



Figure 1

Standard Features:

All **KUKA** SPLIT BODY Full & Reduced Port ball valves are designed, constructed and tested strictly in accordance with the latest international standards of API, ASME, BS and DIN.

Figure 1

1. Body (1) & Cap (2) are casted and manufactured "in-house"; supplied in carbon steel and austenitic stainless steel. These materials are in compliance with NACE standard MR 0175. Special materials are available upon request.
3. Body construction with positive alignment and bolted design.
4. Spiral-wound Gasket - metal/Graphite filled.
5. Precision machined balls to 4 RMS finish provide superior quality with low torque and no leakage.
6. Blow-out Proof Stem - Parallel flat stem drive.
7. Anti-Static Design (BS5351).
8. Mounting Pad - "ISO" mounting pad with padlockable stop positions.
9. Stuffing Box Cavity - Extra deep, machine-finished stuffing box.
10. Cavity Relieving Seat - The seat design allows excessive cavity pressure to be relieved with no seat deflection.
11. Stem Seal Retainer - Double (internal/external) Viton O-Ring sealed.
12. Conical Disc Spring(s) - Optional "live-load" packing design.
13. Packing - Die-formed, flexible, graphite rings assure integrity of seal at elevated temperatures.
14. Thrust Bearing - Low torque design.