

DECLARATION OF PERFORMANCE
No. 001SOB17 – rev.00



1. Threaded brass fittings sizes from 1/4" to 4"
2. Identification of product see Appendix 1 (General Reference + XXXX identifies size)
3. Fittings for water pipe installations and other fluids in general

4. SOBIME, S.A.

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Registered mark



5. Not applicable
6. System 4
7. Determination of product type and factory production control by the manufacturer
8. Not applicable

9. Performance:

Essential technical features	Performance	Technical specifications
CW617N Copper alloy for drop forging pieces	Pass	EN 12165:2017
CB753S Copper alloy for die cast pieces	Pass	EN1982:2009
Copper tube Cu-DHP, shade C-1130	Pass	EN 1057
Whitworth Gas thread	Pass	DIN ISO 228
Minimum wall thickness in threaded area	Pass	EN 1254-4
Chamfering dimensions for copper fittings	Pass	UNE 60719
Belling levels for copper fittings	Pass	EN 1254-1
Brass nuts for gas	Pass	UNE 60719
Fittings with ends for capillary soldering	Pass	EN 1254-1
Fittings with conical ends for use with copper tubes	Pass	EN 1254-2
Fittings with push-fit ends	Pass	EN 1254-6
Working temperatures and pressures		
	Working Pressure (bar)	
Size (inches)	-20°C to 120 °C	>120°C to 225°C
1/4" a 3/4"	25	16
1" a 2"	16	10
2.1/4" a 4"	10	6
Working temperatures for brass fittings fitted with EPDM 70° gasket		
1/4" to 4"	-20°C to 120 °C	
Working temperatures for brass fittings fitted with non-return system		
1/2" to 4"	Air: -20°C to 110 °C	Water: 0°C to 90 °C

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Name and position: Alberto Sorribes, Production Manager

Place and date: Sant Feliu de Llobregat, 26th June 2017

Signature:




SOBIME, S.A.
 Fabricación de Grifería y Racores
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 SANT FELIU DE LLOBREGAT

APPENDIX 1 of PERFORMANCE DECLARATION

No. 001SOB17 – rev.00

General Reference+XXXX identifies size

General Ref.	Description	General Ref.	Description
004	Y fitting	102	Non-return valve with rubber seal
014	Nut with seal hole for meter cone	103	Foot valve brass filter
015	Meter set	104	f.i.-f.i. Non-retrun valve 2 outlets
016	Tap extension MF	131	Marine thru-hull fitting
022	2 Part hose connector	150	Straight union tube tube fixed insert
023	Quick release hose connector	152	Straight union tube male fixed insert
028	Hose tee connector	154	Straight union tube female fixed insert
029	Straight hose connector	156	Elbow tube tube fixed insert
030	Hose union M.I. – Hose	158	Elbow tube male fixed insert
031	Tank connector	160	Elbow tube female fixed insert
033	Hexagonal nipple MM	162	Wall plate elbow tube female fixed insert
035	Hose union F.I. – Hose	164	Tee tube tube fixed insert
038	Cross M.I.	166	Tee tube male fixed insert
039	Cylindrical extension MF heavy duty	168	Tee tube female fixed insert
044	Blanking cap	169	Reusable hexagonal flanged plug
049	Flanged back nut	170	Straight union tube tube detachable insert
052	Foot valve	172	Straight union tube male detachable insert
053	F.I.-F.I. Non-return valve	178	Elbow tube male detachable insert
053MH	M.I.-F.I. Non-return valve	182	Plate elbow tube detachable insert
054	M.I.-M.I. Non-return valve	345	Nut for bicone
056	M.I.-F.I. Non-return valve	346	Bicone
058	Corner elbow F.I.	350	Straight union tube for bicone
059	Cross F.I.	352	Straight union tube male for bicone
062	Hexagonal union MF	354	Straight female union tube for bicone
063	Cylindrical extension MF with ridges	356	Elbow tube-tube for bicone
064	Bend F.I.-F.I.	358	Elbow tube-male for bicone
065	Reducing socket F.I.-F.I.	360	Elbow tube female for bicone
066	Socket F.I.-F.I.	362	Wall plate elbow tube female for bicone
067 / 067MH	Elbow FF / Elbow MF	364	Tee tube for bicone
067U	Bend M.I.-F.I.	368	Tee tube female for bicone
068	Tee F.I.	369	Hexagonal flanged plug for bicone

General Ref.	Description	General Ref.	Description
069	Flanged plug hex. head	441	Nut
072 / 072MH	Elbow with sliding nut FF/ Elbow with sliding nut MF	861	Tee for end manifold
073	Nickel-plated straight tap connector	970	Elbow union M.I.-F.I.
073U	Nickel-plated bent tap connector	9901	Wall plate with elbows
075	Reducing hexagonal bush MF	G-090	Elbow F.I. x Cu
076	Plug without flange	G-092	Elbow M.I. x Cu
081 / 081MH	Cone union F.I.-F.I. / Cone union M.I. – F.I.	G-098	Bent union connector M.I. x Cu
081MM	Cone union M.I. – M.I.	G-1003	Crossover
083	FF 2 Pieces union coupler with flat seal	G-130	Tee F.I. Branch x Cu
083MH	Cone union M.I.-F.I.	G-180	Equal cross Cu
084	Thread adaptor	G-243	Straight connector M.I. x Cu
085	Eurocone for detachable insert	G-270	Straight connector F.I. x Cu
086	Manifold FF	G-2AGCu	Bent tap connector
087	Manifold MF	G-301	End feed fittings for copper tube
091	FF Wall plate elbow	G-340	Cone union Cu x Cu
093	Reducing Elbow FF	G-340	Cone union F.I. x Cu
094	Elbow MM	G-341	Cone union M.I. x Cu
095	Tee M.I.	G-359	Union nut F.I. x Cu
096	Five way tee	G-359GLCu	Straight tap connector
097	Set of rosettes and eccentrics	G-471	Wall plate elbow triangular base
098	Male tee with sliding nut	G-472	Wall plate elbow
101	Brass filter Y with stainless steel sieve		