

NPT-Threaded Globe Valves

- chilled or hot water, up to 60% glycol, steam
- ANSI Class 250, up to 400 psi below 150°F
- repack kits available
- ANSI Class VI





Type overview			
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ype		DN	
5220S-J		20	
echnical data			
Functional	data Valve size [mm]	0.75" [20]	
	Fluid	chilled or hot water, up to 60% glycol, steam	
	Fluid Temp Range (water)	20338°F [-7170°C]	
	Fluid Temp Range (steam)	32338°F [0170°C]	
	Body Pressure Rating	ANSI Class 250, up to 400 psi below 150°F	
	Flow characteristic	modified equal percentage	
	Servicing	repack kits available	
	Rangeability Sv	100:1	
	Maximum differential pressure (water)	50 psi [345 kPa]	
	Max Differential Pressure (Steam)	50 psi [345 kPa]	
	Flow Pattern	2-way	
	Leakage rate	ANSI Class VI	
	Controllable flow range	stem up - open A – AB	
	Cv	5.5	
	Maximum Inlet Pressure (Steam)	100 psi [690 kPa]	
Mate	r ials Valve body	Bronze	
	Valve plug	Stainless steel AISI 316	
	Stem	316 stainless steel	
	Stem seal	EPDM O-ring	
	Seat	Stainless steel AISI 316	
	Pipe connection	NPT	
Suitable actua	tors Non-Spring	LVB(X)	

Safety notes



Spring

Electrical fail-safe

• 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

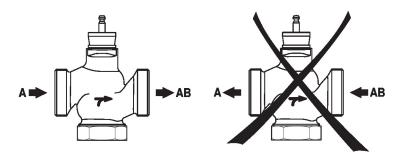
LVKB(X)

- 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 authorized 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.



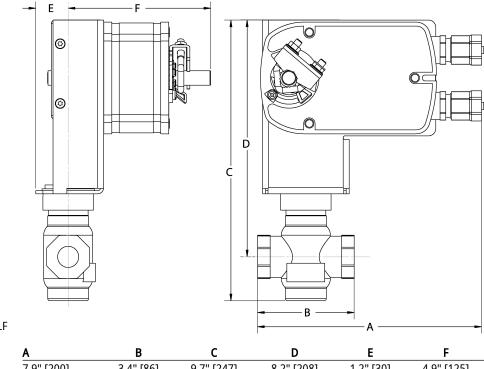
Installation notes

Flow direction The direction of flow, specified by an arrow on the housing, is to be complied with, since otherwise the valve could become damaged.



Dimensions

Туре	DN	Weight
G220S-J	20	2.1 lb [0.93 kg]



Α	В	С	D	E	F
7.9" [200]	3.4" [86]	9.7" [247]	8.2" [208]	1.2" [30]	4.9" [125]



