

Brass ball valve, Pneumat. actuation drive, double-acting, Rp 3/4 - Riegler 158830

Item no. RGL-158830

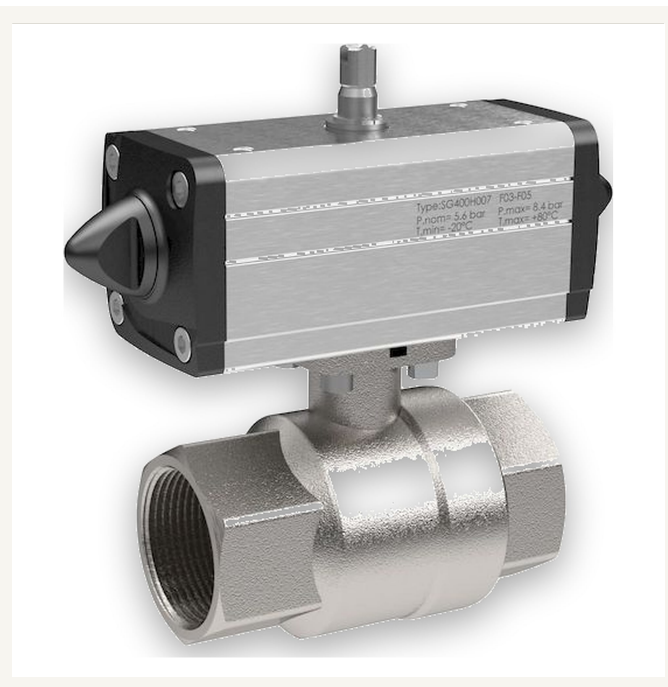
Manufacturer Riegler

EAN 4047322635295

Brass ball valve, Pneumat. actuation drive, double-acting, Rp 3/4

TECHNICAL DATA

Ausführungstyp	doppeltwirkend
Certification	ATEX, IEC 60529
Country of Manufacture	Italy
Nominal size DN [mm]	20
Norm	DIN EN 10226, DIN EN ISO 228-1, ISO 5211
Pneumatic connection	Rp3/4
Thread	Rp 3/4
Weight	0.729 kg
Zolltarifnummer	84818081



STANDARDS & COMPLIANCE

ISO 5211 ISO 228-1 ISO 7-1 DIN EN 10226 DIN EN 60529

DESCRIPTION

Brass ball valve, Pneumat. actuation drive, double-acting, Operating temperature -20 °C to 150 °C, Rp 3/4, DN 20, PN max. 16 bar Ball valves with pneumatic actuator. Pneumatic, double-piston, part-turn actuator, double-rocker principle.

TECHNICAL DATA

Material actuator	Anodised aluminium
Material ball valve	nickel-plated brass, with flange plate ISO 5211
Sealant ball valve	PTFE / FKM
Sealant actuator	NBR
Angle of rotation	90 °
Valve adapter	Valve adapter NAMUR sold separately 118367
Thread	Rp 3/4
DN	20 mm
Version	double-acting
B	94.0 mm

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L	77.0 mm
A	70.0 mm

STANDARDS AND ORIGIN

- Customs tariff number: 84818081
- Country of origin: IT

ABOUT 2-WAY BALL VALVES

Ball valves shut off a line with a quarter turn and give full bore when open. The range covers nominal sizes from DN 5 to DN 100 and pressure ratings from PN 12 to PN 100, with threads from G 1/4 to G 2 and Rp 1/2 to Rp 1 1/4. Alongside hand-operated versions there are pneumatically and electrically actuated variants.

WHAT MATTERS WHEN CHOOSING

- Nominal size DN 5 to 100 and pressure rating PN 12 to 100: both follow from line size and system pressure.
- Thread type: parallel G threads to DIN EN ISO 228-1 and tapered threads to ISO 7-1 or DIN EN 10226 are both represented. The standard has to match the mating part in the line.
- Actuation: besides hand levers there are pneumatic actuators in double-acting, single-acting spring-to-close and single-acting spring-to-open form, plus electric actuators for 230 V AC / 50 Hz and 24 V DC. Spring-return units move to a defined position if control air is lost.
- Body material: nickel-plated, chrome-plated or bare brass, stainless steel 1.4401 and 1.4408, aluminium and powder-coated aluminium, and the plastics PA and PA6/PC.
- Position feedback: versions are available with microswitch, with inductive switch and with inductive switch in ATEX design.

TYPICAL APPLICATIONS

- Isolating compressed air lines for maintenance and modification work
- Shut-off and changeover points in water and cooling circuits
- Process lines carrying neutral gases and liquids
- Remote isolation using pneumatic or electric actuators
- Shut-off points that report their position back to the higher-level control

Threads follow DIN EN ISO 228-1, DIN EN 10226 or ISO 7-1, mounting plates follow ISO 5211. Depending on version, actuators and switches reach IP 66/67 or IP 68 to DIN EN 60529.