COVNA®
— VALVE —

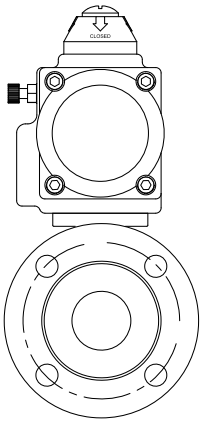
Penumatic PVC Flange Ball Valve

Introduction

Appearance compact structure beautiful body light weight easy to install strong corrosion resistance, wide range of applications materials health, non-toxic wear resistance, easy to disassemble, easy to maintain

Pneumatic Actuator

Double acting	Air to open, air to close, air supply failure to keep the current position
Single Acting N/C	Air to open, interrupt air to close, air failure to close
Single Acting N/O	Air to close, interrupt air to open, air failure to open
Optional accessory	Reversing solenoid valve, limit switch box, air filter reducing valve, positioner, handle manual, lock up valve



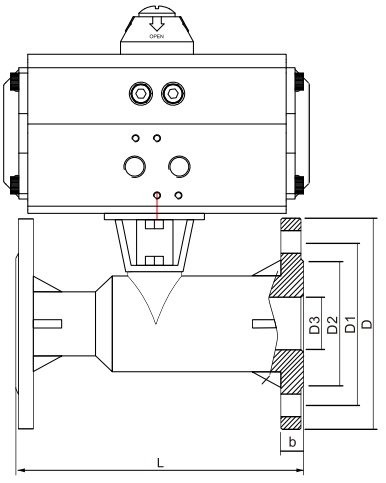
Technical Parameters

Body		Valve components	
Nominal Size	DN15~DN100	Seat Material	EPDM
Body Material	Plastic UPVC	Core Material	Plastic UPVC
Connection Type	Flange	Stem Material	SS304, SS410
Pressure Rating	PN1.0MPa	Applicable Medium	Water, Liquids, Gas, Oil, Powder, Steam, Acid-base Corrosive Medium.
Structure type	Floating ball core		

Qutine Size drawing

UNIT: mm

MEDLE	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100
G	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
D3	15	20	25	30	40	50	65	80	100
D2	45	55	65	78	85	100	120	135	155
D1	65	75	85	100	110	125	145	160	180
D	95	105	115	135	145	160	180	195	215
L	100	120	140	160	165	180	220	250	280
b	14	16	16	16	16	18	22	25	25
n–φd	4–ϕ14	4–ϕ14	4–ϕ14	4–ϕ18	4–ϕ18	4–ϕ18	4–ϕ18	4–ϕ18	8–ϕ18



Maintenance

- Tightening the seal between the valve and the actuator:
  Remove the four bolts underneath the actuator. Separate the actuator from the valve.
  Tighten the nut on the top of the valve body.
  Place the actuator back on the valve and screw everything back into place.

- Tightening the seals between the valve and the inlet/outlet ports:
  Remove the torque bolts and check for any debris or damage to the gaskets.
  Use a torque wrench or other consistent method of tightening the torque bolts to reconnect the inlet and outlet ports.