

MINI BRASS BALL VALVES PN16



Size : DN 1/8" to 1/4"
Ends : Male , Female BSP
Min Temperature : - 10°C
Max Temperature : + 90°C
Max Pressure : 16 Bars
Specifications : Bore \varnothing 5,5 mm
O ring on stem
Black nylon handle

Materials : Brass body

MINI BRASS BALL VALVES PN16

SPECIFICATIONS :

- Bore Ø 5.5 mm
- Solid ball
- O ring on stem
- Black nylon handle

USE :

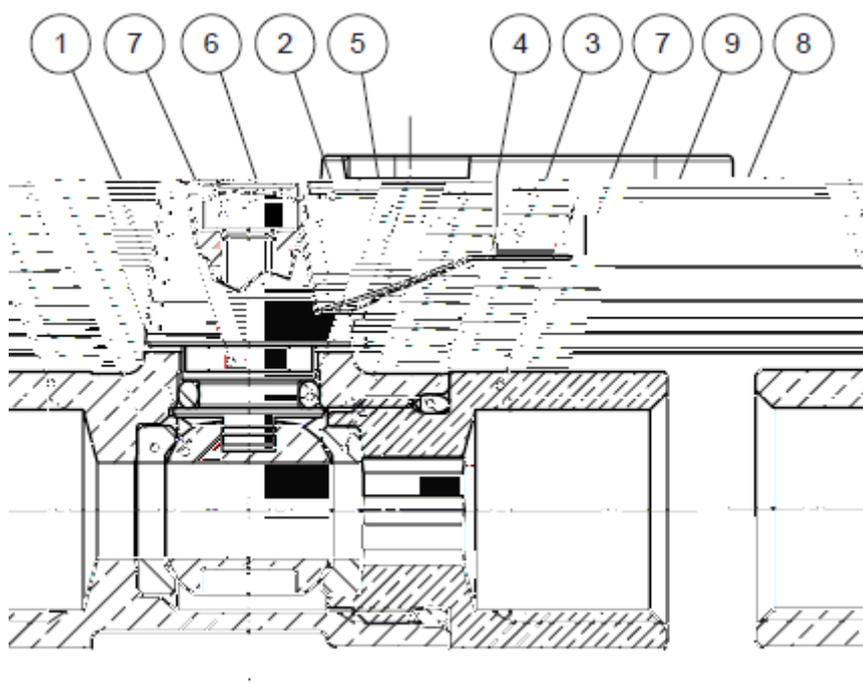
- Water distribution
- Min Temperature Ts : - 10°C
- Max Temperature Ts :+ 90°C
- Max Pressure PN : 16 bars

RANGE :

- Female / Female **Ref. 691** from 1/8" to 1/4"
- Male / Female **Ref. 692** from 1/8" to 1/4"
- Male / Male **Ref. 693** from 1/8" to 1/4"

MINI BRASS BALL VALVES PN16

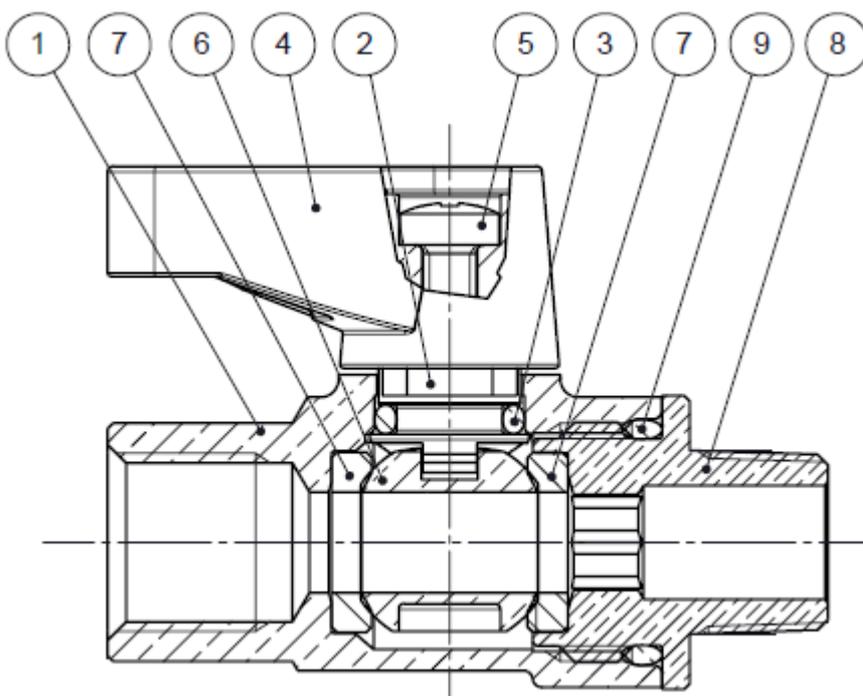
MATERIALS FEMALE – FEMALE TYPE (REF.691) :



Item	Designation	Materials Ref. 691
1	Body	Brass CW 617 N according to EN 12165 chromed
2	Stem	Brass CW 614 N according to EN 12165
3	O ring	FKM 70 sh.
4	Handle	Nylon 66 + 30% glass
5	Handle screw	Steel C4C EN 10263/03
6	Ball	Brass CW 614 N according to EN 12165
7	Seat	PTFE G400
8	Bonnet	Brass CW 614 N according to EN 12165
9	Body gasket	FKM 70 sh.

MINI BRASS BALL VALVES PN16

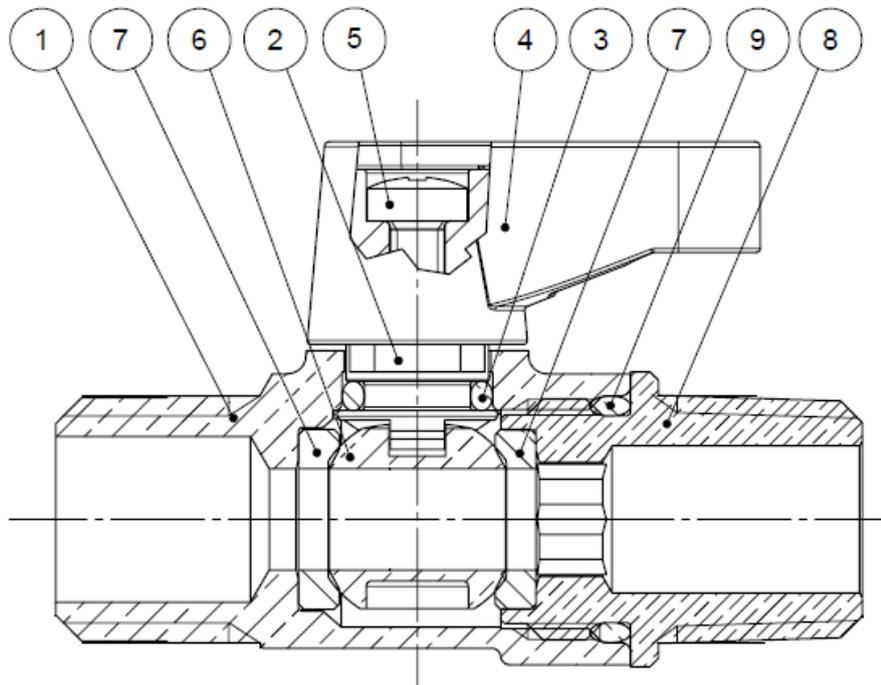
MATERIALS MALE – FEMALE TYPE (REF. 692) :



Item	Designation	Materials Ref. 692
1	Body	Brass CW 617 N according to EN 12165 chromed
2	Stem	Brass CW 614 N according to EN 12165
3	O ring	FKM 70 sh.
4	Handle	Nylon 66 + 30% glass
5	Handle screw	Steel C4C EN 10263/03
6	Ball	Brass CW 614 N according to EN 12165
7	Seat	PTFE G400
8	Bonnet	Brass CW 614 N according to EN 12165
9	Body gasket	FKM 70 sh.

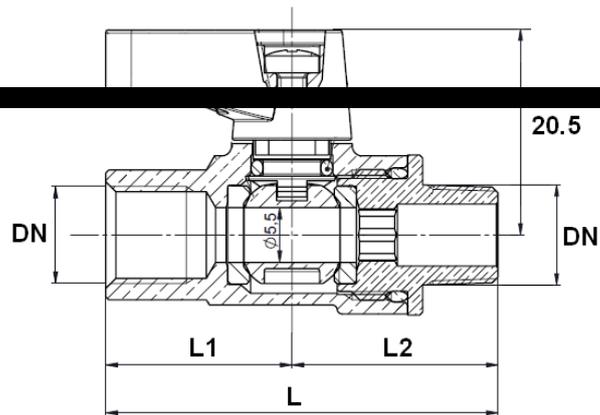
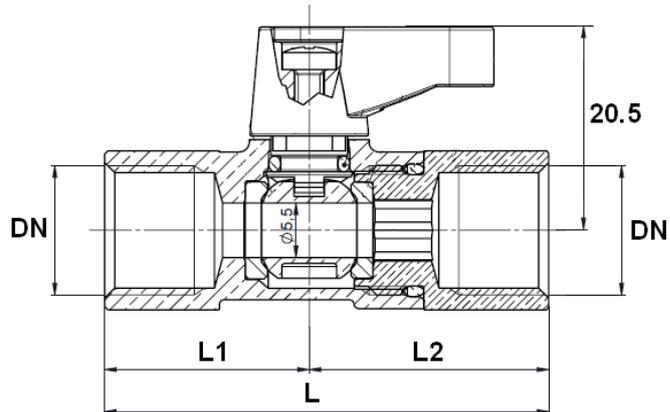
MINI BRASS BALL VALVES PN16

MATERIALS MALE - MALE TYPE (REF.693) :



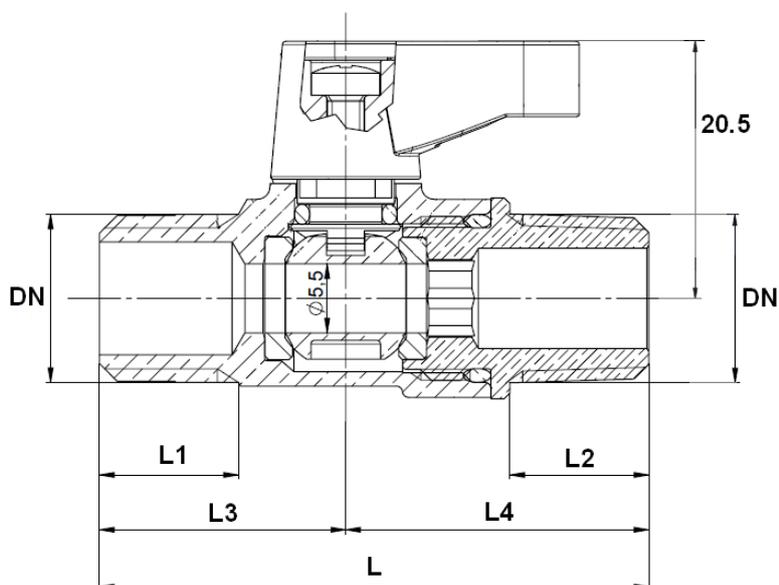
MINI BRASS BALL VALVES PN16

FEMALE / FEMALE SIZE (in mm) :



MINI BRASS BALL VALVES PN16

MALE / MALE SIZE (in mm) :



Ref.	DN	1/8"	1/4"
693	L	37.5	43.5
	L1	8.5	11
	L2	7.5	11
	L3	17	19.5
	L4	20.5	24
	Weight (in Kg)	0.037	0.044

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STANDARDS :

- Fabrication according to ISO 9001 :2008
- DIRECTIVE 97/23/CE : Concerned by article 3, § 3
- Threaded female BSP cylindrical ends according to ISO 228-1
- Threaded male BSP conical ends according to EN 10226-1 R

ADVICE : Our opinion and our advice are not guaranteed and Lauridsen Industri shall not be liable for the consequences of damages. The customer must check the right choice of the products with the real service conditions.

MINI BRASS BALL VALVES PN16

INSTALLATION INSTRUCTIONS

GENERAL GUIDELINES :

- Ensure that the valves to be used are appropriate for the conditions of the installation (type of fluid, pressure and temperature).
- Be sure to have enough valves to be able to isolate the sections of piping as well as the appropriate equipment for maintenance and repair.
- Ensure that the valves to be installed are of correct strength to be able to support the capacity of their usage.
- **Installation of all circuits should ensure that their function can be automatically tested on a regular basis (at least two times a year).**

INSTALLATION INSTRUCTIONS :

- **Before installing the valves, clean and remove any objects from the pipes** (in particular bits of sealing and metal) which could obstruct and block the valves.
- **Ensure that both connecting pipes either side of the valve (upstream and downstream) are aligned (if they're not, the valves may not work correctly).**
- **Make sure that the two sections of the pipe (upstream and downstream) match, the valve unit will not absorb any gaps. Any distortions in the pipes may affect the tightness of the connection, the working of the valve and can even cause a rupture.** To be sure, place the kit in position to ensure the assembling will work.
- Before starting the fitting, ensure that the threads and tapping are clean.
- **If sections of piping do not have their final support in place, they should be temporarily fixed. This is to avoid unnecessary strain on the valve.**
- The theoretical lengths given by ISO/R7 for the tapping are typically longer than required, the length of the thread should be limited, and **check that the end of the tube does not press right up to the head of the thread.**
- Position the pipe clips on both sides of the valve.
- If mounting on an air conditioning with PER tubing and hoses, it is necessary to support the tubes and hoses with the fixing to avoid strain on the valve.
- When screwing the valve, ensure that you only rotate on screwed side by the 6 ended side. Use an open ended spanner or an adjustable spanner and not a monkey wrench.
- **Never use a vice to tighten the fixings of the valve.**
- Do not over tighten the valve. Do not block with any extensions as it may cause a rupture or weakening of the casing.
- **In general, for all valves used in buildings and heating, do not tighten above a torque of 30 Nm.**

The advice and assembly instructions above do not conform to any guarantee.
The information is given in general. It states what must not and must be done.
It is provided to ensure the safety of the personnel and the reliability of the valves.
The instructions in bold must be followed.