TECHNICAL DATASHEET

Update 11/2021

BRASS BALL VALVE ACS PN30 BATIMENT + 4MS

Reference(s)
80BL3F0
80BL3F1
80BL3F2



80BL3F0



80BL3F1



80BL3F2

Références	∅ DN										
	¼''	3/8''	½''	¾''	1''	1''1/4	1''1/2	2''	2''1/2	3''	4''
80BL3F0	●	●	●	●	●	●	●	●	●	●	●
80BL3F1	●	●	●	●	●						
80BL3F2	●	●	●	●	●	●	●	●			

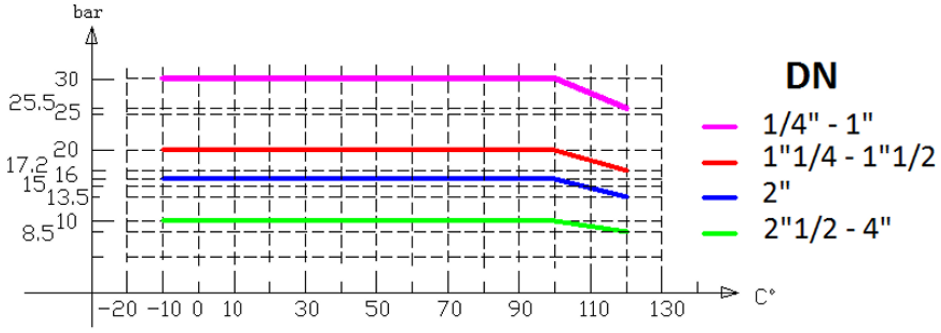
1. Standards

- ✓ Manufacturer certified ISO 9001 :2015 and ISO 14001 : 2015
- ✓ DIRECTIVE 2014/68/EU : Products excluded from directive (Article 1, § 2.b)
- ✓ French water agreement **A.C.S. N° 19 ACC LY 649**
- ✓ Threaded male and female BSP cylindrical ends according to ISO 228-1

2. Features

Use :	Water distribution
Size :	DN1/4" to DN4" according to model
Connection :	Female / Female BSP
Min Temperature :	-10°C
Max Temperature :	+120°C
Max Pressure :	30 Bars (up to DN1")
Specifications :	Anti blow-out stem PTFE packing Full bore
Materials :	Brass EN 12165-CW617N-4MS

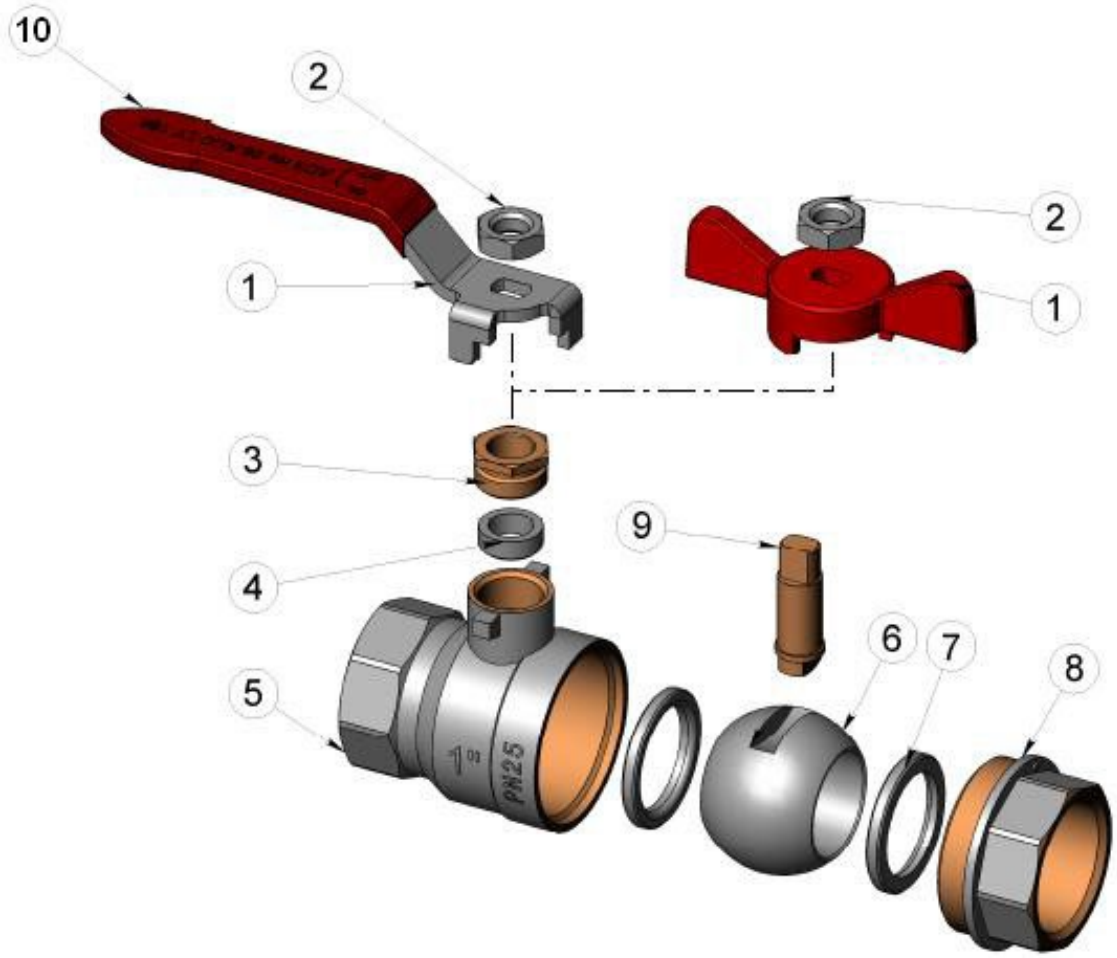
3. Pressure / temperature graph (steam excluded)



Information provided as an indication and subject to possible modification

1. Materials

Materials female – female types :

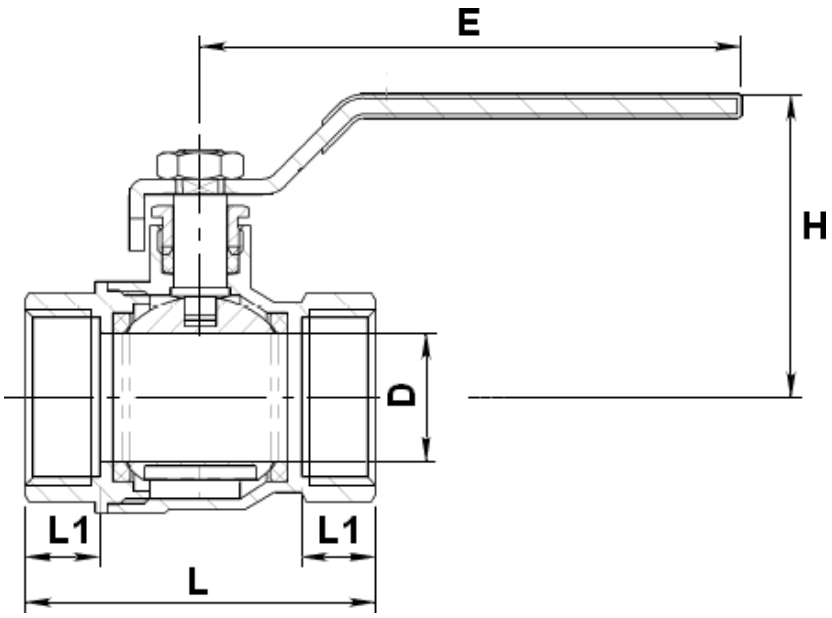


Item	Designation	Materials 80BL3F0 – 80BL3F2	Materials 80BL3F1
1	Handle	Steel Q235	Aluminium
2	Handle nut	Steel Q235 Dacromet coated	
3	Packing nut	Brass	
4	Packing	PTFE	
5	Body (external)	Brass CW 617 N 4MS according to EN 12165 nickeled	
5	Body (internal)	Brass CW 617 N 4MS according to EN 12165	
6	Ball	Chromed brass	
7	Seat	PTFE	
8	Bonnet (external)	Brass CW 617 N 4MS according to EN 12165 nickeled	
8	Bonnet (internal)	Brass CW 617 N 4MS according to EN 12165	
9	Stem	Brass	
10	Handle cover	Plastic	-

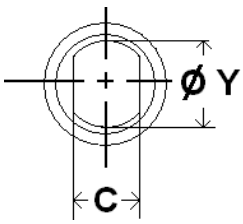
Information provided as an indication and subject to possible modification

2. Size (in mm)

female – female size (in mm)



Stem size



DN	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
Ø D	8	10	14.5	19	24.5	31	39.5	49.5	62	74	85
L	44	44	49	56	66	76	87	103	132	148	168
L1	11.5	11.5	12	13	14	15	16	18	24	26	28
L4	54	54	54	54	70						
E	81.5	81.5	81.5	104	102	120	120	142	236	236	240
H	41.8	41.8	45	48	57	67.5	73.5	87.5	110.5	119.5	129
C	4.8	4.8	4.8	4.8	5.8	7.8	7.8	7.8	11.8	11.8	11.8
Ø Y	M6x1		M8x1.25		M9x1.25	M12x1.75			M14x2		M20x2.5
80BL3F0 weight (Kg)	0.134	0.124	0.176	0.252	0.384	0.572	0.840	1.364	2.49	3.19	4.905
80BL3F1 weight (Kg)	0.112	0.101	0.156	0.220	0.364						
80BL3F2 weight (Kg)	0.134	0.124	0.176	0.252	0.384	0.572	0.840	1.364			

Information provided as an indication and subject to possible modification