

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

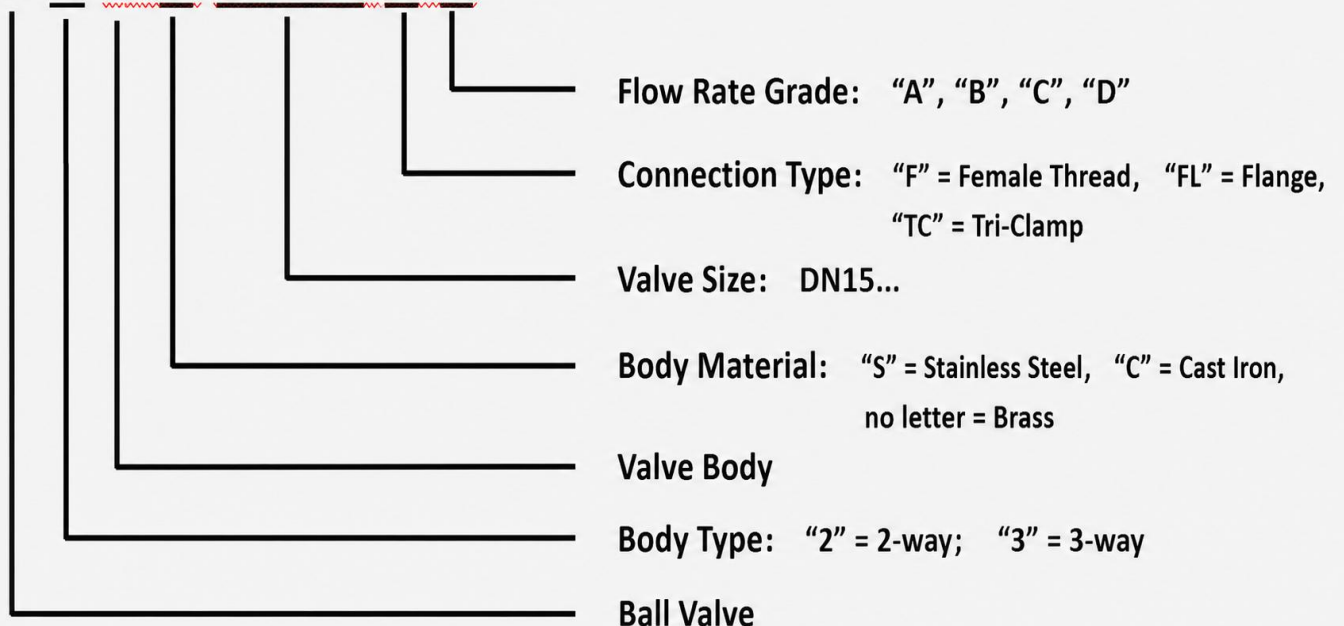
Stainless-steel threaded ball valve: PN40

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

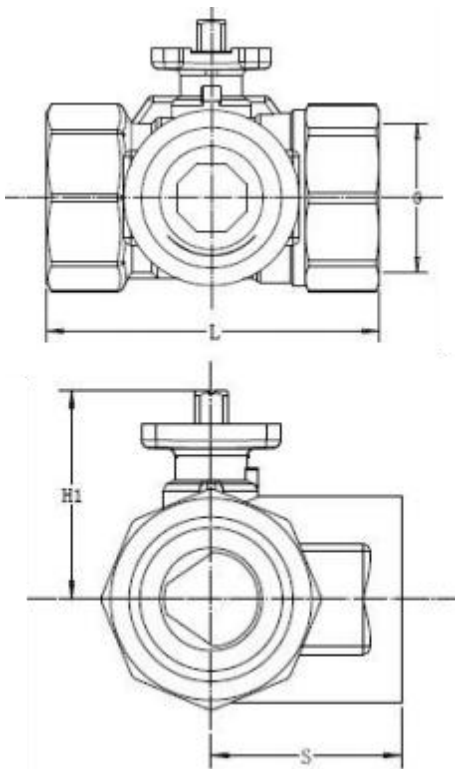
Brass Threaded Ball Valve Torque Table

Valve Size	DN15	DN20	DN25	DN32	DN40	DN50
Compatible Torque	5Nm				10Nm	



Brass Threaded Ball Valve Specifications

Model	DN	(A-B)Way KV (m³/h)	Bypass KV (m³/h)	Rot. Angle	Max. ΔP	2-Way (Kg)	3-Way (Kg)
B2 (3)V-DN15-F-A	15	2.5	2.5	0-90°	0.35 Mpa	0.2	0.25
B2 (3)V-DN15-F-B		4.0	4.0				
B2 (3)V-DN15-F-C		6.3	6.3				
B2 (3)V-DN15-F-D		10	10				
B2 (3)V-DN20-F-A	20	4.0	4.0			0.35	0.4
B2 (3)V-DN20-F-B		6.3	6.3				
B2 (3)V-DN20-F-C		10	10				
B2 (3)V-DN25-F-A	25	10	10			0.55	0.7
B2 (3)V-DN25-F-B		16	16				
B2 (3)V-DN32-F-A	32	16	16			0.85	1.10
B2 (3)V-DN32-F-B		25	25				
B2 (3)V-DN40-F-A	40	25	25			1.2	1.4
B2 (3)V-DN40-F-B		40	40				
B2 (3)V-DN50-F-A	50	40	40			1.95	2.20
B2 (3)V-DN50-F-B		63	63				



Brass Threaded Ball Valve Dimensions (mm)

Model	G	H1(mm)	L (mm)	S (mm)
B2V-DN15-F	G1/2	37.5	60	---
B2V-DN20-F	G3/4	44	73	---
B2V-DN25-F	G1	47	89	---
B2V-DN32-F	G1-1/4	52.5	102.5	---
B2V-DN40-F	G1-1/2	57	113	---
B2V-DN50-F	G2	62	127.5	---
B3V-DN15-F	G1/2	39	60	30.5
B3V-DN20-F	G3/4	44	66	32
B3V-DN25-F	G1	47	89	46.5
B3V-DN32-F	G1-1/4	52.5	98.5	49
B3V-DN40-F	G1-1/2	57	106	52
B3V-DN50-F	G2	62	123	69

Note: BSPP parallel pipe thread connection.