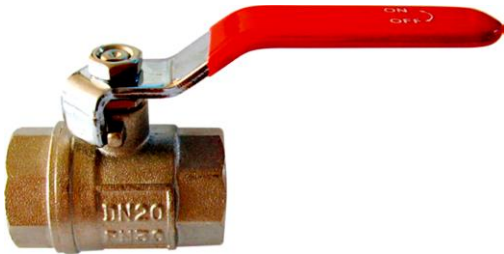


735773 – Brass sphere valve PN32 Female / Female



Description

Female - female sphere block valve with cable gland and non-rejectable shaft. Standard passage, quarter-turn operation by flat handle or reversible throttle. External body nickel-plated brass. Brushed brass tapping.

Applications

General services - all compatible fluids. Drinking water supply. Building. Watering - Irrigation. Industry except steam.

Temperature limits: Operating temperature: -10/+90 °C

Material specifications

Description	Matière
Body	Brass CW617N hot forged nickel plated except tapping
Sphere	Brass CW614N hot forged - Hard chrome plated
Shaft, cable gland, nut	Brass CW614N
Spherical and gland seal	P.T.F.E.
O-Ring	NBR
Flat handle	Chromed steel with red plastic sheath
Butterfly handle	Red powder-coated aluminium

Technical specifications

Reference GISS	Diameter	Passage (mm)	PFA (bar)	DN (")	DN (mm)	PN (bar)	L (mm)	E (mm)	R (mm)	Weight (kg)	H (mm)
735774	1/4"	9	32	1/4"	9	32	41	9.5	80	0.110	37
735775	3/8"	11	32	3/8"	11	32	42	10	80	0.120	39
735776	1/2"	14	32	1/2"	14	32	47	11.5	92	0.168	47
735777	3/4"	19	32	3/4"	19	32	54	12	92	0.235	52
735778	1"	23	32	1"	23	32	63	13.5	108	0.380	58
867807	1"1/4	29	25	1"1/4	29	25	75	15	124	0.630	72
867808	1"1/2	37	25	1"1/2	37	25	86	17	124	0.770	76
867809	2"	45	25	2"	45	25	100	18	152	1.300	90

Certification

EN ISO 9001-2000 certification
 ACS N° 14 ACC LY 030
 CE 97/23 - Standard EN 13828:2003
 BSP Parallel ISO 228/1

Dimensional characteristics

1. Body	2. End cap
3. Seat	4. Sphere
5. Seals	6. Cable gland
7. Axis	8. Nut
9. Handle	10. O-ring

Installation instructions ball valves brass

Preliminary checks

- The fluid used must be compatible with the valve materials, and must not exceed the pressure and temperature limits indicated in the product documentation.
- Remove limescale and any deposits, objects or residues in the tubes and on the nets that could disturb the operation.
- Avoid any stress on the valve due to misalignment of the pipes.
- Check the adequacy of the valve dimensions with the space between the upstream/downstream pipes (do not try to catch up on an assembly gap, this could lead to sealing, operation or even breakage problems).
- Make sure that the tubes are properly fixed.

Mounting

- Seals on the threads shall be made using suitable materials such as sealing pastes, PTFE tapes but without excess and in accordance with the technical standards and rules in force.
- Use an open-end wrench or wrench on the hexagon in the right direction. Never tighten with a vice, claw wrench or any other tool that could cause the body to deform or break. Never exceed the tightening torque of 30Nm for brass valves.
- Avoid overtightening and take care not to go to the stop at the bottom of the thread.
- Maintain the piping by temporarily securing it and then by fixing it with clamps to avoid stress on the valve.
- Attach support clamps on both sides of the valve. In the case of hoses or flexible tubes, it is essential to hold them securely with clamps so as not to stress the valve (see CSTB installation recommendation)
- Before starting up, carry out a general check of the installation, direction of assembly, tightening of the operating handles and leak tests as well as a check of the assembly and sanitary instructions in force (CE, ACS, CSTB...)

Maintenance

- For a longer life of the valve, it is recommended to use it in the fully open or fully closed position, and to avoid intermediate positions.
- The ball valves must be regularly checked systematically (at least twice a year).
- Reminder: the assemblies must be done by professionals according to the rules of the art