

Potable water ball valve, Manual lever, IT/IT, Rp 1/4 - Riegler 103406

Item no. RGL-103406

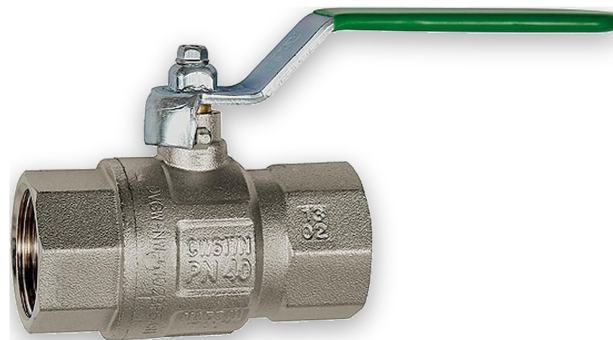
Manufacturer Riegler

EAN 4047322405065

Potable water ball valve, Manual lever, IT/IT, Rp 1/4

TECHNICAL DATA

Certification	ATEX, IEC 60529
Country of Manufacture	Italy
Housing material	Chrome-plated brass
Material	Chrome-plated brass
Nominal pressure PN [bar]	50
Nominal size DN [mm]	8
Norm	DIN EN 10226, DIN EN 13828, DIN EN ISO 228-1, ISO 5211
Pneumatic connection	Rp1/4
Temperature (max.)	150
Thread	Rp 1/4
Thread standard	ISO 7-1
Weight	0.14 kg
Zolltarifnummer	84818081



STANDARDS & COMPLIANCE

EN 13828 EN 13828:2003-12 ISO 7-1 ISO 228-1 DIN EN 10226 ISO 5211 DIN EN 60529

DESCRIPTION

Potable water ball valve, Manual lever, IT/IT, Brass chrome plated, Operating temp. -20 °C to 150 °C, Rp 1/4, DN 8, PN max. 50 bar Brass ball valve with free flow, DVGW approved. This valve complies with the European standard EN 13828 and the working paper DVGW W 570, and is therefore approved for use with drinking water. The special ball technology prevents bacteria from forming inside the valve if it is not in use for a long period of time (i.e. the valve is absolutely safe for drinking water).

TECHNICAL DATA

Min. operating temperature

-20 °C

Max. operating temperature

150 °C

Housing

chrome-plated brass

Ball

chrome-plated brass

Ball seal

PTFE

Stem seal

NBR / FKM

A1-ESD equipment

Keldersstr. 15

42697 Solingen, Deutschland

VAT ID: DE269659389

Phone: +49 212 38340680

shop@esd-equipment.com

fluidics-equipment.com

Page 1/3

DVGW approval**Hand lever****Applications****Thread****DN****L****A****B****E****a/f****PN**

DIN EN 13828:2003-12, DVGW W 570

steel, with plastic coating

potable water, water

Rp 1/4

8 mm

49.5 mm

85.5 mm

41.8 mm

11.0 mm

18 mm

50 bar

STANDARDS AND ORIGIN

- Standard thread: ISO 7-1
- 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

A1-ESD equipment

Keldersstr. 15
42697 Solingen, Deutschland
VAT ID: DE269659389

Phone: +49 212 38340680
shop@esd-equipment.com
fluidics-equipment.com

Page 2/3

- 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.