VALVES

SIGTH BALL VALVES

BOSTON

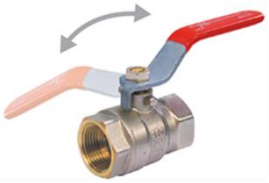
Boston ball valves are designed and guaranteed for use in drinking water, hot water and compressed air networks. For fuels, solvents, acids and aggressive liquids, contact us.

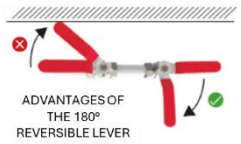
This range offers maximum protection against corrosion due to the nickel-plated finish (except inside the body and fitting) The nickel-plated finish allows it to be installed outdoors without affecting its operation.

Being manufacturing by hot stamping, compared to other valves obtained by casting, we get the lack of pores and greater mechanical strength. Maintains the coating properties for exposures up to 300°C.

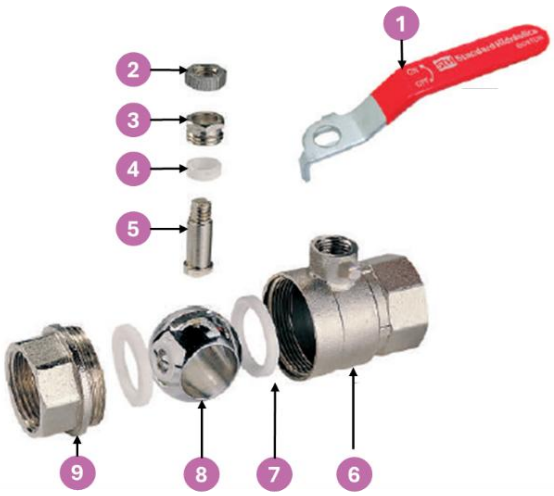
The actuating lever of the valve is designed so that in case of need its rotation can be 180°. The closing and opening rotation is still 1/4 spin, but if there are space difficulties in the installation, the position of the same can be changed.

The material of the lever is Dacromet steel, it is a proven anticorrosion solution. Dacromet is a coating that is used to protect all types of metal parts from corrosion, with more than 35 years of experience. Coating with a thin layer, not electrolytic.





TECHNICAL DATA	
Maximum pressure	30 bar
Maximum temperature	120 ºC
Range	-20 ºC to 120 ºC



	MATERIALS	
1	Level / Butterfly	Dacromet Steel / Aluminum
2	Nut	Brass (UNE-EN 12164 -12165)
3	Packing ring	Brass (UNE-EN 12164 -12165)
4	Sealing joint	PTFE
5	Stem	Brass (UNE-EN 12164 -12165)
6	Body	Brass (UNE-EN 12164 -12165)
7	Sealing joint	PTFE
8	Ball	Brass (UNE-EN 12164 -12165)
9	Fitting	Brass (UNE-EN 12164 -12165)

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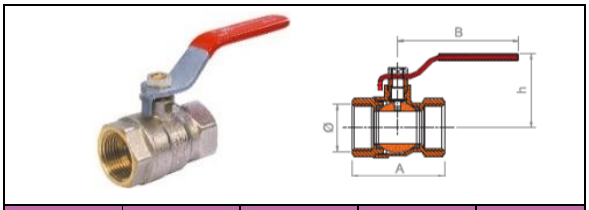
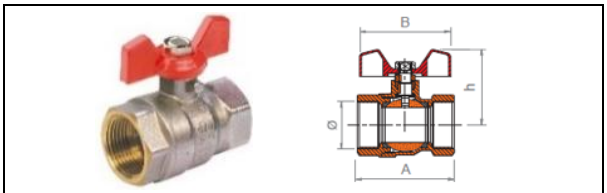
ROSCA BSP F-F ISO 228/1
Steel Red Arm Lever Dacromet



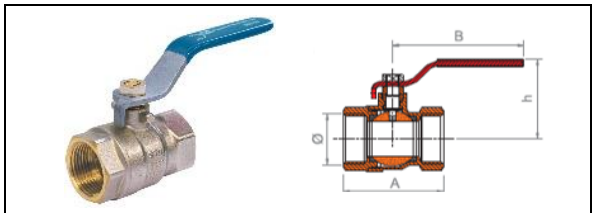
Code	Ø	A	B	h
31000	3/8"	39	80	39
31001	1/2"	47	92	44
31002	3/4"	55	92	48
31003	1"	64	105	56
31004	1 1/4"	73	135	73
31005	1 1/2"	85	135	78
31006	2"	99	155	83
31007	2 1/2"	130	220	117
31008	3"	146	220	125

ROSCA BSP F-F ISO 228/1
Aluminium Red Butterfly Handle



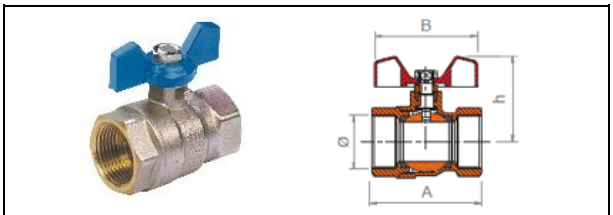
Code	Ø	A	B	h
31010	3/8"	39	54	32
31011	1/2"	48	54	38
31012	3/4"	55	54	41
31013	1"	64	70	51

ROSCA BSP F-F ISO 228/1
Steel Blue Arm Lever Dacromet



Code	Ø	A	B	h
31041	3/8"	39	80	39
31042	1/2"	47	92	44
31043	3/4"	55	92	48
31044	1"	64	105	56
31045	1 1/4"	73	135	73
31046	1 1/2"	85	135	78
31047	2"	99	155	83

ROSCA BSP F-F ISO 228/1
Aluminium Blue Butterfly Handle



Code	Ø	A	B	h
31048	3/8"	39	54	32
31049	1/2"	48	54	38
31050	3/4"	55	54	41
31051	1"	64	70	51

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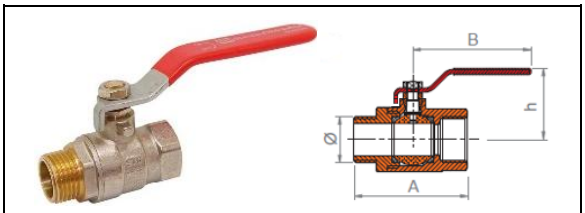
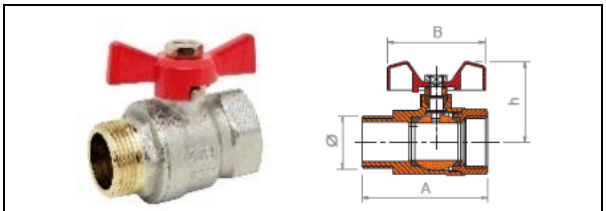
THREAD BSP M-F ISO 228/1
Steel Red Arm Lever Dacromet



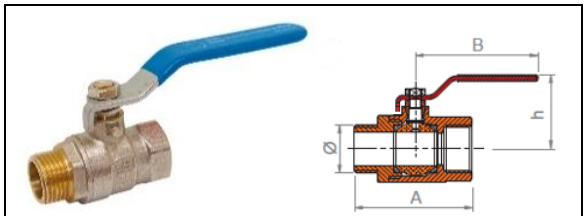
Code	Ø	A	B	h
31020	3/8"	46	80	39
31021	1/2"	54	92	44
31022	3/4"	61	92	48
31023	1"	71	105	56
31024	1 1/4"	81	135	74
31025	1 1/2"	94	135	79
31026	2"	109	155	82

THREAD BSP M-F ISO 228/1
Aluminium Red Butterfly Handle



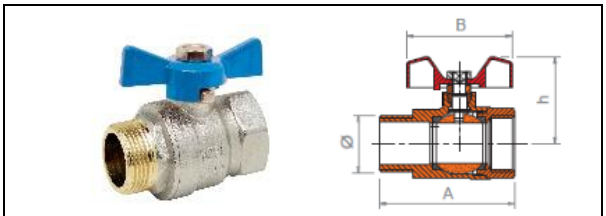
Code	Ø	A	B	h
31027	3/8"	46	54	32
31028	1/2"	54	54	38
31029	3/4"	61	54	43
31030	1"	71	70	51

THREAD BSP M-F ISO 228/1
Steel Blue Arm Lever Dacromet



Code	Ø	A	B	h
31052	3/8"	46	80	39
31053	1/2"	54	92	44
31054	3/4"	61	92	48
31055	1"	71	105	56
31056	1 1/4"	81	135	74
31057	1 1/2"	94	135	79
31058	2"	109	155	82

THREAD BSP M-F ISO 228/1
Aluminium Blue Butterfly Handle



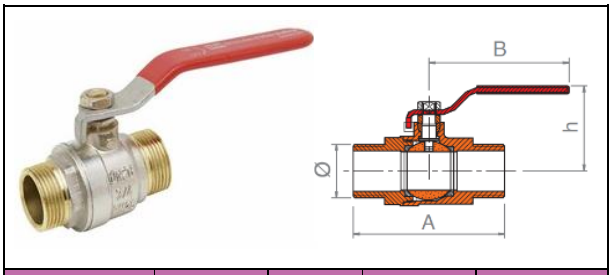
Code	Ø	A	B	h
31059	3/8"	46	54	32
31060	1/2"	54	54	38
31031	3/4"	61	54	43
31032	1"	71	70	51

VALVES

SIGTH BALL VALVES

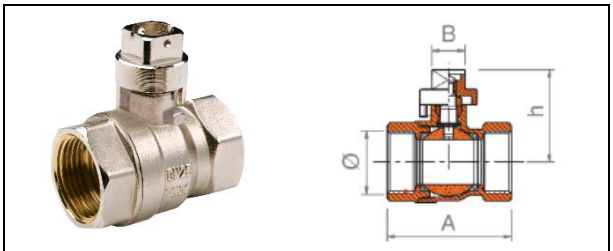
BOSTON

THREAD BSP M-M ISO 228/1
Aluminium Steel Red Arm Lever



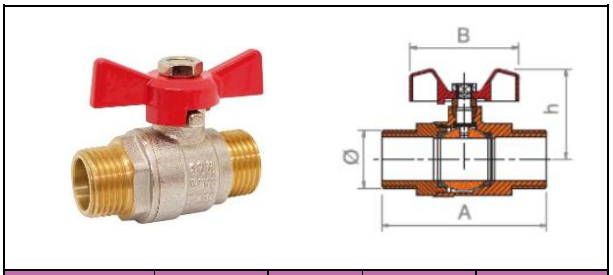
Code	Ø	A	B	h
31033	3/8”	48	80	39
31034	1/2"	56	92	44
31035	3/4"	65	92	48
31036	1"	75	105	56

THREAD BSP F-F ISO 228/1
Square Handle



Code	Ø	A	B	h
31170	1/2"	47	18	42
31171	3/4"	55	18	45
31172	1"	64	18	50
31173	1 1/4"	73	20	70
31174	1 1/2"	85	20	74
31175	2"	90	20	84

THREAD BSP M-M ISO 228/1
Aluminium Red Butterfly Handle



Code	Ø	A	B	h
31037	3/8”	48	54	32
31038	1/2"	56	54	35
31039	3/4"	65	54	39
31040	1"	75	70	49

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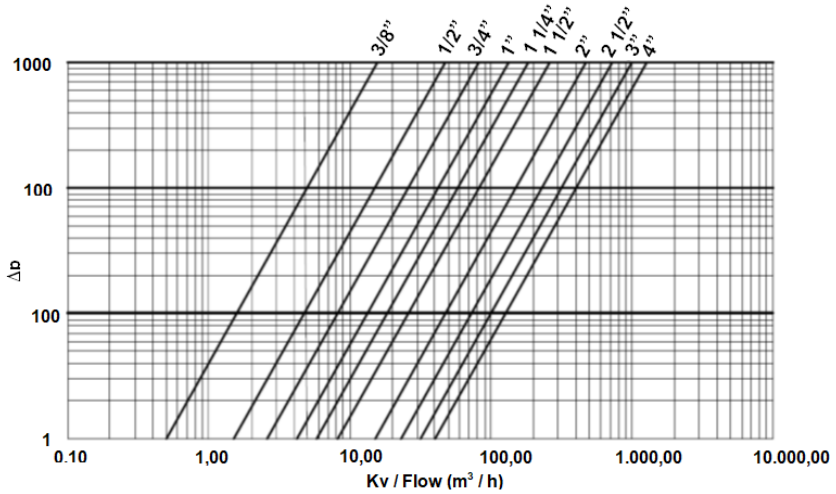
DIAGRAM PRESSURE DROP

Kv Values

Kv is the flow coefficient in metric units.
It is defined as the flow rate in cubic meters per hour (m^3 / h) of water at a temperature between 5°C and 40°C with a pressure drop through the open valve of 1 bar.

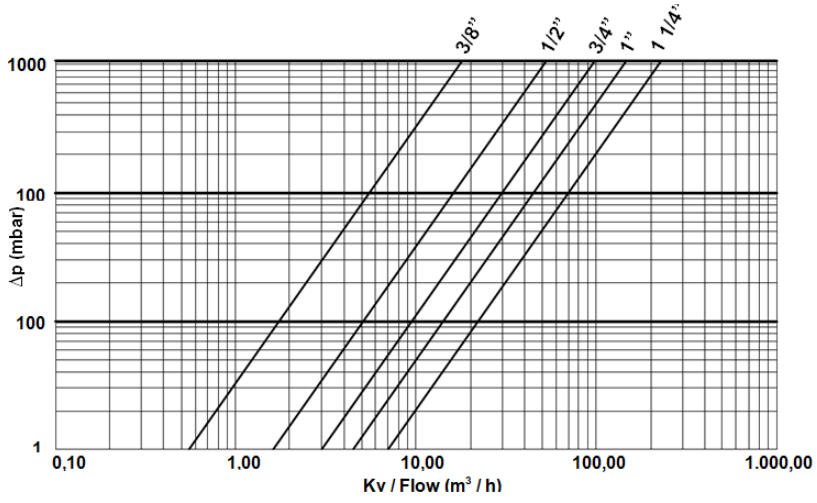
Ball Valve F-F

Size	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Kv	5.3	15.5	27	43	63	97	179	273	374	476



Ball valve M-F / M-M

Size	3/8"	1/2"	3/4"	1"	1 1/4"
Kv	6	16.5	31	46	76



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Safety Warnings

- Before installation, ensure that the pipes are clean and free of debris that could affect the valve's operation.
- Do not operate the handle abruptly and avoid excessive and unnecessary makeovers.
- Do not use tools. The valve must be operated manually; do not use wrenches or other tools.
- Do not exceed the indicated nominal pressure. The system must always operate within the pressure range specified by the manufacturer to avoid damage or failure.
- Protect yourself from thermal risk. In hot water installations, use gloves or other protective equipment.
- Keep the valve accessible for easy operation.
- Do not operate if there is visible damage. In case of leaks, corrosion, or difficulty turning, do not use and report.
- Do not modify or alter the component. Do not paint, disassemble, or adjust without technical authorization.
- After installation, dispose of the packaging in the appropriate containers according to your local regulations.