

KAVAATA

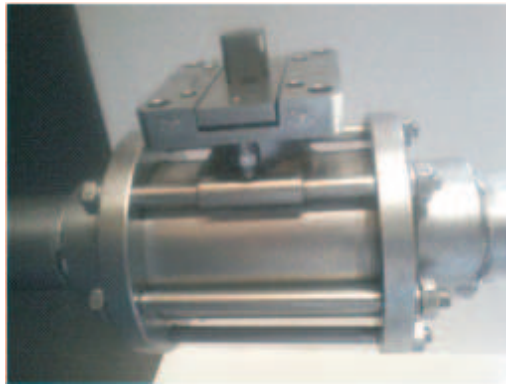
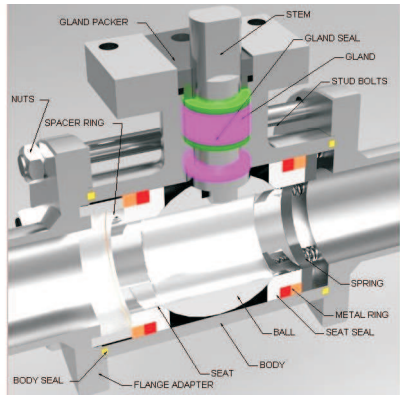


VALVES

METAL SEATED BALL VALVE



- » CLASS V / VI LEAKAGE AT ELEVATED
- » TEMPERATURES
- » UNIFORM TORQUE AT ALL
- » TEMPERATURES
- » UNIDIRECTIONAL FLOW
- » 2 WAY AND 3 WAY TYPES



Metal seated Ball Valves are required when the operating temperature is above 250 deg C, at which the soft seats melt and fail. These valves have seats made of Stainless Steel (SS304 / SS316) hard-faced with Stellite. The ball made of SS304 / SS316 is either coated with Nickel (by Electroless Nickel Plating) or hard faced with Stellite, depending upon the operating temperature and pressure. These coatings protect the ball against damage due to abrasion with the hard-faced seats. The surfaces of both seat and ball are hand lapped to get the perfect mating to achieve Class V/ Class VI leakage. Stems are made of 17-4 PH Stainless Steel. Inconel springs are used to compensate for thermal expansions at elevated temperatures, thus ensuring uniform operating torque. The valves are designed to work at nominal pressures up to 400 deg C but can be designed for higher pressures as per customer's requirement.

Particulars	
Material of Construction	CS/ WCB/ CF8/ CF8M
Sizes	½" to 4"
Ends	Flanged / Screwed
Way	2 way / 3 way
Seats	SS 304 / SS316 with hard-faced Stellite
Ball	SS304 / SS316 with ENP or hard-faced Stellite
Stem	SS 17-4 PH
Seals	Graphite
Stem Seals	Graphite
Springs	Inconel
Operation	Manual / Actuation (pneumatic,electric)
Temperature	Upto 400 deg C
Pressure	Contact us for details

FEATURES OF KAVAATA BALL VALVES

CNC TURNED BODY, BALL, STEM, SEATS AND GLAND
 UNIFORM TORQUE AT ALL RANGE OF TEMPERATURES
 HAND LAPPED BALL AND SEATS FOR CLASS V / VI LEAKAGE
 INCONEL SPRING TO COMPENSATE FOR THERMAL EXPANSION



Note: Due to continuous improvements, the specifications are subject to change without notice

Manufactured by:

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DEALER: