Example Valve Works

Stainless Steel Ball Valve DN50

Model: BV316-050

Overview

Two-piece flanged ball valve for water, steam condensate and light chemical service. The full-bore ball keeps pressure drop low, and the live-loaded stem seal holds tight through repeated temperature cycles.

Key features

- Full-bore ball for low pressure drop
- Live-loaded graphite stem seal
- Lockable lever handle
- ISO 5211 mounting pad for actuators

Technical specifications

Parameter	Value	Unit
Nominal size	50	mm
Face to face length	230	mm
Flange standard	EN 1092-1 PN16	
Weight	6.8	kg
Maximum working pressure	16	bar
Temperature range	-20 to 180	C
Flow coefficient (Kv)	62	m3/h
Body material	Stainless steel 316 (CF8M)	
Seat material	Reinforced PTFE	
Actuator mounting	ISO 5211 F07	

Dimensions and weight

Weight: 6.8 kg

Materials

Body and ball: stainless steel 316 (CF8M). Seats: reinforced PTFE. Stem seal: graphite. Handle: carbon steel, zinc plated.

Certifications

ISO 9001:2015 quality management

Applications

Isolation of water, condensate, air and mildly corrosive liquids in process and utility lines.

Ordering information

Model: BV316-050

Part number: BV-316-050-F

SKU: BV316-050

Example Valve Works

Address: Plot 14, Industrial Estate, Pune 411019, India

Website: https://www.example.com

Generated 2026-10-06