

2-WAY FULL-PORT BALL VALVE

I&S produces 2-Piece Ball Valves available with ISO mounting pad & provided with mounting bracket, couplers for fitting Pneumatic Piston Cylinder with rack & Pinnion actuator & Diaphragm actuator. The valves are available with Pneumatic Rotary Actuators, either Double Acting or Spring Return type. These Pneumatic Operated Ball Valves are also available with various further options. The Ball Valves are designed with mounting dimensions as per ISO 5211. Flanged end valves and face to face dimensions are as per ANSI B16.5 Class 150 (Short Body).

SPECIFICATIONS

Sizes	15MM (1/2") to 200mm (8").
Body and End Piece	Investment Casted Cast Steel ASTM A216 WCB or Stainless Steel ASTM A351 CF8(SS304) or CF8M (SS316).
Ball	Stainless Steel AISI 316.
Design	As per API 607 Std. Fire Safe (but not tested).
Stem and stem nut	Stainless Steel AISI 316.
Ball seat	Reinforced PTFE.
Stem seals	Reinforced PTFE.
Body gasket	PTFE.
Antistatic device	Stainless Steel SS316.
Pressure-temperature rating	As per BS 5351 Class 300.
Body pressure rating	ANSI B16.5 Class 150/300.
End connection	Flanged to ANSI B16.5 Class 150 / 300.
Leakage Class	As per ANSI B16.104 1976 Teflon seating Class VI.
Characteristics	On-Off.

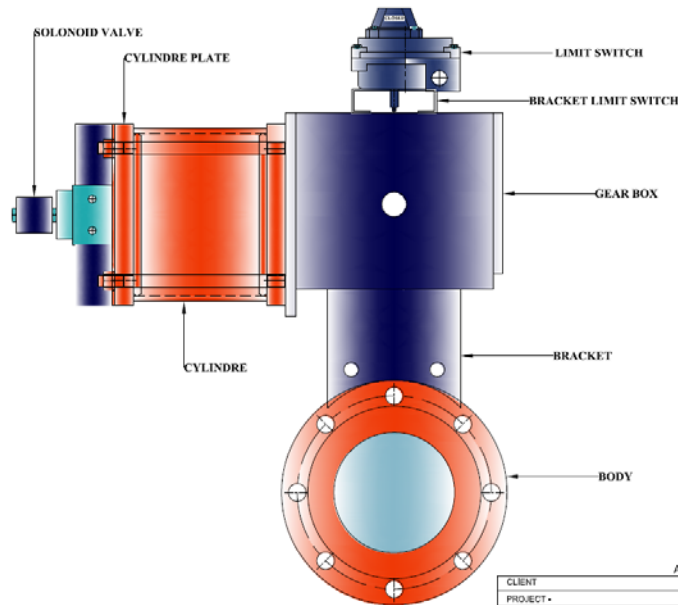


Manu operation (Optional)	lever.
Accessories	Local position indicator, Rotary Limit switch box, Air Lock Relay Solenoid Valve.
Sales point	Highly reliable, long life, simple construction and maintenance free Ball Valve.
Application	For air, water, oil, gas, corrosive Chemicals, Combustion equipment, Power Station, Hydro-Electric, Nuclear Power Generation, Chemicals & Petrochemicals Industries.

ACTUATOR

Double Acting	"D" - NC/NO.
Spring Return	"S" - NC/NO.
Air supply requirement	5.5 to 8.5 bar.

TEMPERATURE	200 Deg C.Temperature (max)
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ITEM PARTS	MATERIAL	ITEM PARTS	MATERIAL
1 BODY	S.S.ASTMA.351 Gr.CF8M	12 BUSH GLAND	S.S.AISI.304
2 STEM	S.S.AISI.316	13 BUSHING	RPTFE
3 STEM SEAL	RPTFE	14 BELLEVILLE WASHER	S.S.AISI.301
4 BALL	S.S.AISI.316	15 LOCK WASHER	S.S.AISI.304
5 SEAT	PTFE	16 LOCK NUT	S.S.AISI.304
6 FLAT RING	PTFE	17 BRACKET	EB-8
7 END PIECE	S.S.ASTMA.351Gr.CF8M	18 ADAPTOR	EN-8
8 BOLTS/STUDS	S.S.AISI.304	19 SPRING WASHER	EN-45
9 SPRING WAHSER	S.S.AISI.304	20 HEX.BOLT	I.S.1363
10 HEX.NUT	S.S.AISI.304	21 ACTUATOR	ISPC-D/S
11 GLAND PACKING	PTFE		