

Electric Control Ball Valve



Designed for HVAC flow control of chilled/hot water, steam, or up to 50% ethylene glycol solution.

FEATURES:

- Equal-percentage flow characteristic
- On/Off, floating, and modulating control options
- Nominal pressure:

Brass threaded ball valve: PN20

Cast-iron flanged ball valve: PN16

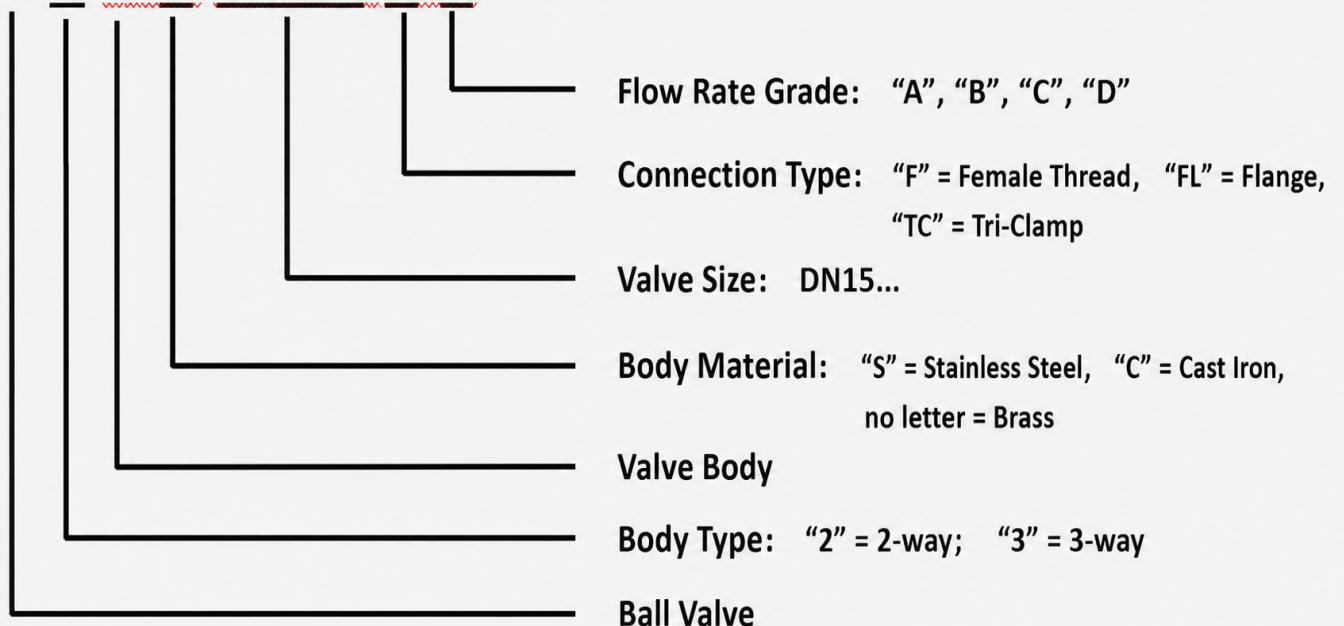
Stainless-steel threaded ball valve: PN40

Stainless-steel clamp ball valve: PN16

Stainless-steel flanged ball valve: PN16

Product Code Description:

B X V-X-DNXX-X-X



Electric Control Ball Valve

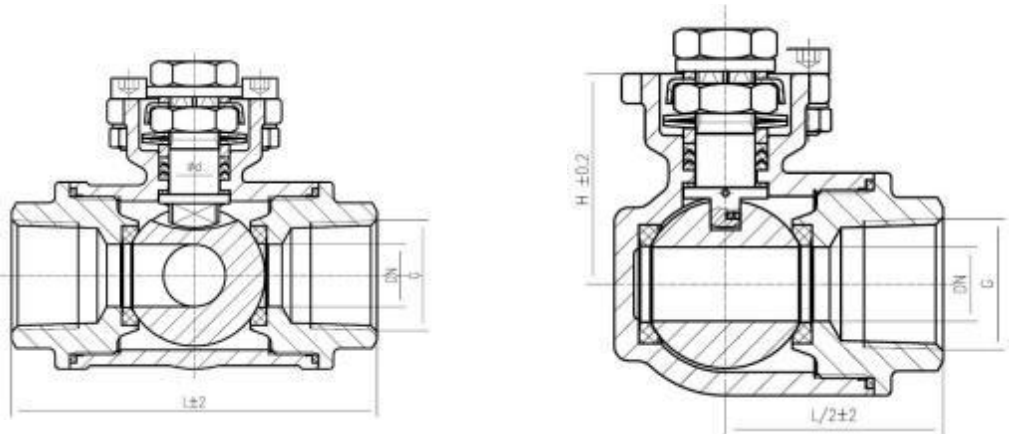
Threaded Stainless-Steel Valve Torque Table

Valve Size	DN15	DN20	DN25	DN32	DN40	DN50
Compatible Torque (2-Way)	5Nm	5Nm	10Nm	20Nm	30Nm	40Nm
Compatible Torque (3-Way)	10Nm	20Nm	20Nm	30Nm	40Nm	---

Threaded Stainless-Steel Valve Specifications

Model	DN	(A-B)Way KV (m ³ /h)	Bypass KV (m ³ /h)	Rot. Angle	Max. ΔP	2-Way (Kg)	3-Way (Kg)
B2 (3)V-S-DN15-F	15	2.5	2.5	0-90°	0.35 Mpa	0.23	0.35
B2 (3)V-S-DN20-F	20	4.0	4.0			0.28	0.42
B2 (3)V-S-DN25-F	25	10	10			0.4	0.6
B2 (3)V-S-DN32-F	32	16	16			0.6	1.0
B2 (3)V-S-DN40-F	40	25	25			0.93	1.4
B2V-S-DN50-F	50	40	---			1.3	---

Threaded Stainless-Steel Valve Dimensions (mm)



Model	G	DN(mm)	H (mm)	L (mm)
B2 (3)V-S-DN15-F	G1/2	12	43	74
B2 (3)V-S-DN20-F	G3/4	15	45	86
B2 (3)V-S-DN25-F	G1	20	56	98
B2 (3)V-S-DN32-F	G1-1/4	25	62	118
B2 (3)V-S-DN40-F	G1-1/2	32	74	130
B2V-S-DN50-F	G2	38	78	148

Note: NPT, BSPP, BSPT, BSPF and DIN 2999 threads are available.