Fully Lined Ball Valve

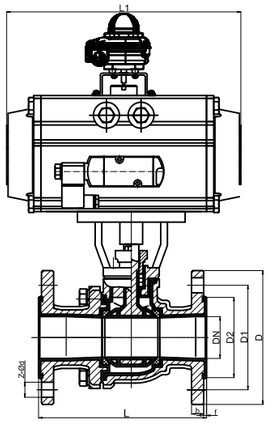
Features

Fluorine-lined ball valve structure is full-diameter floating ball type (two-stage type) and full-diameter fixed ball type (three-stage type) (small-diameter is two-piece type, large-diameter is three-piece type). Corrosive medium in the pipeline can be used for fluid regulation and control. Compared with other valves, it has the following characteristics:

> 1. The fluid resistance is small, the inner wall of the lined ball valve is smooth, and the flow channel is unobstructed. It is the smallest fluid resistance among all valves.
> 2. The switch is fast and convenient. You only need to rotate the ball 90 ° to complete the account opening and closing actions.
> 3. Adopt special moulding technology to line the lining material on the inner wall of the valve housing, which can resist the corrosion of strong acid and alkali. The combination of lining spherical surface and PTFE valve seat has good sealing performance and achieves zero leakage.
> 4. Can be equipped with pneumatic, electric, hydraulic and other driving devices to achieve long-distance control and automatic operation.
> 5. The sphere and valve stem are integrated into one body, eliminating the difference in rotation angle, eliminating the danger of the valve stem punching out of the body due to pressure changes, and ensuring the safety and reliability of use.

Material List

NO.	PARTS NAME	MATERIAL
1	BODY	CF8+F46
2	BALL	CF8+F46
3	BONNET	CF8+F46
4	HEX BOLT	A2-70
5	SEAL-RING	PTFE
6	PACKING	PTFE
7	PACKING GLAND	CF8
8	HEX BOLT	A2-70



Dimentional Data

DN	L	D	D1	D2	f	b	Z-φd	DOUBLE ACTION L1
15	130	95	65	45	2.5	16	4-φ14	162
20	140	105	75	55	2.5	18	4-φ14	162
25	150	115	85	65	3	19	4-φ14	162
32	165	140	100	78	3	19	4-φ18	207
40	180	150	110	85	3.5	19	4-φ18	237.5
50	200	165	125	100	3.5	19	4-φ18	271.5
65	220	185	145	120	3.5	20	4-φ18	328
80	250	200	160	135	3.5	21	8-φ18	366
100	280	220	180	155	4	23	8-φ18	428
125	320	250	210	185	4	25	8-φ18	430
150	360	285	240	210	4	25	8-φ22	482
200	400	340	295	265	4	26	8-φ22	662

Valve Operator

penumatic operation

- Manual&Electric Actuators
- Limit switches,positioners, solenoid valves and mang other customer options available.
- Contact Flowx for appropriate choice and sizing of valve actuators.

FLOWX®
WORLD-CLASS VALVE SUPPLIER
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Features of Actuators

> Heavy duty Rack and plnlon design
> Spring return or double acting
> Open and closed adjustment stops
> True NAMUR accessory and ISO mounting
> Visual indicator,Top Mount indicator
> High temperature and corrosion resistant models available
> Solenoids,limit switches,positioners and other accessories are available

> Fully adjuatable limit swiches ailow for fine control of on-off positions
> All electric actuators are available for modulating(4-20mA control)or on-off service
> Motor has thermal overload protection
> Running Time:9s/13s/15s/30s/50s/100s/150s
> Heavy-duty gear train motor with permanent lubrication
> ISO bottom mounting for direct mount actuation with ture ISOvalves on most models





ALL VALVES ARE 100% ELECTRONICALLY TESTED AT 80 PSI IN BOTH THE OPEN AND CLOSED POSITIONS
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