G7150 Technical Data Sheet

5-year warranty

Application

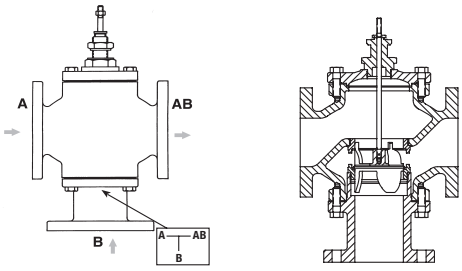
This valve is typically used in large Air Handling Units (AHU) on heating or cooling coils. This valve is suitable for use in a hydronic system with variable flow.

Suitable Actuators

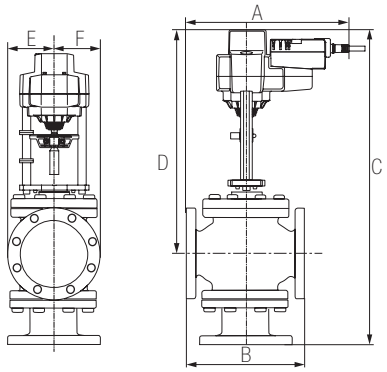
	Non-Spring	Electronic fail-safe
G7150	RVB(X)	(2*GKB(X))

Technical Data	
Fluid	chilled or hot water, up to 60% glycol
Flow characteristic	linear
Controllable flow range	stem up - open B – AB
Valve Size [mm]	6” [150]
Pipe connection	125 lb flanged
Housing	Cast iron - ASTM A126 Class B
Stem	stainless steel
Stem seal	NLP EPDM (no lip packing)
Seat	Stainless steel AISI 316
Valve plug	bronze
Body Pressure Rating	ANSI Class 125, up to 175 psi below 150°F
ANSI Class	125
Number of Bolt Holes	8
Rangeability Sv	50:1
Cv	340
Weight	200.66 lb [91 kg]
Fluid Temp Range (water)	32...350°F [0...176°C]
Leakage rate	ANSI Class III
Servicing	repack/rebuild kits available

Flow/Mounting Details



Dimensions (Inches [mm])



EVB, EVX, RVB, RVX

A	B	C	D	E	F
16.1” [410]	17.8” [451]	29.3” [743]	19.4” [492]	5.6” [142]	

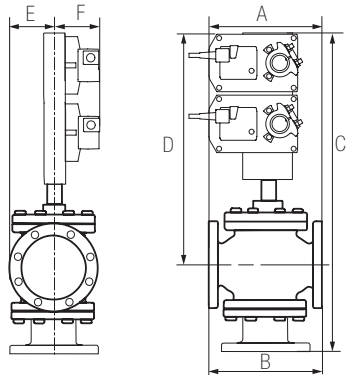
Safety Notes

WARNING: This product can expose you to lead which is known to the State of California to cause cancer and reproductive harm. For more information go to www.p65warnings.ca.gov

Piping

The valves should be mounted in a weather-protected area in a location that is within the ambient limits of the actuator. Allow sufficient room for valve with actuator and for service. The preferred mounting position of the valve is with the valve stem vertical above the valve body, for maximum life. However, the assemblies can be mounted with valve stem vertical above the valve or up to 45° in relation to the horizontal pipe. The actuators should never be mounted underneath the valve, as condensation can build up and result in a failure of the actuators. Do not reverse flow direction.

Dimensions (Inches [mm])



2*GMB, 2*GMX, 2*GKB, 2*GKX

A	B	C	D	E	F
16.1” [410]	17.8” [451]	32.8” [832]	23.0” [584]	5.6” [142]	