

Features

- High quality full port brass ball valves
- WRAS & ACS APPROVED
- 24h 100% seal test guaranteed
- Pure PTFE self-lubricating seats with flexible-lip design
- Full port to DIN 3357 for maximum flow
- Maintenance-free, double O-rings at the stem for maximum safety
- Blowout-proof nickel plated brass stem
- Working pressure 40 bar (600 PSI)
- Temperature range: -40°C to +180°C

RS PRO Brass Full Port Ball valve, M/F 2-way ball valve threaded ISO 228, T-handle, WRAS & ACS approved

RS Stock No.: **0780870**



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

RS PRO range of brass manual ball valves. Manual ball valves are used to operate shut off valves which control water flow and pressure. These quarter turn brass full-bore ball valves have a T-handle style operating handle and are suitable for all domestic systems, heating or sanitary, compressed air, in general with any kind of non-corrosive fluid in domestic, commercial and industrial applications.

- T-handle ball valve 1/4 inch
- T-handle ball valve 3/8 inch
- T-handle ball valve 1/2 inch
- T-handle ball valve 3/4 inch
- T-handle ball valve 1 inch

General Specifications

Threaded Connection	BSPP - ISO 228 parallel female by female threads
Body Material	Brass
Flow	Full port to DIN 3357 for maximum flow
Size	1/2" DN 15
Safe For Use With	Air, Oil, Steam, Water
Type	2-way valve
Application	Drinking water systems, Heating systems, Water treatment, Liquid flow control, firefighting systems

Operation Specifications

Maximum working pressure	40 bar (600 PSI) non-shock cold working pressure
Working temperature	-40°C to +180°C (-40°F to +356°F) • WARNING: freezing of the fluid in the installation may severely damage the valve

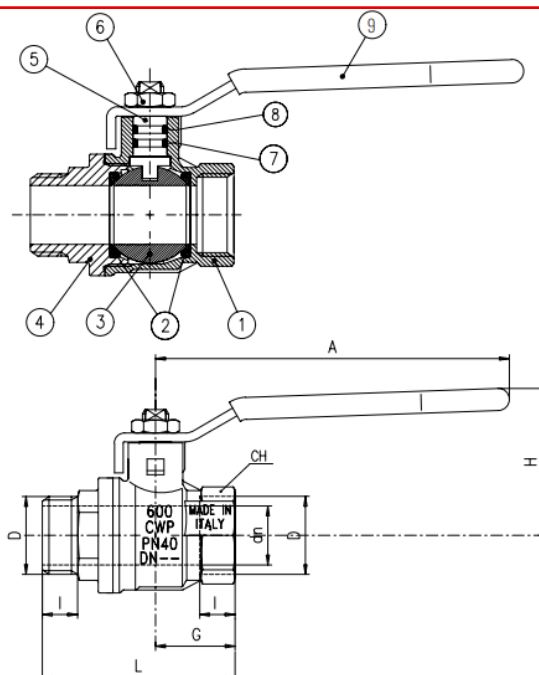
Approvals

Compliance/Certifications	• Water Regulations Advisory Scheme (United Kingdom) • EAC – Declaration of conformity (Russia, Kazakhstan, Belarus) • RoHS Compliant (EU) • Attestation de Conformité Sanitaire (France)
PED directive	According to 2014/68/UE module A: it cannot be used with dangerous gases in sizes larger than 25mm

Mechanical Specifications

	Part description	Q.ty	Material
1	Nickel plated body (external nickel plated, unplated inside)	1	CW617N
2	Seat	2	PTFE
3	Chrome plated ball	1	CW617N
4	Nickel plated end-cap (external nickel plated, unplated inside)	1	CW617N
5	Nickel plated stem O-ring design	1	CW617N
6	Geomet® nut	1	C4C (EN10263-2)
7	O-ring	1	EPDM
8	O-ring	1	FPM
9	Red PVC coated Geomet® steel handle	1	DD11 (EN10111)

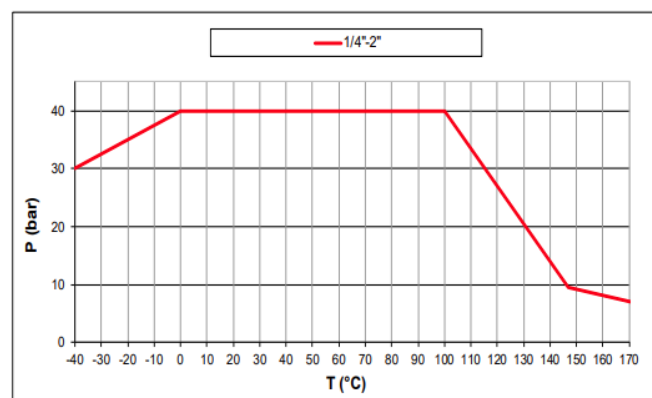
1 1/4"-2" hollow ball



D (Size)	1/4"	3/8"	1/2"	3/4"	1"
DN (mm)	8	10	15	20	25
I (mm)	9	9	11	12	14
L (mm)	50.5	50.5	62	67	80
G (mm)	21	21	27	29	36
A (mm)	82	82	100	120	120
H (mm)	38	38	43	50	54
CH (mm)	15	18	22	27	35
Kv (m³/h)	3,9	8,2	28	42	70

DN shows the nominal flow diameter. Actual flow diameter complies with full port DIN 3357 part 4. Ball valves are marked CE on handle from 1 1/4" to 2": CE XXCODEXX Cat I-A

PRESSURE-TEMPERATURE CHART



PRESSURE DROP CHART

