



DESCRIPTION

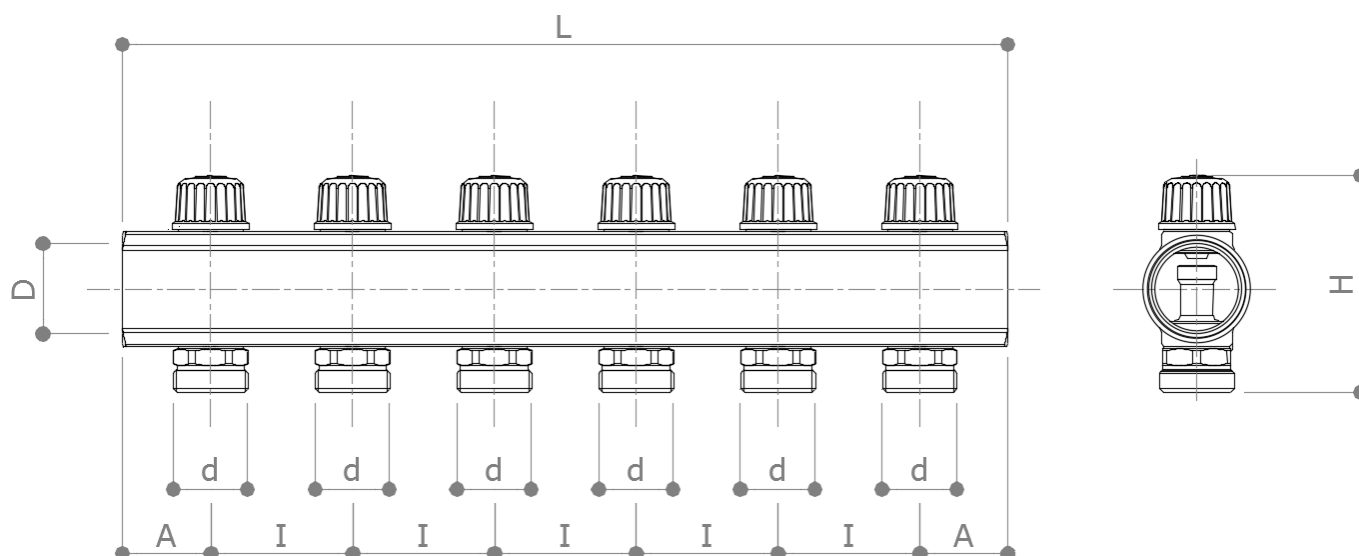
7035DM

Pre-assembled brass manifold with lockshield valves.

Fittings are not included and they have to be purchased according to pipe types:

- Copper pipe: **3525** and **3625**;
- PEX pipe: **3015**;
- Multi-layer pipe: **3015SCR**.

DIMENSIONS



D x d	1" x (3/4" x 18)	
N° exit	L (mm)	Weight (kg)
2	112	1,65
3	162	2,59
4	212	3,26
5	262	3,90
6	312	4,56
7	362	5,22
8	412	5,88
9	462	6,59
10	512	7,25
11	562	7,91
12	612	8,54
H = 77 mm		
A = 31 mm		
I = 50 mm		
d = (3/4"x18mm)		

D x d	1 1/4" x (3/4" x 18)	
N° exit	L (mm)	Weight (kg)
2	117	1,65
3	167	2,59
4	217	3,26
5	267	3,90
6	317	4,56
7	367	5,22
8	417	5,88
9	467	6,59
10	517	7,25
11	567	7,91
12	617	8,54
H = 89 mm		
A = 33.5 mm		
I = 50 mm		
d = (3/4"x18mm)		

D x d	1 1/2" x (1" x 24.7)	
N° exit	L (mm)	Weight (kg)
2	155	1.45
3	225	2.17
4	295	2.87
5	365	3.49
6	435	4.20
H = 109 mm		
A = 42.5 mm		
I = 70 mm		
d = 1"		

COMPONENTS

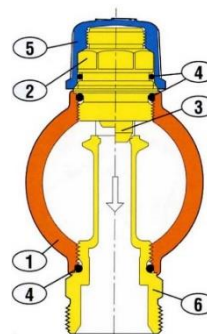
Manifold	CW614N (UNI EN 12164) CuZn39Pb3
Handwheels	ABS
O-ring	EPDM – NBR
Connections	CW614N (UNI EN 12164) CuZn39Pb3
Lockshield	CW614N (UNI EN 12164) CuZn39Pb3

TECHNICAL SPECIFICATION

Max water temperature	90°C
Max pressure	10 bars
Max ambient temperature	50°C
Max differential pressure	0.8 bar

CONSTRUCTION DETAILS

The manifold has lockshield valves for the circuits balancing. These valves have a device, called “Memory stop”, which saves the opening degree of the lockshield valve. In case of maintenance, the device does not miss the first lockshield position closing and opening the shutter.

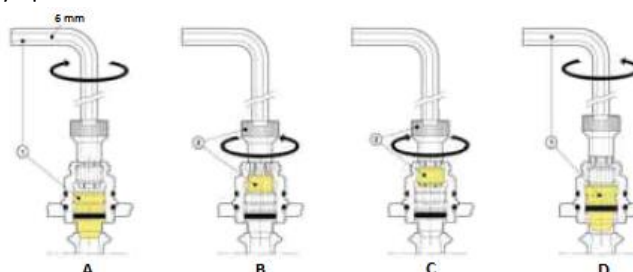


1. Manifold
2. Lockshield
3. Shutter
4. O-Rings
5. Cap
6. Connection

“MEMORY STOP” DEVICE OPERATION

The following operation has to be fulfilled by means of the key **0991B** shown beside. The key is not included in the packaging.

- A. Close the shutter throughout the 6 mm hexagonal key.
- B. Close the Memory Stop device tightening counterclockwise the socket wrench (left thread). Hold the shutter using the hexagonal key.
- C. According to the pressure drop diagram, tighten clockwise the socket wrench as many rounds as it is necessary to get suitable fluid-dynamic conditions (the thread of Memory Stop device has the same pitch of the shutter thread).
- D. Unscrew the shutter all the way up.



PRESSURE DROP DIAGRAM

The pressure drop diagram beside has been got keeping the thermostatic valves completely open. The flow rate and the pressure drop has been calculated according to the setting of the micrometric lockshield valve.

Turns	0.25	0.5	0.75	1	1.5	2	3	T.O.
Kv	0.1	0.26	0.37	0.57	0.9	1.2	1.45	1.52

T.O.: TOTAL OPEN

