BALL VALVES
SIDE ENTRY

Floating Ball

Pibiviesse Side Entry Ball valve products include the Floating Ball design. In this design the ball is pushed against the downstream seat by the pressure in the line, causing the tightness.
Product versions are available for Cryogenic and High Temperature applications.

Description	Product Features and Options
Pibiviesse valve models	F series
Main Standards and Codes	ISO 17292, API 6D & IOGP S562, ASME B16.34, ASME VIII, NACE MR 01-75 / ISO 15156
Body design	2 or 3 piece Split Body Bolted
Size range	From 1/2" to 8"
Pressure Ratings	ANSI 150# to 2500#
Design Temperature range	-46 / 230°C
End Connections	Flanged RF/RTJ to ASME B16.5 Socket-Weld to ASME B16.11 Butt-Weld to ASME B31.3, ASME B31.4, or ASME B31.8. Profile as illustrated in ASME B16.25.
General Design features	Full and Reduced Bore Long Pattern Bidirectional Anti-blow out stem Anti-static design Fire Safe
Ball-to-Seats seal	Soft and Metal-to-Metal
Seat design	Fixed seat insert
Optional Design features	Extended stem Extended bonnet Lubricated stem Locking devices Position indication Limit Switches
Materials Selection	Manufactured from forged materials, forged or rolled bar. CS, LTCS, 316ss, 6Mo, Duplex, S-Duplex, Monel, Nickel Alloys, Titanium Tungsten Carbide Coating (TCC) and Chromium Carbide Coatings (CCC) Compliance with NACE MR 01-75 / ISO 15156 when applicable.
Seals and Gaskets	RPTFE, PEEK, PCTFE and NYLON grades seat inserts, Metal with TCC and CCC Elastomeric (HNBR, FKM, FFKM), PTFE lip-seals, Graphite and V-Packings
Operation	Manual with Lever or Gearbox w/handwheel Actuation: Electric, Pneumatic and Hydraulic actuators
Product Certifications and Qualifications	PED 2014/68/EU, SIL 3 to IEC 61508 Parts 1-7:2010 Fire Safe ISO-104097, API 607or API 6FA
Applications	The Side Entry design is the most commonly used Ball valve in the upstream, midstream and downstream sectors of the Oil & Gas Industry. Onshore LNG Plant and Offshore FLNG Onshore Production Refining & Petrochemical Onshore Treatment Offshore Platforms & FPSO Onshore Storage Water Service