Industrial Ball Valve Engineering Datasheet

BRONZE FARTAK INDUSTRIAL VALVE & PIPING SOLUTIONS

DOC CODE: CAT-BF-VAL-03 | CATEGORY: Product Catalog - Valves | DATE: OCTOBER 2026

Design Standard: API 6D / ASME B16.34 / ISO 14313

Quality Verification: Certified 100% Hydrostatic & Pneumatic Tested under API 598 / ISO 5208

1. OVERVIEW & SCOPE

Comprehensive specifications for Bronze Fartak Floating and Trunnion-Mounted Ball Valves for pipeline shut-off applications.

2. TECHNICAL SPECIFICATIONS & DESIGN PARAMETERS

PARAMETER / CHARACTERISTIC	ENGINEERING VALUE / STANDARD RATING
Pressure Class	Class 150 to 900 (PN20 to PN150)
Nominal Sizes	1/2 inch to 16 inch (DN15 to DN400)
Mounting Type	Floating Ball & Trunnion Mounted Options
Body Materials	Nickel-Aluminium Bronze, Monel, Hastelloy, A216 WCB
Actuation	Lever Handle, Heavy Gearbox, Pneumatic / Electric Ready
Fire Safe Standard	Certified according to API 607 / ISO 10497

3. QUALITY ASSURANCE & INSPECTION CRITERIA

[+] Double Block and Bleed (DBB)

Allows positive isolation and cavity depressurization during operational pipeline maintenance.

[+] Anti-Blowout Stem & Anti-Static

Integral stem collar and conductive ground spring meet stringent refinery safety rules.

[+] Soft & Metal-to-Metal Seats

Virgin PTFE/PEEK for standard duty or tungsten carbide coating for abrasive slurries.