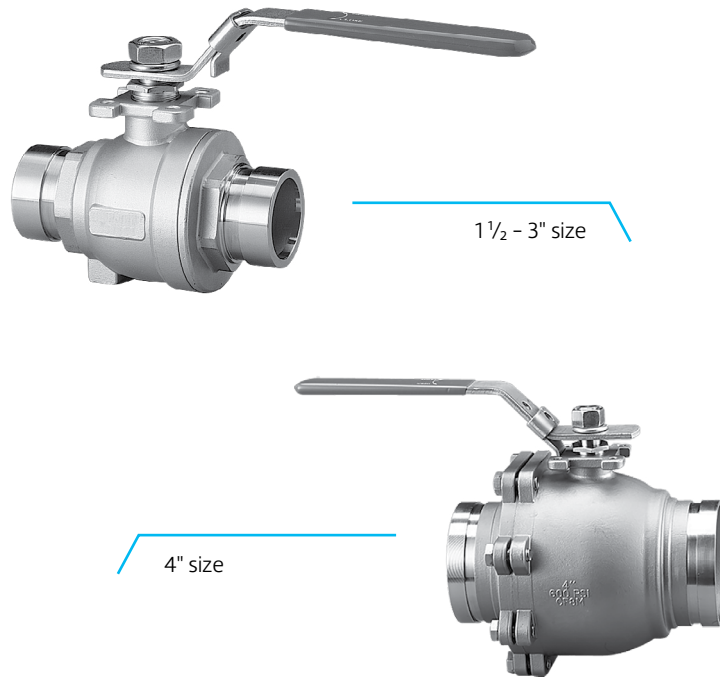


## Grooved End Stainless Steel Ball Valve with Lever Handle Model BV435



### Material Specifications

**Body**

Cast Stainless Steel per ASTM A351-CF8M

**Ball**

Cast Stainless Steel per ASTM A351-CF8M

**Upper Stems**

Stainless steel per ASTM A276, Type 316

**Operator**

Stainless Steel Lever per ASTM A-276, Type 304

**Seats**

1 1/2 to 3 Inches: Virgin PTFE,  
4 Inches: Glass Filled PTFE

**Seals**

PTFE

**O-Rings**

EPDM

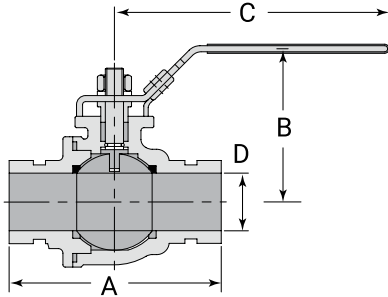
The Model BV435 Grooved End Stainless Steel Ball Valves with Lever Handle provide for efficient control of fluid in piping systems. Flow may be from either direction, and the valves may be positioned in any orientation. The valves are furnished with grooved ends for use with Gruvlok grooved couplings. The handle is provided with a device for padlocking in either the open or closed position.

**Maximum Working Pressure:** 600 psi (41.4 bar)



PROJECT INFORMATION	APPROVAL STAMP
Project:	Approved
Address:	Approved as noted
Contractor:	Not approved
Engineer:	Remarks:
Submittal Date:	
Notes 1:	
Notes 2:	

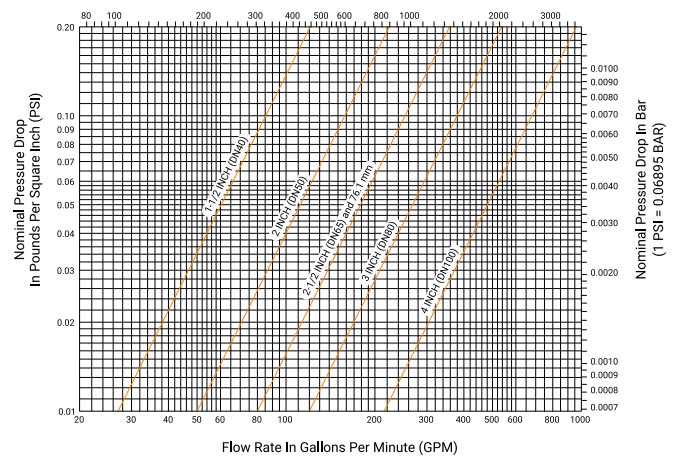
## Grooved End Stainless Steel Ball Valve with Lever Handle Model BV435



Size	O.D.	Dimensions				Operating Torque	Approx. Wt. Ea.
		A	B	C	D		
In./mm	In./mm	In./mm	In./mm	In./mm	In./mm	In.-Lbs./Nm	Lbs./Kg
1½	1.900	5.50	3.70	7.60	1.50	62	6.6
40	48.3	140	94	193	38	7	3.0
2	2.375	6.15	4.13	7.60	1.97	150	8.8
50	60.3	156	105	193	50	17	4.0
2½	2.875	7.09	4.33	9.84	2.36	186	15.4
65	73.0	180	110	250	60	21	7.0
3	3.500	8.42	6.00	9.84	2.99	248	20.7
80	88.9	214	152	250	76	28	9.4
4	4.500	9.45	6.57	11.42	3.94	398	55
100	114.3	240	167	290	100	45	25.0

Weight includes the lever handle.

Model BV435 Grooved End Stainless Steel Ball Valve  
Nominal Pressure Loss vs Flow  
Flow Rate In Litres Per Minute (LPM)  
(1 GPM = 3.785 LPM)



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