

2 Way Isolation Ball Valves for Gas

2 Piece Design - Series 2090F

3 Piece Design - Series 2070F



FEATURES

- High performance, full bore construction, Anti- static design
- 2 piece valves with solid design and 3 piece valves with body swing-out design for sturdy performance
- Floating ball mechanism for tight shut- off at all pressures.
- Three layers of “V” design Chevron packing in the gland to block all passages and improve sealing.
- Unique sealing design reduces operating torque
- Pyramidal & double sealing stem with stem seal provides optimum sealing even in rapid cycle operation.
- Blow- out proof stem for higher safety.
- Unique gland bush design offers equally distributed compressive force on the packing seals
- Exclusive mounting pad design to enable easy interface with pneumatic or electrical rotary actuator.
- Lockable manual lever to avoid accidental operation.

TECHNICAL SPECIFICATIONS

- Body & End Piece : Investment Casting Cast Steel as per ASTM A 216 Gr. WCB or Stainless Steel as per ASTM A 351 Gr. CF8M
- Ball : Stainless Steel AISI 316
- Design : Fire Safe in accordance with API 607 (2090 Series)
- Stem & Stem Nut : Stainless Steel AISI 316
- Body Gasket : Soft Seat Teflon (PTFE)
- Antistatic Device : Stainless Steel AISI 316
- End Connection : Screwed to BSP/NPT (F) (2070F design) Flanged to ANSI B 16. 5, Class 150 RF (2090F design) (DIN PN 16 flanges available on request)
- Leakage Class : As per FCI-70-2, Class VI
- Pressure Rating : As per BS 5351 Class 300
- Working Temperature : Maximum 200°C
- Characteristics : On-Off
- Fluids/ Applications : For air, water, oil, gas, corrosive chemicals, Combustion equipments, power stations, Hydro Electric/ Nuclear Power Generation Plants, Chemical & Petrochemical Industries

SPECIFICATION TABLE FOR 2 PIECE DESIGN VALVES

Catalogue No.	Size		Orifice Size	Flow Factor Kv	Working Pressure	Hydrostatic Test Pressure
	Inches	mm				
2090 F 155	1/2	15	15	11.00	16	40
2090 F 205	3/4	20	20	28.00	16	40
2090 F 255	1	25	25	48.00	16	40
2090 F 405	1 1/2	40	40	103.00	16	40
2090 F 505	2	50	50	206.00	16	40
2090 F 655	2 1/2	65	65	275.00	16	40
2090 F 805	3	80	80	498.00	16	40
2090 F 1005	4	100	100	875.00	16	40
2090 F 1505	6	150	150	1920.00	16	40