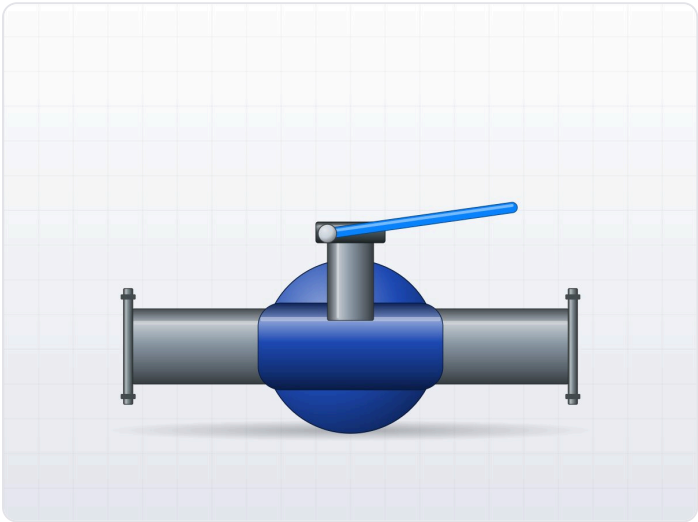


ILLUSTRATIVE DEMONSTRATION DATASHEET — fictional product and data; not for engineering or purchasing use.

BV-300 Flanged Ball Valve

Model BV-300

Two-piece flanged ball valve for tight shut-off.



NOMINAL SIZE
DN 15 – DN 150

PRESSURE CLASS
PN 40

TEMPERATURE
-20 to 180 °C

OPERATION
Lever

OVERVIEW

The BV-300 is a two-piece, floating-ball valve with a full-bore passage and a lockable lever. Reinforced PTFE seats provide bubble-tight shut-off in water, air and many chemical services.

ISO 5211 top works allow later fitting of an actuator.

KEY FEATURES

- Full-bore passage, low pressure drop
- Anti-static and blow-out-proof stem
- Lockable lever
- ISO 5211 actuator mounting pad

TECHNICAL SPECIFICATIONS

DIMENSIONS	Nominal size	DN 15 – DN 150
DIMENSIONS	End connections	Flanged, EN 1092-1
DIMENSIONS	Face-to-face	EN 558 series 1
RATINGS	Pressure class	PN 40
RATINGS	Temperature	-20 to 180 °C
RATINGS	Seat leakage	Bubble-tight target
OPERATION	Manual	Lever; gear above DN 100
OPERATION	Top works	ISO 5211

MATERIALS OF CONSTRUCTION

BODY	Stainless steel CF8M
BALL	Stainless steel 316
SEATS	Reinforced PTFE
STEM	Stainless steel 316

STANDARDS AND OPERATING CONDITIONS

Design reference: EN 12516 / ISO 17292 (illustrative)
Water, air, steam condensate and many chemicals.