0.5

Note:

Standard Temperature "XXX" Available:

100°F, 105°F, 115°F, 130°F, 140°F. Other options, consult factory.

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