

BRASS BALL VALVE ACS PN30 BATIMENT + 4MS

4MS brass ball valves full bore with large flat sealing face for drinking water and water distribution.
PTFE packing and anti blow-out stem. 5 years warranty.
Flat black reversible steel handle with Dacromet coating.



Size : DN1/4" to DN4"
Connection : Male, 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

*the installation defects and wear defects are not covered by the guarantee

Sferaco 90 rue du Ruisseau 38297 St Quentin Fallavier Tel: + 33 (0) 474.94.15.90 Fax: + 33 (0) 474.95.62.08 Internet: www.sferaco.com E-mail: info@sferaco.fr

BRASS BALL VALVE ACS PN30 BATIMENT + 4MS

SPECIFICATIONS :

- Brass according to the 4MS authorized list
- Full bore
- Anti blow-out stem
- Large flat sealing face
- Solid ball
- PTFE packing
- Flat steel handle or aluminium butterfly handle
- Handle nut Dacromet coated (salt spray protection)
- Marking body " 80S " with ACS, 4MS, fabrication date and logo
- ACS and 4MS on the handle
- Reversible handle
- Hole on the handle allowing the locking of the valve (thanks to a rilsan clamp)



USE :

- Water distribution
- Min temperature Ts : - 10°C
- Max temperature Ts : + 120°C
- Max pressure Ps : 30 bars up to DN 1" , 20 bars in 1"1/4 and 1"1/2 , 16 bars in 2" and 10 bars over

RANGE :



- Ball valve Batiment+ 80S Female / Female with blue flat steel handle **Ref. 508** DN1/4" to 2"



- Ball valve Batiment+ 80S Female / Female with red flat steel handle **Ref. 580** DN1/4" to 4"



- Ball valve Batiment+ 80S Female / Female with red butterfly handle **Ref. 586** DN1/4" to 1"



- Ball valve Batiment+ 80S Female / Female with blue butterfly handle **Ref. 564** DN1/4" to 1"



- Ball valve Batiment+ 80S Male / Female with blue flat steel handle **Ref. 511** DN1/4" to 1"

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RANGE (SUITE) :



- Ball valve Batiment+ 80S Male / Female with red flat steel handle **Ref. 581** DN1/4" to 2"



- Ball valve Batiment+ 80S Male / Female with red butterfly handle **Ref. 587** DN1/4" to 1"



- Ball valve Batiment+ 80S Male / Female with blue butterfly handle **Ref. 533** DN1/4" to 1"



- Ball valve Batiment+ 80S Male / Male with blue flat steel handle **Ref. 529** DN3/8" to 1"



- Ball valve Batiment+ 80S Male / Male with red flat steel handle **Ref. 582** DN3/8" to 2"



- Ball valve Batiment+ 80S Male / Male with red butterfly handle **Ref. 588** DN3/8" to 1"



- Ball valve Batiment+ 80S Male / Male with blue butterfly handle **Ref. 536** DN3/8" to 1"



- Ball valve Batiment+ 80S Female / Female with drain 1/4" with red flat steel handle **Ref. 585** DN1/2" to 2"



- Ball valve Batiment+ 80S Female / Female with drain 1/4" with red butterfly handle **Ref. 560** DN1/2" to 1"

BRASS BALL VALVE ACS PN30 BATIMENT + 4MS

ACCESSORIES :



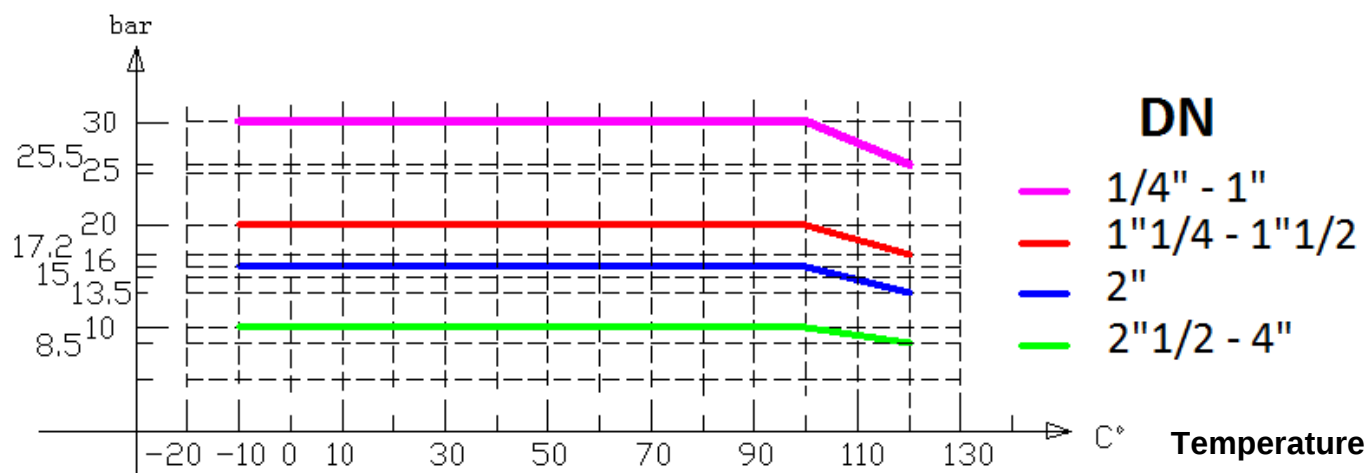
- Stem extension **Ref. 9812330 to 9812334** from DN3/8" to 2"



- Lockable handle **Ref.9812155-9812159** from DN1/2" to DN2"

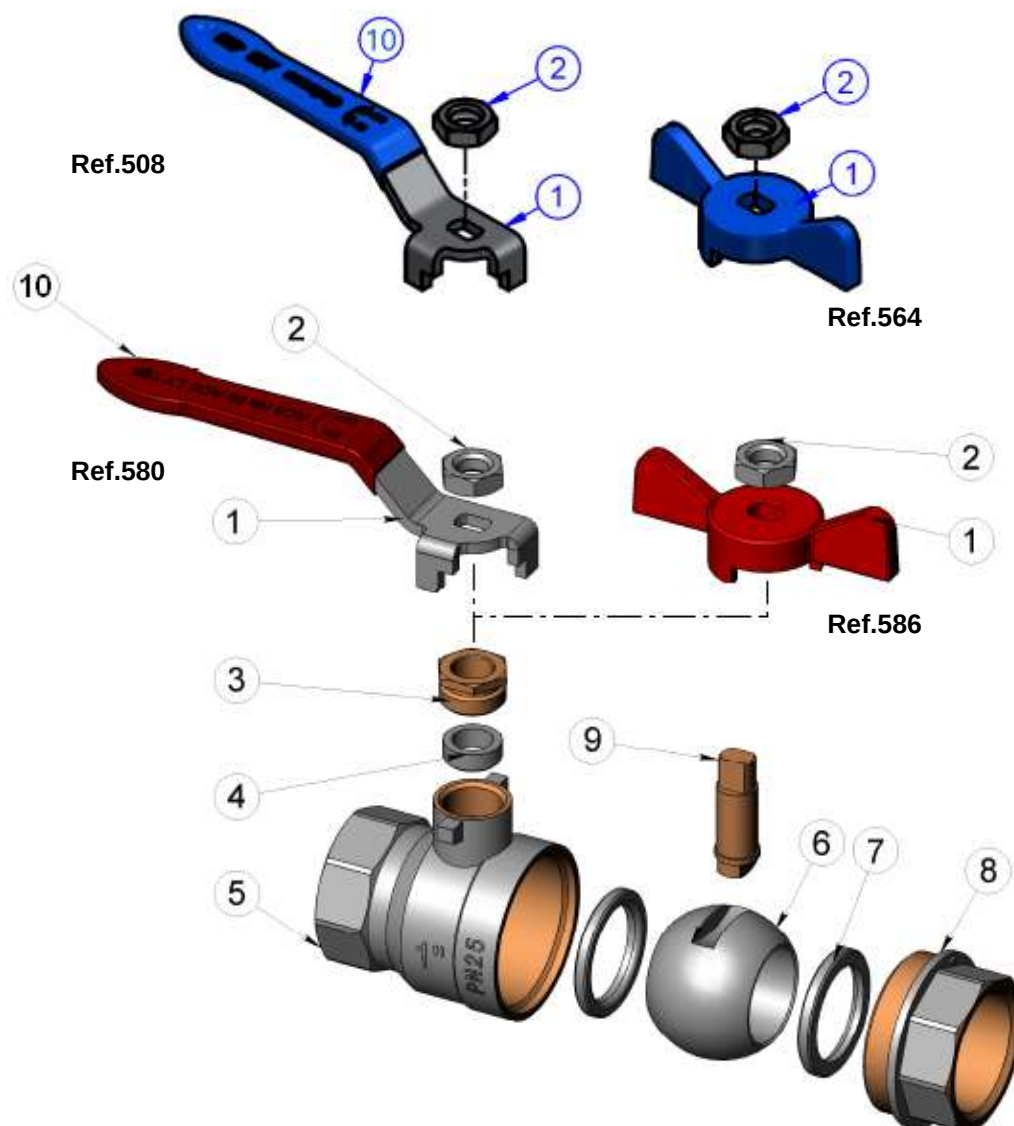
PRESSURE / TEMPERATURE GRAPH (STEAM EXCLUDED) :

Pressure



BRASS BALL VALVE ACS PN30 BATIMENT + 4MS

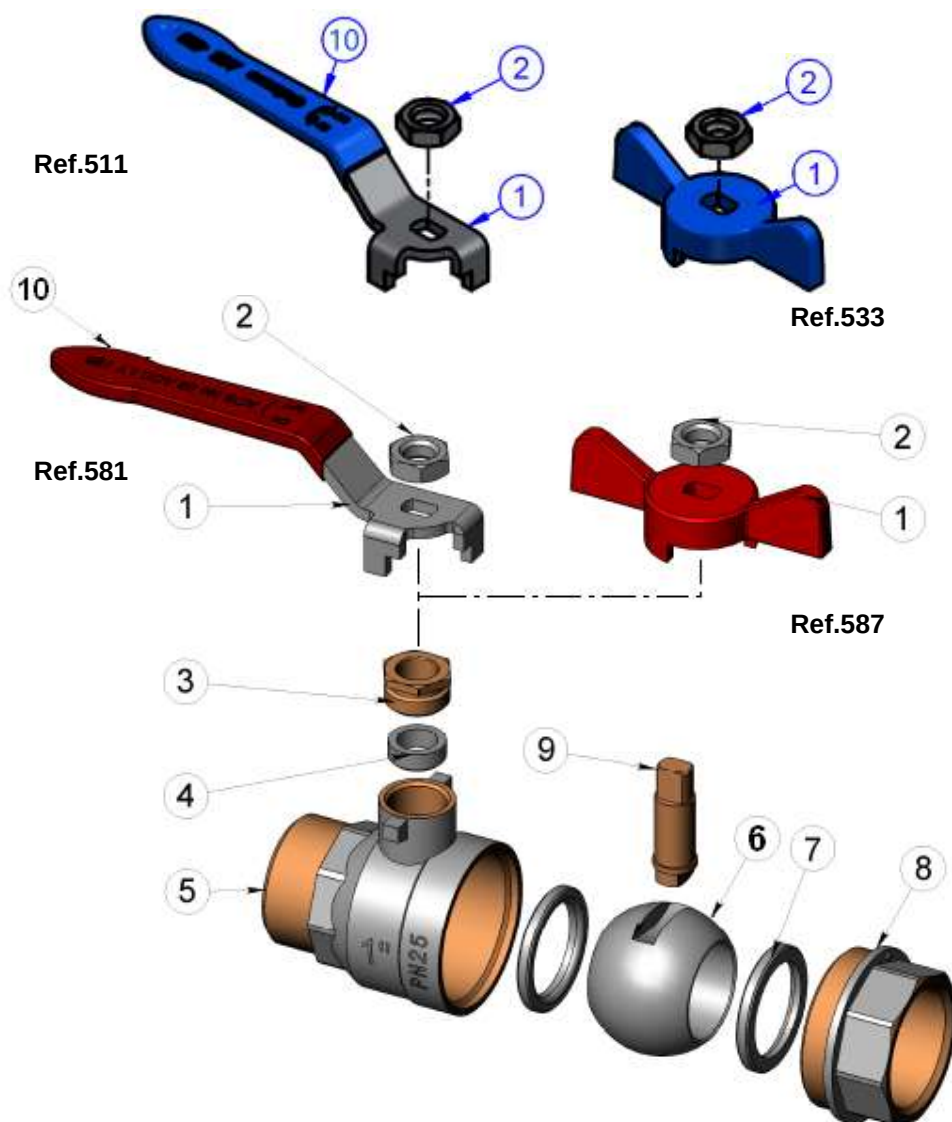
MATERIALS FEMALE – FEMALE TYPES :



Item	Designation	Materials 508-580	Materials 564-586
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 CW 617 N 4MS according to EN 12165	
10	Handle cover	Plastic	-

BRASS BALL VALVE ACS PN30 BATIMENT + 4MS

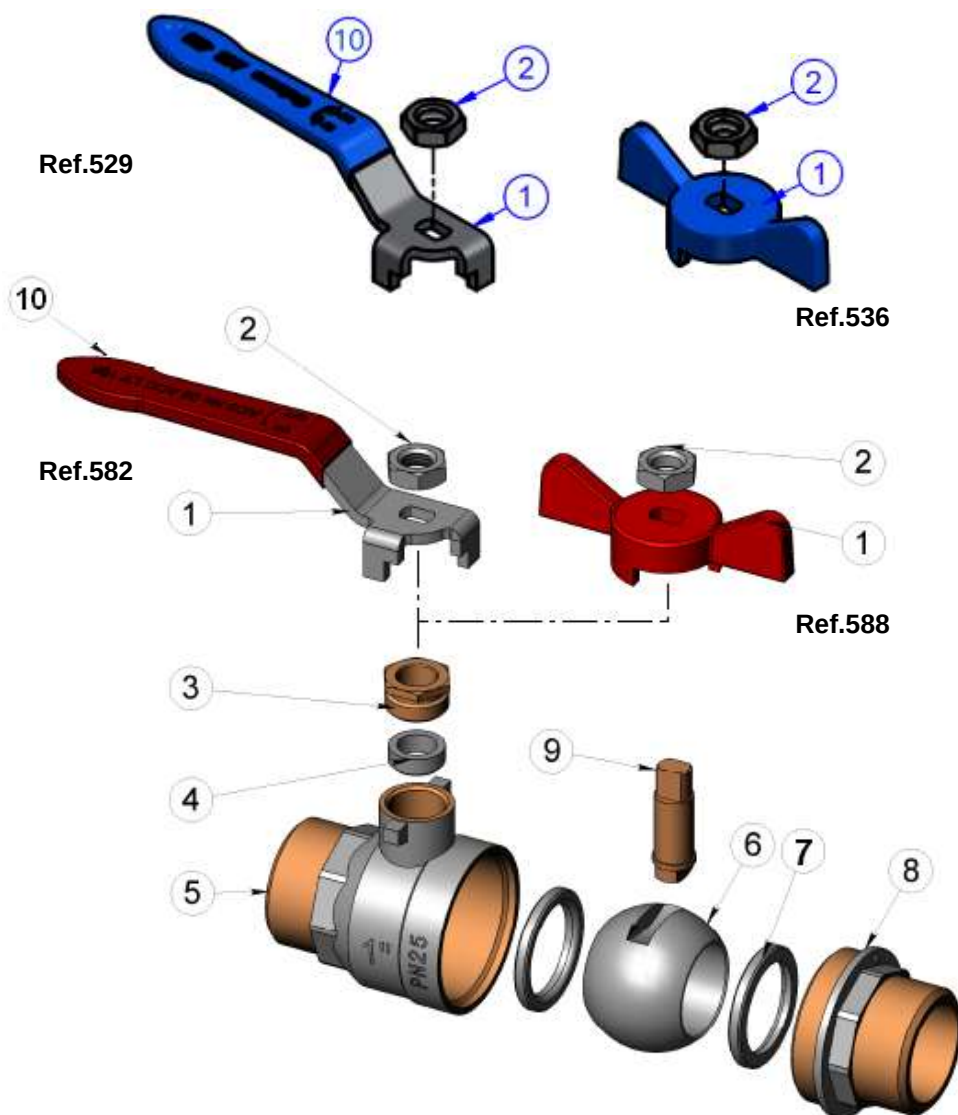
MATERIALS MALE – FEMALE TYPES :



Item	Designation	Materials 511-581	Materials 533-587
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 nickerled	
5	Body (internal)	Brass CW 617 N 4MS according to EN 12165	
6	Ball	Chromed brass	
7	Seat	PTFE	
8	Bonnet (hexagonal)	Brass CW 617 N 4MS according to EN 12165 nickerled	
8	Bonnet	Brass CW 617 N 4MS according to EN 12165	
9	Stem	Brass CW 617 N 4MS according to EN 12165	
10	Handle cover	Plastic	-

BRASS BALL VALVE ACS PN30 BATIMENT + 4MS

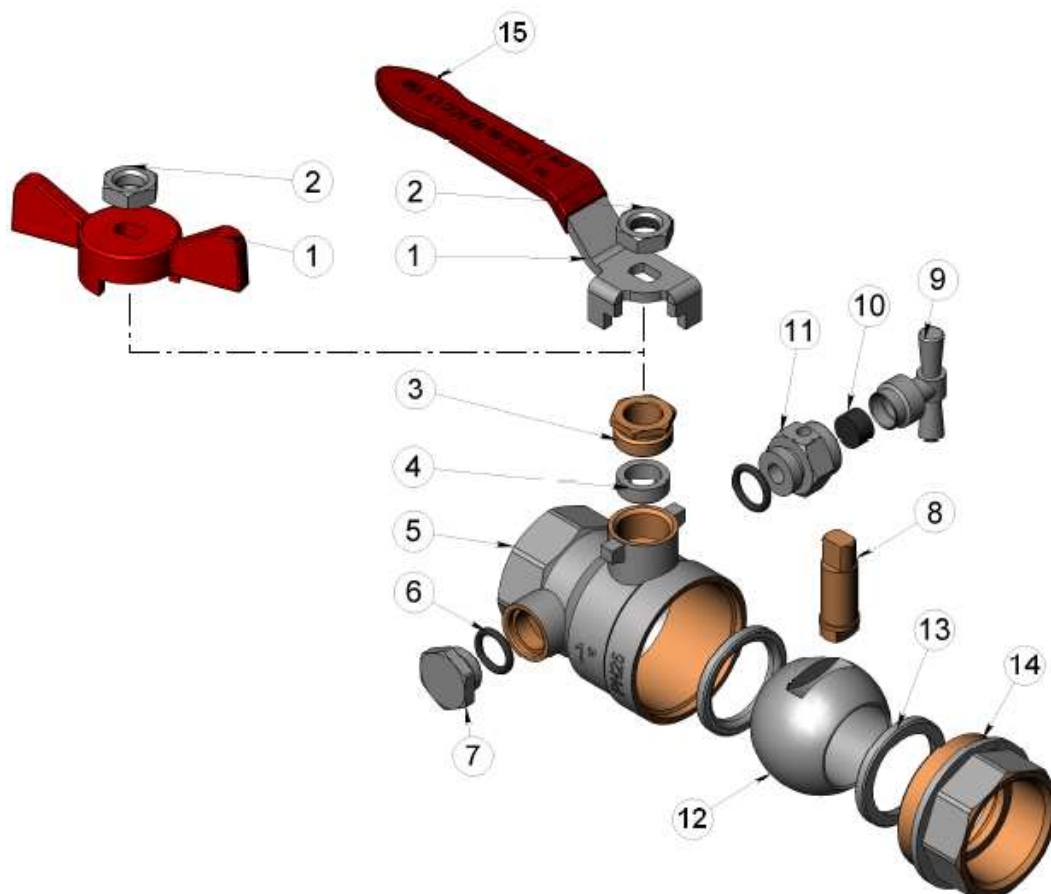
MATERIALS MALE – MALE TYPES :



Item	Designation	Materials 529-582	Materials 536-588
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 nicked	
5	Body (internal)	Brass CW 617 N 4MS according to EN 12165	
6	Ball	Chromed brass	
7	Seat	PTFE	
8	Bonnet (hexagonal)	Brass CW 617 N 4MS according to EN 12165 nicked	
8	Bonnet	Brass CW 617 N 4MS according to EN 12165	
9	Stem	Brass CW 617 N 4MS according to EN 12165	
10	Handle cover	Plastic	-

BRASS BALL VALVE ACS PN30 BATIMENT + 4MS

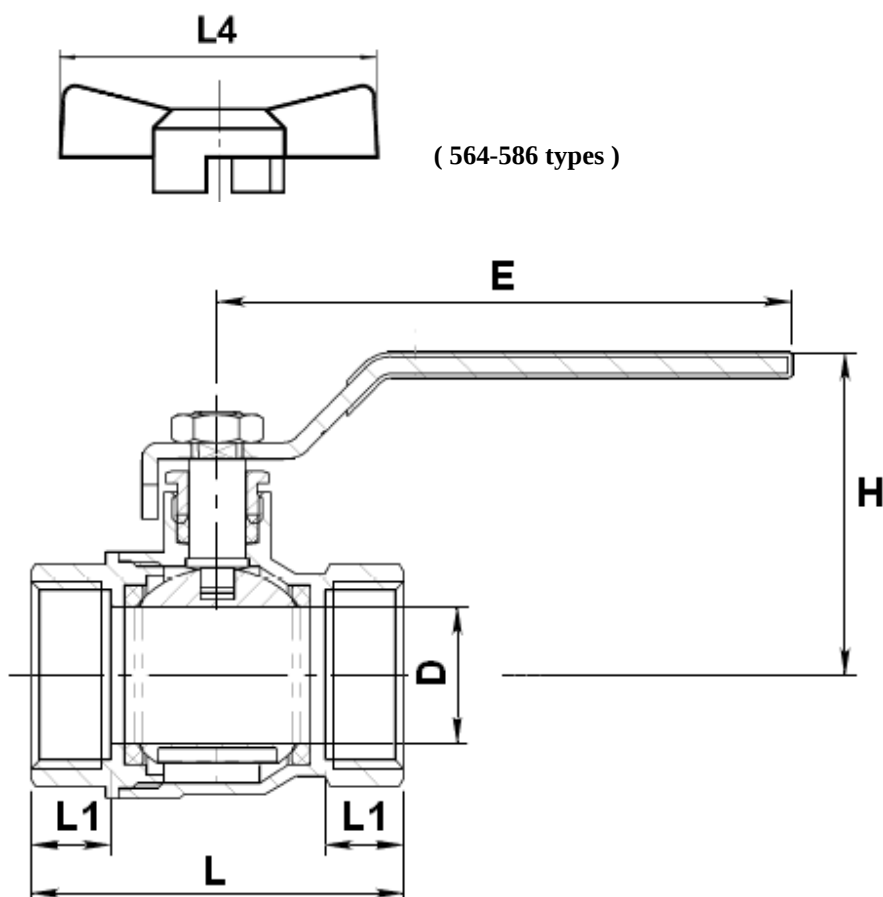
MATERIALS FEMALE – FEMALE WITH DRAINER TYPES :



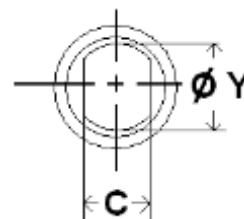
Item	Designation	Materials 585	Materials 560
1	Handle	Steel Q235	Aluminium
2	Handle nut	Steel Q235 Dacromet coated	
3	Packing nut	Brass	
4	Packing	PTFE	
5	Body (external)	Brass CW 617 N 4MS according to EN 12165 nickel	
5	Body (internal)	Brass CW 617 N 4MS according to EN 12165	
6	O ring	NBR	
7	Plug	Nickel Brass	
8	Stem	Brass CW 617 N 4MS according to EN 12165	
9	Screw	Nickel Brass	
10	Washer	NBR	
11	Manifold	Nickel Brass	
12	Ball	Chromed Brass	
13	Seat	PTFE	
14	Bonnet (external)	Brass CW 617 N 4MS according to EN 12165 nickel	
14	Bonnet (internal)	Brass CW 617 N 4MS according to EN 12165	
15	Handle cover	Plastic	-

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FEMALE / FEMALE SIZE (in mm) :



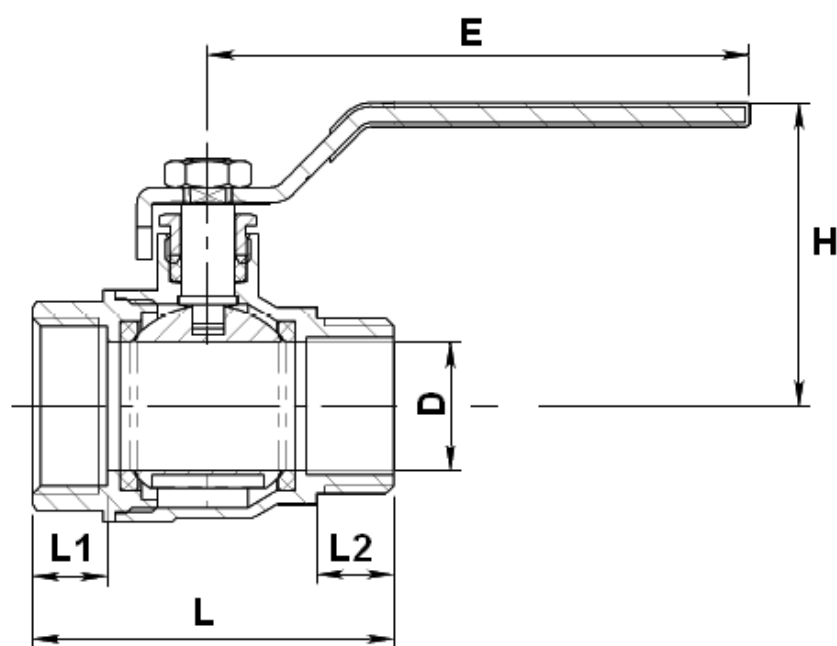
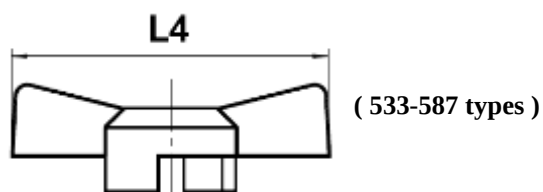
Stem size :



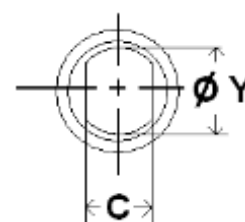
Ref.	DN	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
508 564 580 586	Ø D	8	10	14.5	19	24.5	31	39.5	49.5	62	74	85
	L	44	44	49	56	66	76	87	103	132	148	168
	L1	11.5	11.5	12	13	14	15	16	18	24	26	28
	L4	54	54	54	54	70						
	E	81.5			104	102	120		147	243		
	H	41.8		45.2	48.5	57.2	67.5	74.5	90.5	110.4	118.9	141.1
	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
508/580	Weight (Kg)	0.14	0.12	0.18	0.25	0.39	0.58	0.84	1.36	2.52	3.18	4.92
564/586		0.11	0.1	0.16	0.22	0.36						

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MALE / FEMALE SIZE (in mm) :



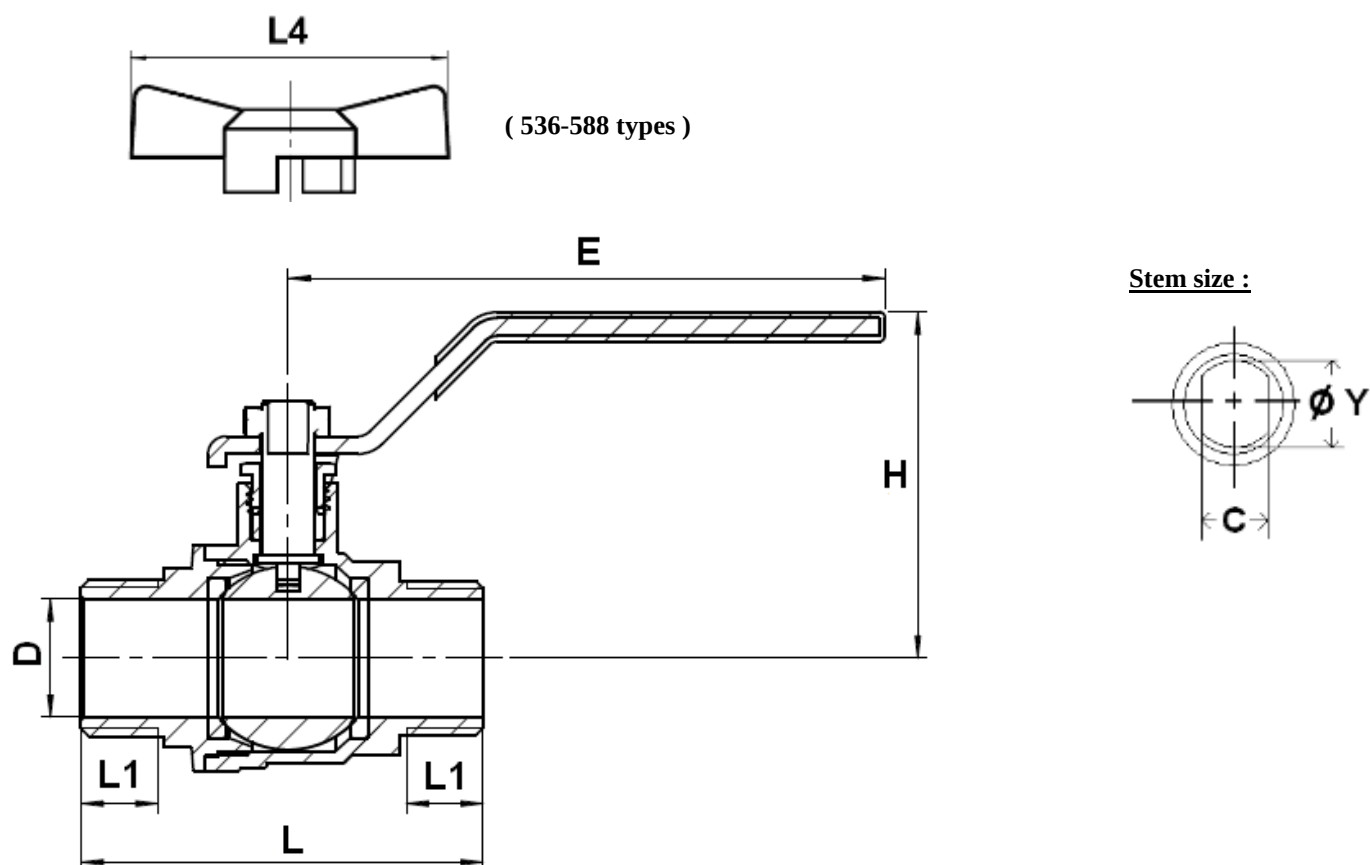
Stem size :



Ref.	DN	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"
511 533 581 587	Ø D	8	10	14.5	19	24.5	31	39.5	49.5
	L	45	45	52	60.5	68	81.5	95.5	112.5
	L1	11.5	11.5	12	13	14	15	16	18
	L2	10	10	10	12	14	15	16	18
	L4	54	54	54	54	70			
	E	81.5			104	102	120		147
	H	41.8		45.2	48.5	57.2	67.5	74.5	90.5
	C	4.8	4.8	4.8	4.8	5.8	7.8	7.8	7.8
	Ø Y	M6x1		M8x1.25		M9x1.25	M12x1.75		M14x2
511-581	Weight (Kg)	0.13	0.12	0.18	0.22	0.39	0.6	0.85	1.39
533/587		0.11	0.09	0.16	0.22	0.36			

BRASS BALL VALVE ACS PN30 BATIMENT + 4MS

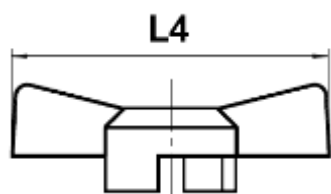
MALE / MALE SIZE (in mm) :



Ref.	DN	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"
529 536 582 588	Ø D	10	14.5	19	24.5	31	39.5	49.5
	L	50.5	57	66.5	75	90.5	104	122.5
	L1	10	10	12	14	15	16	18
	L4	54	54	54	70			
	E	81.5		104	102	120		147
	H	41.8	45.2	48.5	57.2	67.5	74.5	90.5
	C	4.8	4.8	4.8	5.8	7.8	7.8	7.8
	Ø Y	M6x1	M8x1.25		M9x1.25	M12x1.75		M14x2
529-582	Weight (Kg)	0.13	0.19	0.28	0.4	0.64	0.87	1.43
536-588		0.1	0.17	0.24	0.37			

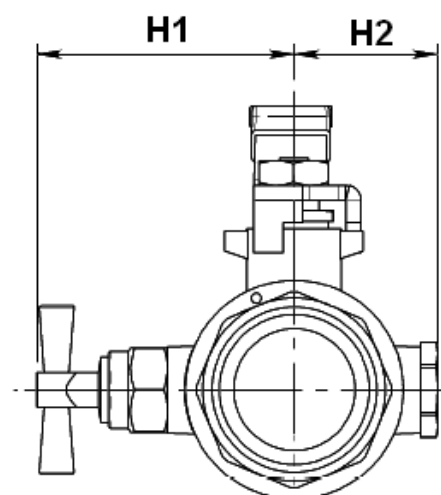
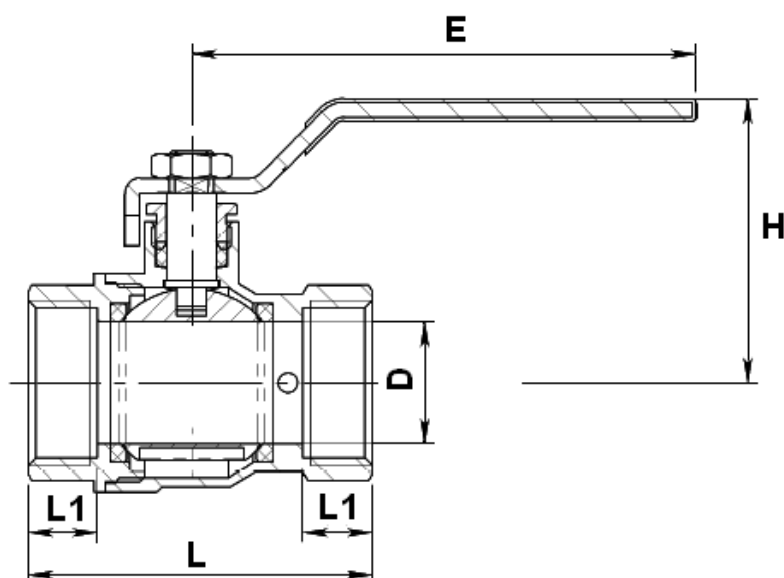
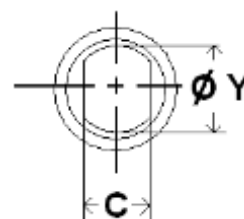
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FEMALE / FEMALE WITH DRAINER SIZE (in mm) :



(560 type)

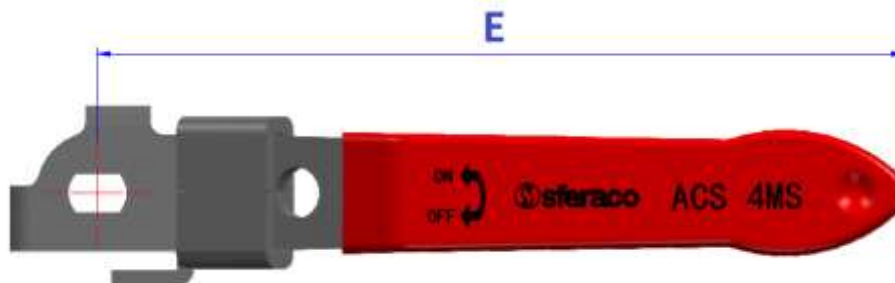
Stem size :



Ref.	DN	1/2"	3/4"	1"	1"1/4	1"1/2	2"
560	Ø D	14.5	19	24.5	31	39.5	49.5
	L	52.5	59.5	69.5	79.5	91	106.5
	L1	12	13	14	15	16	18
	E	81.5	104	102	120	120	142
	H	45	48	57	67.5	73.5	87.5
	H1	45.5	48.8	52	56.3	61.3	67
	H2	22.5	25.8	29	33.3	38.3	44
585	C	4.8	4.8	5.8	7.8	7.8	7.8
	Ø Y	M8x1.25		M9x1.25	M12x1.75		M14x2
585	Weight (Kg)	0.25	0.33	0.45	0.65	0.94	1.47
560		0.22	0.3	0.43			

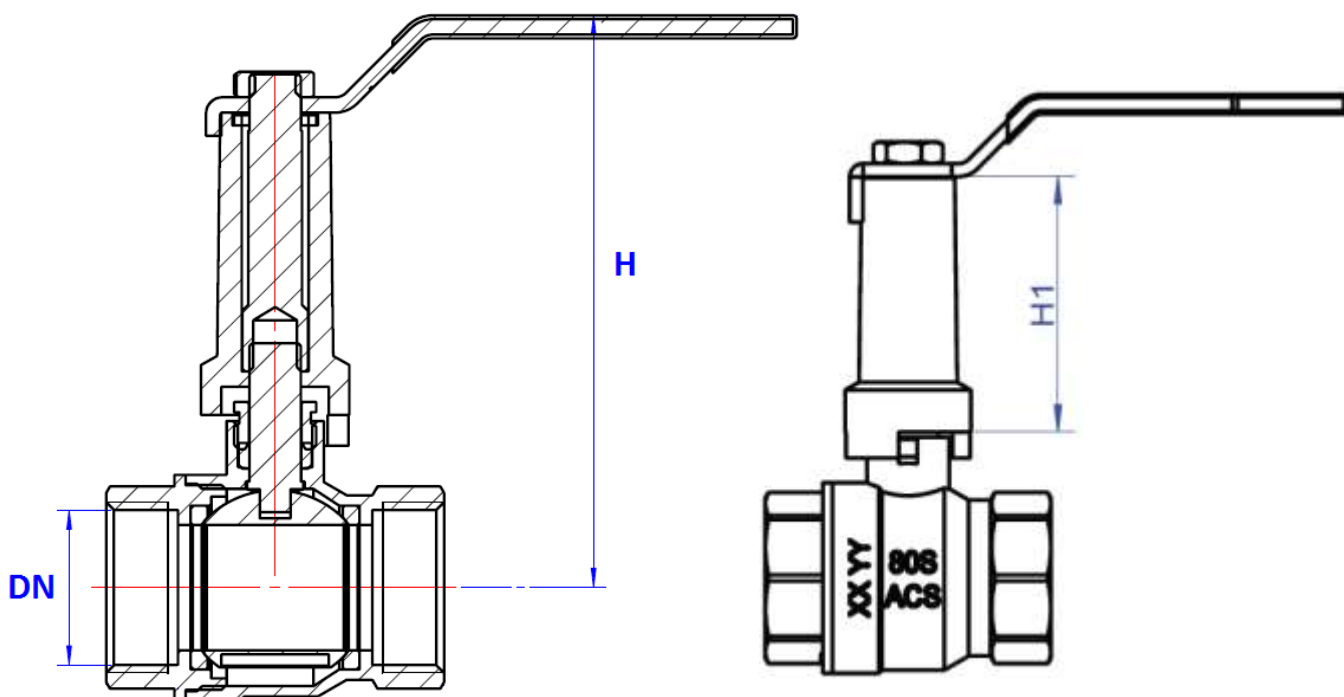
BRASS BALL VALVE ACS PN30 BATIMENT + 4MS

LOCKABLE HANDLE SIZE REF.9812155-9812159 (in mm) :



DN	1/2"	3/4"	1"	1"1/4	1"1/2	2"
E	115		125	140		165
Ref.	9812155		9812156	9812157		9812159

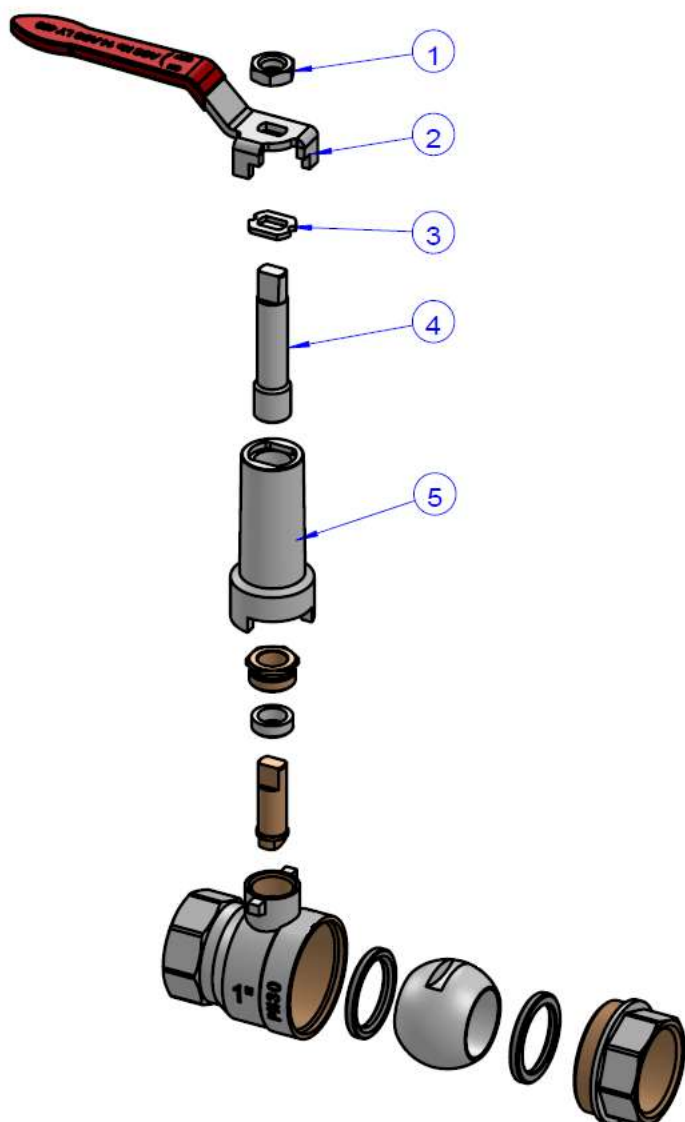
STEM EXTENSION REF.981233 (in mm) :



DN	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"
H	97.3	100.7	104	111.2	119.7	126.7	140
H1	59.5	59.5	59.5	59	56.2	56.2	58
Weight (Kg)	0.19	0.24	0.32	0.47	0.69	0.95	1.49
Ref.	9812330	9812331		9812332	9812333		9812334

BRASS BALL VALVE ACS PN30 BATIMENT + 4MS

STEM EXTENSION INSTALLATION REF.981233 :



- Remove the handle
- Install the extension housing (item 5) on the valve body
- Screw stem (item 4) on the valve stem up to the stop then unscrew a little so that the stem would be in the position below so that you could put item 3



- Install washer (item 3) as shown above
- Install handle (item 2) on the stem
- Screw the nut (Item 1) on the stem to fix the handle

BRASS BALL VALVE ACS PN30 BATIMENT + 4MS

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° 24 ACC LY 629**
- Threaded male and female BSP cylindrical ends according to ISO 228-1

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The customer must check the right choice of the products with the real service conditions.