

3/2 Way Metal Body Ball Valves with Pneumatic Actuators Full Port ('L' & 'T' Port).

Model 2331F is closed coupled Valve/ Model 2330F is Bracket Mounted Valve.

DATA SHEET
BV-2330F
BV-2331F

SPECIFICATIONS

Size	: 15mm (1/2") to 65mm(2 1/2").
Body and End Piece	: Investment Casted Cast Steel ASTM A216 WCB or Stainless Steel ASTM A351 CF8 (SS304) or CF8M (SS316).
Ball Design	: Stainless Steel AISI 316 bar stock. : As per API 607 Std.
Stem & Stem Nut	: Stainless Steel AISI 316.
Ball Seat & Seals	: Reinforced PTFE/RPTFE.
Body Gasket	: PTFE.
Antistatic device	: Stainless Steel AISI 316.
Pressure-temp. rating	: As per BS 5351 Class 300.
Body Pr. Rating	: ANSI B16.5 Class 150.
End connection	: Screwed/Flanged.
Screwed end	: 15mm(1/2") to 65mm (2.1/2") BSP / NPT.
Flanged End	: 15mm (1/2") to 65mm (2.1/2") - Flanged to ASME B16.5 Cl.150.
Leakage Class	: As per ANSI FCI-70-2, Teflon seating Class VI.
Characteristics	: On-Off.
Temp. (max).	: 155°C.



ACTUATOR

	: Double Acting 'D' Spring Return Single Acting 'S'
Air Supply	: Minimum pressure 5.5 bar Maximum pressure 8.5 bar
Manual Operation	: Hand lever type upto ACT-63-D/S Actuator. Side hand wheel from ACT-90-D/S actuator onwards.
Accessories	: Air lock relay, Valve Positioner (P to P), Position Indicator, Rotary Limit Switches, Proximity Switches, Solenoid Valves, etc.
Sales Point	: Highly reliable, long life, Simple in construction and maintenance free Ball Valve.

Application : For air, water, oil, gas, corrosive chemicals, combustion equipment, Power stations, Hydro-Electric Power Generation, Chemical and Petrochemical Industries.

Note : For double acting actuator, pilot air pressure required 4 to 8.5 bar for spring return actuator, pilot air pressure required 5.5 to 8.5 bar.

Model 2331F is closed coupled Valve & Actuator for Air, Water, Oil & Gas (Temp 80°)
Model 2330F is remote mounted Valve & Actuator for Air, Water, Oil, Gas & Steam (Temp upto 155°),

SPECIFICATION TABLE

Catalogue Number	Size		Orifice Size	Flow Factor Kv	Hydrostatic Test Pressure	Working Pressure	Actuator Type		Open time (Approx.)		Air Consumption Lts.			
							S	D	Secs		S		D	
	Inch	mm	mm	M/hr	bar	bar	Sp. Rt.	Double	S	D	Open	Close	Open	Close
2330F15	1/2	15	15	10.4	40	12	ACT-63	ACT-63	0.3	0.3	0.2	-	0.2	0.3
2330F20	3/4	20	20	27.5	40	12	ACT-63	ACT-63	0.3	0.3	0.2	-	0.2	0.3
2330F25	1	25	25	48.0	40	12	ACT-63	ACT-63	0.3	0.3	0.2	-	0.2	0.3
2330F40	1 1/2	40	40	103.0	40	12	ACT-90	ACT-90	0.5	0.4	0.5	-	0.5	0.8
2330F50	2	50	50	206.0	40	12	ACT-145	ACT-145	1.4	1.2	2.4	-	2.4	3.8
2330F65	2 1/2	65	65	275.0	40	12	ACT-145	ACT-145	1.4	1.2	2.4	-	2.4	3.8

