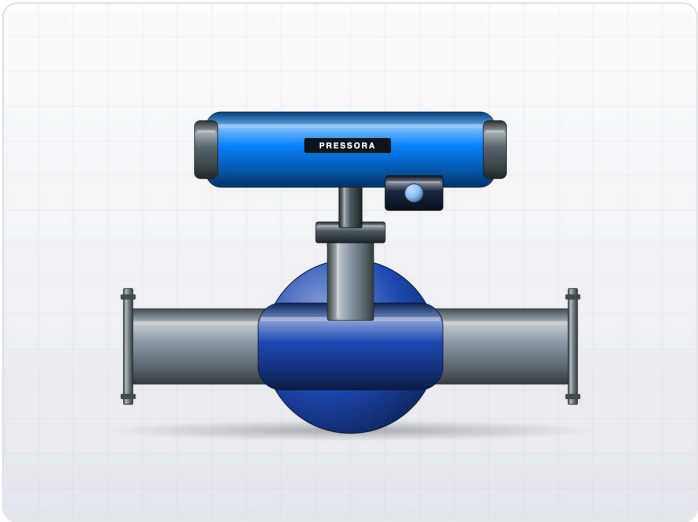


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AB-400 Actuated Ball Valve

Model AB-400

Ball valve with a pneumatic rack-and-pinion actuator.



NOMINAL SIZE
DN 15 – DN 100

PRESSURE CLASS
PN 40

AIR SUPPLY
3 – 8 bar

CYCLE TIME
0.5 – 3 s

OVERVIEW

The AB-400 combines the BV-300 ball valve with a double-acting or spring-return rack-and-pinion actuator for remote open/close duty. Position feedback is available through limit switches.

Standard ISO 5211 mounting keeps the actuator and valve interchangeable.

KEY FEATURES

- Double-acting or spring-return actuator
- Limit switch feedback
- ISO 5211 / NAMUR interfaces
- Manual override option

TECHNICAL SPECIFICATIONS

DIMENSIONS	Nominal size	DN 15 – DN 100
DIMENSIONS	End connections	Flanged, EN 1092-1
RATINGS	Pressure class	PN 40
RATINGS	Temperature	-20 to 180 °C
ACTUATION	Type	Pneumatic rack-and-pinion
ACTUATION	Supply pressure	3 – 8 bar
ACTUATION	Stroke time	0.5 – 3 s
FEEDBACK	Position	Limit switch box, optional

MATERIALS OF CONSTRUCTION

BODY	Stainless steel CF8M
ACTUATOR	Anodised aluminium
SEATS	Reinforced PTFE
STEM	Stainless steel 316

STANDARDS AND OPERATING CONDITIONS

Design reference: ISO 5211 mounting (illustrative)
Automated on/off duty on water, air and process liquids.