

Metal Seated Ball Valves



Metal seated Ball Valves are preferred when the operating temperature is typically above 250 deg C and upto 600 deg C, where the soft seats fail. The ball made of **SS304/SS316** is either coated with **Nickel** (by **Electroless Nickel Plating**) or hard faced with **Stellite** or coated with **Chrome Carbide (HVOF)** depending upon the operating temperature and pressure. The matching metal seats are also hard faced or **HVOF** coated.

Technical Specifications

These valves are available in three piece design in Flanged and Screwed Ends. For dimensions, please refer to three piece Flanged and Screwed Ends catalogs. 3 Way Metal seated Ball Valve dimensions will be same as for regular 3 Way Ball Valves.



Technical Data



PARTICULARS	
Material of Construction	CS/ WCB/ CF8/ CF8M
Sizes	1/2" to 8"
Ends	Flanged / Screwed /Socket weld/Butt Weld
Way	2 way / 3 way
Seats	SS 304 / SS316 with hard-faced Stellite/ HVOF
Ball	SS304 / SS316 with ENP or hard-faced Stellite / HVOF
Stem	SS 17-4 PH
Seals	Graphite
Stem Seals	Graphite
Springs	Inconel
Operation	Manual / Actuation (pneumatic, electric)
Temperature	Upto 600 deg C
Pressure Rating	Class 150#/300#/600#