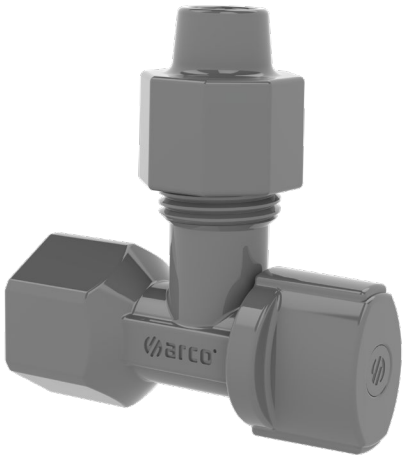


A-80 SEAWATER VALVE

A-80 SEAWATER is an angle quarter turn valve for flushing water plumbing system.

- Excellent compatibility with treated seawater
- 100% valves are tested for leakage
- Double o-ring for double external leaktightness security.
- Bigger handle for a smoother manoeuvre.
- Strong one-piece body construction for secure installation
- Easy installation thanks compact size.
- Not electroplating materials

TECNICAL SHEET A-80 SEAWATER VALVE

PRODUCT DESCRIPTION

Quarte-turn angle ball valves for surface mounting with manual operation.

The connection to supply pipe is by female thread and the connection to the device is by male thread or compression for 10 mm PEX pipe (not included).

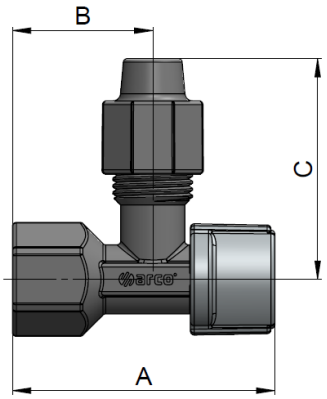
PRODUCT SCOPE

Designed for indoor flushing seawater installations. Allows individual shut-off wáter supply sanitary facilities

GENERAL DIMENSIONS, PRESSURE AND TEMPERATURE

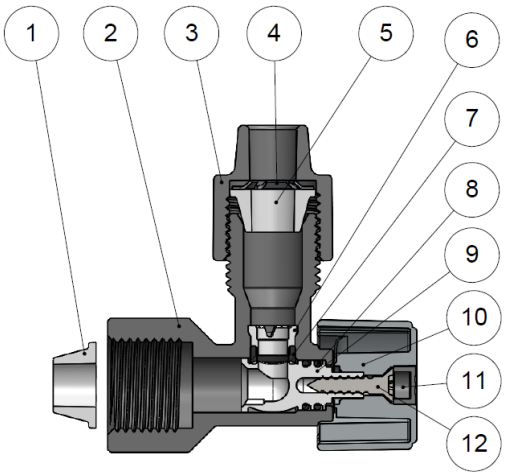
Code	Size	A (mm)	B (mm)	C (mm)	PN (BAR)	Temp. range (ºC)*
285020	1/2F X 1/2M-10	68	37	58	10	0 to 65

* Excluding freezing.



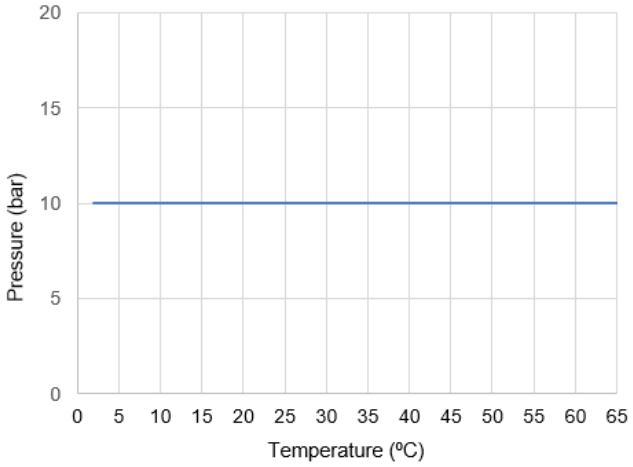
MATERIALS

Item	Component	Material	Treatment
1	Sleeve	PA	-
2	Body	POM	Grey
3	Nut	POM	Grey
4	Washer	Stainless steel	-
5	Sleeve	PA	-
6	Supporting clip	POM	-
7	Seat	NBR	-
8	O-Ring	NBR	-
9	Ball-stem	POM	-
10	Handle	ABS	Grey
11	Index	ABS	Grey
12	Screw	Stainless steel	-



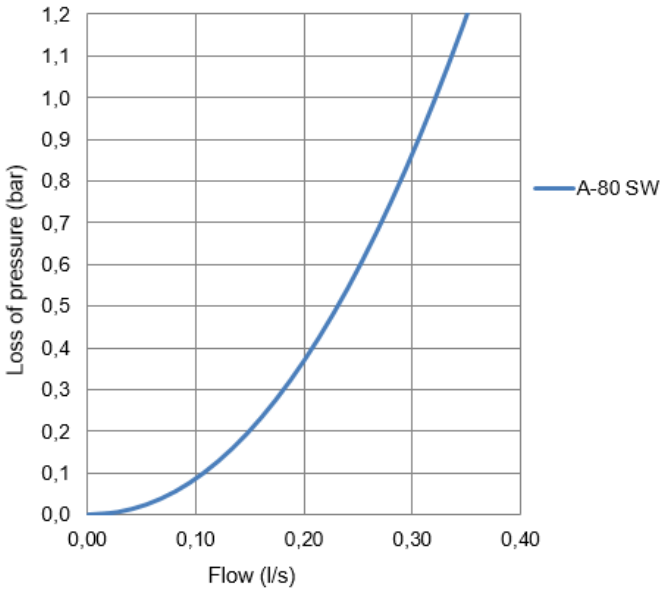
TECHNICAL DATA

Pressure vs. temperature



* Temperature range excludes freezing.

Hydraulic features.
Flow vs. loss of pressure



Compatibility with fluids

Fluid	Compatibility
Trated seawater	Excellent

Proviso for Hong Kong:
According to General Acceptance No. ZC20250271F issued by WSD, valve has been approved in flushing seawater pumbling system.

Size	A-80 1/2F x 1/2M-10
Kv	1,16

Kv (m^3/h), cubic meters per hour that flow through the valve generating a loss of pressure of 1 bar.

INSTALLATION AND OPERATION INSTRUCTIONS

Before performing any action, the water supply to the installation should be shut off. Ensure there is no dirt or foreign objects in the connection to the network. The valve installation should be carried out with a suitable tool, preferably with a wrench to hold the body. The tool should act on the flat surfaces of the valve body to avoid deforming this area due to excessive pressure from the tool. Restore the water supply and check the tightness of all connections before fixing the valve to service.

Do not alter the assembly of the valve components; replacement or disassembly of the handle may cause external leaks. Quarter-turn valves should always operate in a fully open position

All products have an environmental impact during its life cycle, even once retired. All the components of this product can be recycled. Once the use is over, leave the valve in any recycling green point. Válvulas Arco reserves the right to change the product or any of its technical specifications without prior notice.

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