COVNA®
— VALVE —

ANSI 150# Electric 2 Way Flange Ball Valve

Introduction

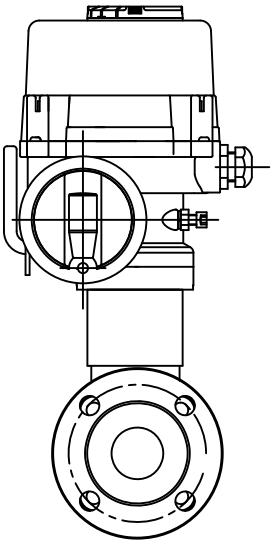
Ultra Low Torque，Elegant，Durable，Corrosion Resistance

Full Flow, PTFE Ball sealing, Low Torque Can Use the Handle Regulating Valve Seat Tightness Released By The Central Section Is Still Intact, Valves, Replaceable To Provide Supplementary Platform Embedded Copper Nut Products Convenient Automatic Actuator

Electric Actuator

ON/OFF Type	Feedback: the Active Contact Signal, Passive Contact Signal, Resistance, 4-20mA
Regulation Type	Input & Output Signal: DC 4-20mA, DC 0-10V, DC 1-5V
Field Operation	The Field, Remote Control Switch Regulation and MODBUS, PROFIBUS Field Bus
Voltage Optional	AC110–240V 380V 50/60Hz; DC12V, DC24V, Special Voltage Can be Customized
Protection Class	Ip67; Explosion Proof Construption Are Acailable: EX d II BT4

Technical Parameters

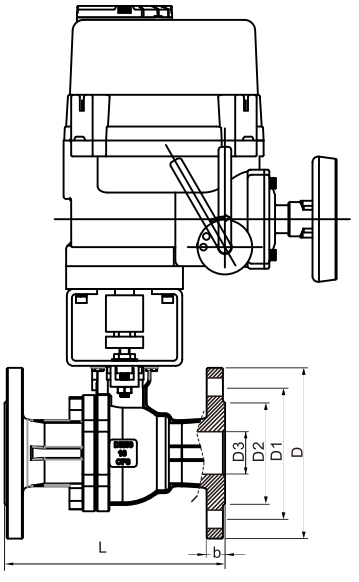


Body		Valve components	
Nominal Size	DN15~DN400	Seat Material	PTFE , Metal
Body Material	Stainless Steel, Carbon Steel, Cast Iron	Core Material	Stainless Steel
Connection Type	Flange (GB/ANSI/DIN/JIS)	Stem Material	Stainless Steel
Pressure Rating	1.6, 2.5, 4.0, 6.4MPa	Applicable Medium	Water, Liquids, Gas, Oil, Powder, Steam, Acid-base Corrosive Medium.
Structure type	Floating ball core		

Qutine Size drawing（ANSI 150#）

UNIT: mm

MEDLE	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100	DN125	DN150	DN200
G	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"
D3	15	20	25	30	40	50	65	80	100	125	150	200
D2	34.9	42.9	50.8	63.5	73	92.1	104.8	127	157.2	185.7	215.9	269.9
D1	60.3	69.9	79.4	88.9	98.4	120.7	139.7	152.4	190.5	215.9	241.3	298.5
D	90	100	110	115	125	150	180	190	230	255	280	345
L	108	117	127	140	165	178	190	203	229	356	394	457
b	11.5	13	14.5	16	17.5	19.5	22.5	24	24	24	25.5	29
n–φd	4–ϕ14	4–ϕ14	4–ϕ14	4–ϕ18	4–ϕ18	4–ϕ18	4–ϕ18	8–ϕ18	8–ϕ18	8–ϕ18	8–ϕ28	4–ϕ23



Installation Instruction

1. Verify that the valve breakaway torque is less than the rated output torque of the actuator.
2. Any mechanical stops that would interfere with the operation of the actuator must be removed before installation of the actuator, i.e. lever, travel stops, etc.
3. The actuator output coupling must be centered with the valve stem to prevent side loading, which causes premature stem packing wear.
4. To use the manual override feature (identified on cover label), the override shaft must be pressed down firmly at least 1/4" in order to disengage the motor from the gears. The manual override is not designed to overcome torque in excess of the rated torque of the actuator. Serious damage to the gear system may result from excessive turning force on the manual override.
5. This Series actuator may be mounted in any position, i.e. horizontal, upside down. If the conduit entrance points upward, conduit piping must be oriented as to prevent condensation from entering the actuator from the conduit pipe.