



5-year warranty



## Technical data

<b>Functional data</b>	Valve Size	3" [80]
	Fluid	chilled or hot water, up to 60% glycol
	Fluid Temp Range (water)	32...350°F [0...176°C]
	Body Pressure Rating	ANSI Class 125, up to 175 psi below 150°F
	Servicing	repack/rebuild kits available
	Rangeability Sv	50:1
	Flow Pattern	3-way Mixing
	Leakage rate	ANSI Class III
	Controllable flow range	stem up - open B – AB
	Cv	85
	ANSI Class	125
	Body pressure rating note	up to 175 psi below 150°F
<b>Materials</b>	Valve plug	bronze
	Seat	Stainless steel AISI 316
	End fitting	125 lb flanged
<b>Suitable actuators</b>	Non-Spring	EVB(X) RVB(X)
	Electronic fail-safe	AVKB(X) (2*GKB(X))

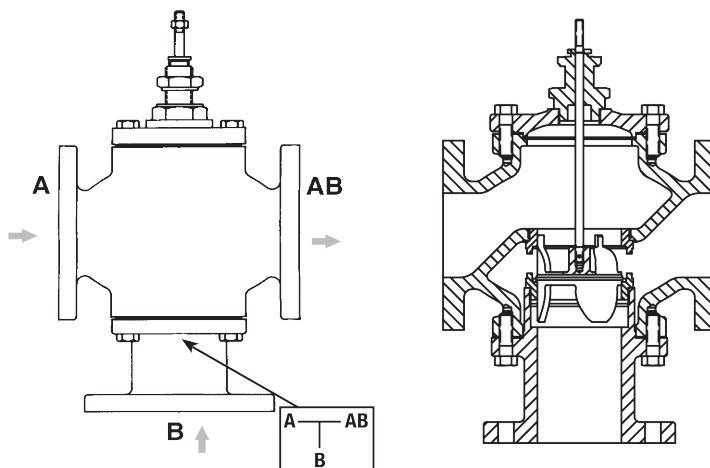
## Safety notes



- 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](http://www.p65warnings.ca.gov)
- The valve has been designed for use in stationary heating, ventilation and air-conditioning systems and must not be used outside the specified field of application, especially in aircraft or in any other airborne means of transport.
- Only authorised specialists may carry out installation. All applicable legal or institutional installation regulations must be complied during installation.
- The valve does not contain any parts that can be replaced or repaired by the user.
- When determining the flow rate characteristic of controlled devices, the recognised directives must be observed.

## Product features

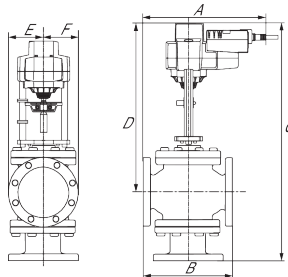
## Flow/Mounting details



## Dimensions

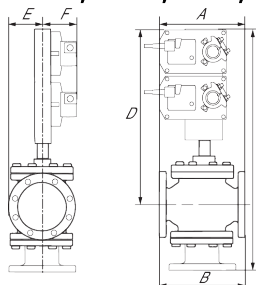
## Dimensional drawings

## EVB, EVX, RVB, RVX



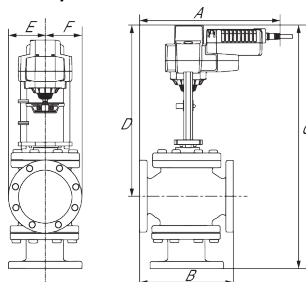
A	B	C	D	E	F
12.2" [310]	10.0" [254]	27.0" [686]	19.0" [483]	3.9" [100]	3.9" [100]

## 2\*GMB, 2\*GMX, 2\*GKB, 2\*GKX

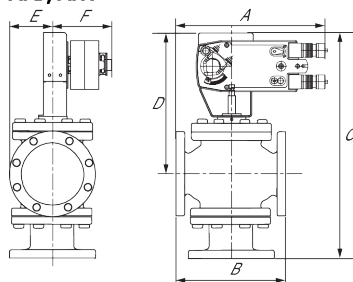


A	B	C	D	E	F
12.2" [310]	10.0" [254]	30.5" [775]	22.5" [572]	3.7" [95]	5.3" [135]

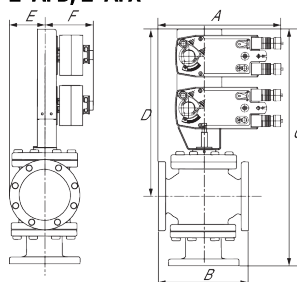
## AVKB, AVKX



A	B	C	D	E	F
13.1" [332]	10.0" [254]	27.0" [686]	19.0" [483]	3.9" [100]	3.9" [100]

**AFB, AFX**


A	B	C	D	E	F
12.2" [310]	10.0" [254]	25.6" [650]	17.5" [445]	3.7" [95]	5.3" [135]

**2\*AFB, 2\*AFX**


A	B	C	D	E	F
12.2" [310]	10.0" [254]	30.5" [775]	22.5" [572]	3.7" [95]	5.3" [135]