
iflowcontrol

iflowcontrol

Technical Catalogue 2026

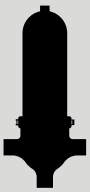
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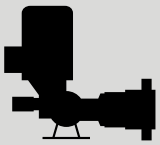
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METERING

Water Metering Systems.

- Single-jet water meters.
- Multi-jet water meters.
- Woltman Accountants.
- Electromagnetic water meters.



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measurement and precision in water control









01 JS single-jet water meter

02 WD multi-jet water meters

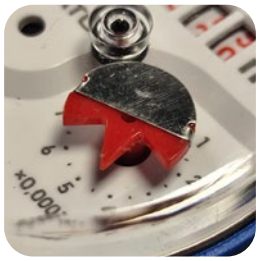
03 Woltman MWN Water meter

Siemens electromagnetic water meters,
Mag8000, FMS 04

JS single-jet water meter

The JS meter is a single jet mechanical water meter, designed for residential and commercial applications. Its paddle wheel mechanism allows precise measurement of cold water flow, with a maximum temperature of up to 30°C and a working pressure of up to 16 bar.







MATERIAL CHARACTERISTICS

Body: Brass.

Lid/Closure: Resistant technical polypropylene.

Mechanism: Acetal plastic.

Cover and Totalizer: Transparent thermal plastic.

OPERATING CHARACTERISTICS

Temperature Range: It is suitable for measuring cold water (0.1ºC to 30ºC)

Maximum Pressure: working pressure range from 0.3 to 16 bar.

Mounting: The design allows for vertical or inclined mounting.

MODELS

CODE	SIZE	CONNECTION	Q M3	L (MM)	UNITS/BOX	RRP (€)
10001007	13	3/4"-7/8"	1.5	110	25	**38**
10001008	15	3/4"	1.5	110	25	**38**
10001009	20	1"	2.5	130	25	**60**

ACCESSORIES





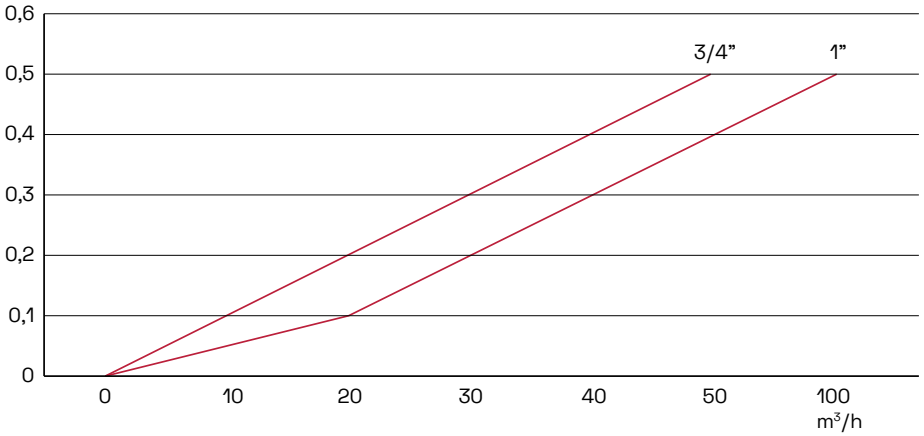


JS PULSE EMITTER		
CODE	MODEL	RRP (€)
10013013	ISSUER	**42**

PULSE TOTALIZER		
CÓDIG	MODEL	RRP (€)
10011043	TOTALIZER	**99**

UNIONS
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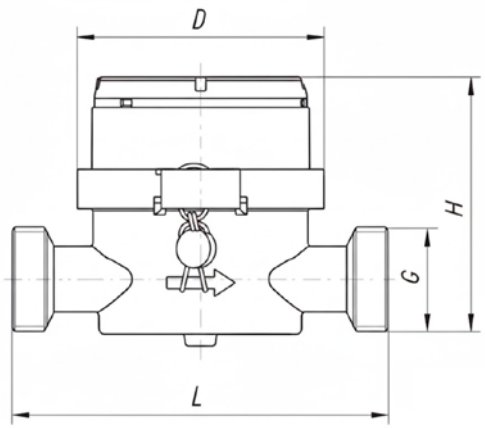
PRESSURE LOSS



FLOW RATE

Nominal diameter	DN	mm	13	15	20
Permanent flow	Q3	m3/h	1,6	1,6	2,5
Overload flow flow	Q4	m3/h	2	2	3,125
Transition flow	Q2	dm3/h	16	16	25
Minimum flow	Q1	dm3/h	10	10	16
Start-up flow	–	dm3/h	5	6	6

DIMENSIONS



SIZE	G	H	L	D	KG
13	3/4”-7/8”	68,5	110	72	0,5
15	3/4”	68,5	110	72	0,5
20	1”	68,5	130	72	0,6

Measurements in mm

DN	PERMANENT FLOW	OVERLOAD FLOW	TRANSITION FLOW	MINIMUM FLOW	STARTING FLOW
mm	Q3	Q4	Q2	Q1	–
	m3/h	m3/h	dm3/h	dm3/h	dm3/h
13	1,6	2	16 40	20 25	5
15	1,6	2	16 41	10 26	6
20	2,5	3,125	25 63	16 40	6

WD MULTI-JET WATER METER

The WD multi-jet meter is a robust and accurate water meter, ideal for residential and industrial applications. Its design divides the flow into multiple jets to drive a turbine, ensuring stable and reliable measurement even in the face of fluctuating flow rates.







MATERIAL CHARACTERISTICS

Body: Highly durable brass.

Mechanism: High resistance acetal plastic.

Cover and Totalizer: Transparent thermal plastic, resistant to impacts and high temperatures.

OPERATING CHARACTERISTICS

Operating Temperature: Supports cold water up to 30 °C

Maximum Working Pressure: Supports up to 16 bar

Totalizer: IP68, 5 digits, dry type with magnetic transmission, hermetic and adjustable 360°.

Prepared for transmitter: Compatible with reed pulse systems.

MODELS

CODE	SIZE	CONNECTION	Q M3	R (Q3/Q1)	UNITS/BOX	RRP (€)
10002040	20	3/4"	2.5	R160	10	**71**
10002041	25	1"	3.5	R160	5	**122**
10002042	30	1-1/4"	6	R160	5	**139**
10002043	40	1-1/2"	10	R160	4	**231**
10002044	50	2"	15	R160	1	**260**

ACCESSORIES





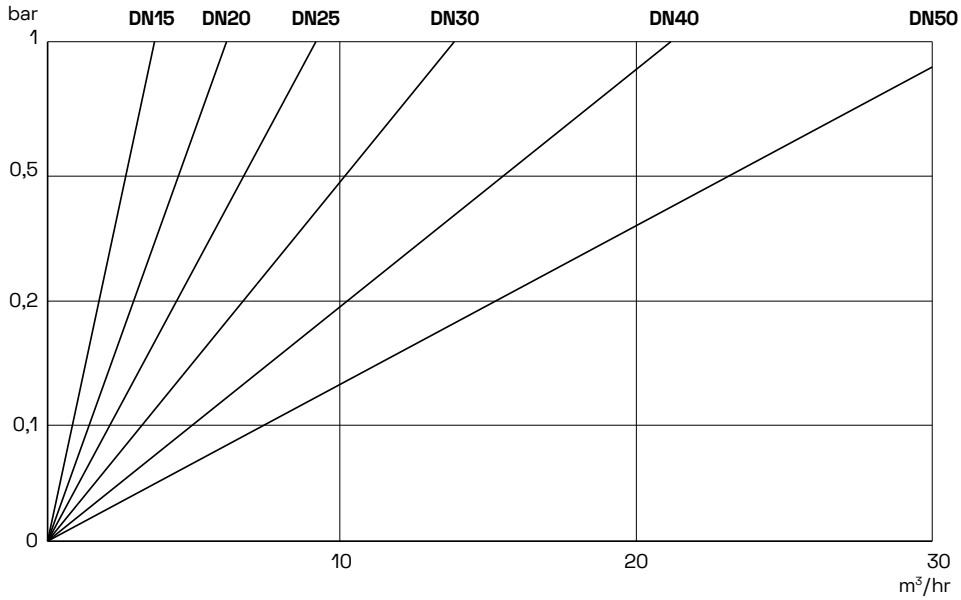


PULSE EMITTER wd		
CODE	MODEL	RRP (€)
10013019	EMISOR REED WD	**42**

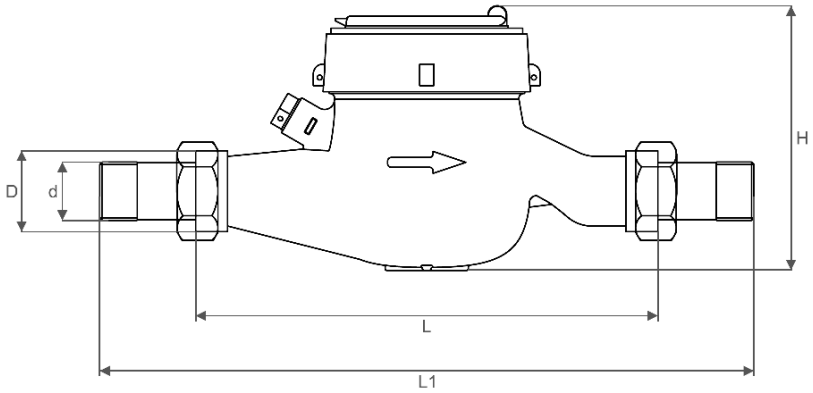
PULSE TOTALIZER		
CODE	MODEL	RRP (€)
10011043	TOTALIZA-DOR	**99**

UNIONS
SEE PAGE

PRESSURE LOSS



DIMENSIONS



DN	L	L1	D	D	H
20	190	294	G1B	R*/	107,5
25	260	380	G1'/<B	R1	117,5
32	260	384	G1'/zB	R1'/4	117,5
40	300	431	G2B	R1'/z	141,5
50	300	448	G2'/zB	R2	177

FLOW RATE

DN	CONNECTION	CAUDAL DE OVERLOAD	FLOW RATE PERMANENT	CAUDAL DE TRANSITION	MINIMUM FLOW
		Q4 m3/h	Q3 m3/h	Q2 dm3/h	Q1 dm3/h
20	3/4"	5	4	0,032	0,02
25	1"	7,88	6,3	0,0504	0,0315
32	1-1/4"	12,5	10	0,08	0,05
40	1-1/2"	20	16	0,128	0,08
50	2"	31,3	25	0,2	0,125

MWN WOLTMAN WATER METER

Woltman-type meters are used when it comes to recording large flows with a relatively constant profile. The hydrodynamically optimized turbine operates reliably even at low flow rates.







MATERIAL CHARACTERISTICS

Body: Ductile Cast Iron with Epoxy Coating

Plastic Turbine or Propeller: Polycarbonate, Polypropylene, Stainless Steel 316

Tote: Polycarbonate

Reading Rollers: Technical plastic

Transmission Mechanism: Magnets (for dry magnetic transmission)

OPERATING CHARACTERISTICS

Measurement Type: Flow through a turbine with parallel axis.

Registration: Dry (separated from water) with IP65 protection.

Connection: Flanges

Maximum Pressure: 16 bar

MODELS

CODE	SIZE	CONNECTION	Q M3	R (Q3/Q1)	UNITS/BOX	RRP (€)
10003036	50	2”	25	R100	1	**379**
10003037	65	2-1/2”	30	R125	1	**398**
10003038	80	3”	40	R160	1	**447**
10003039	100	4”	80	R200	1	**501**
10003040	125	5”	100	R160	1	**671**
10003041	150	6”	160	R200	1	**780**
10003042	200	8“	200	R125	1	**1.022**
10003043	250	10”	300	R100	1	**1.624**

R = Q3/Q1. DN300: R125.

ACCESSORIES



REED MWN EMITTER		
CODE	MODEL	RRP (€)
10013012	EMISOR REED	**52**



butterfly valves

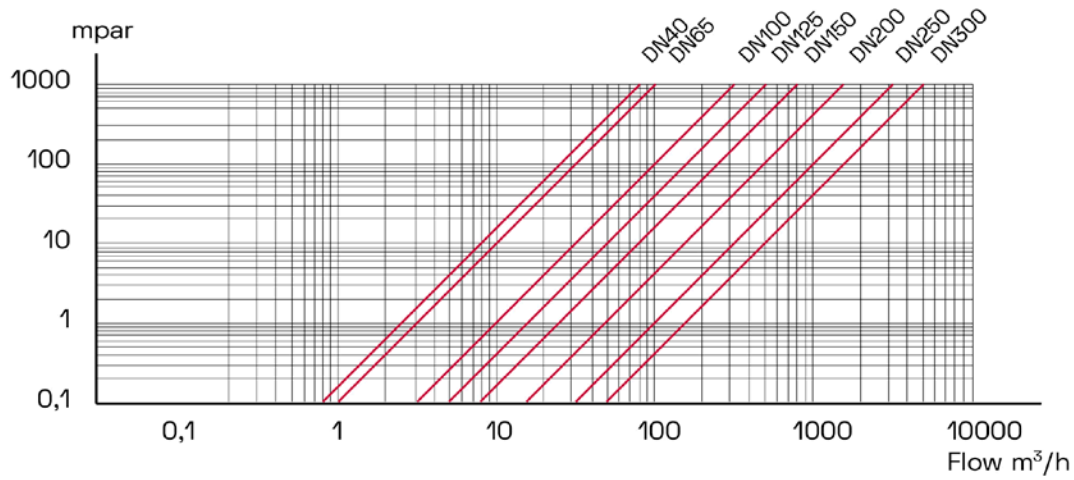
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basket pre-filters

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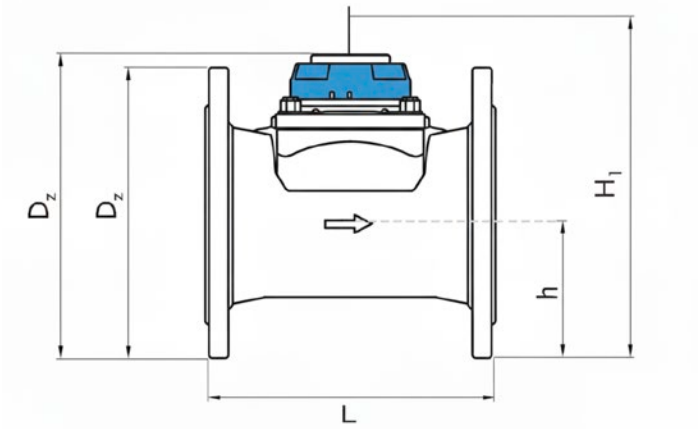
PRESSURE LOSS



FLOW RATE

DN	CAUDAL PERMANENTE	CAUDAL DE OVERLOAD FLOW	CAUDAL DE TRANSITION	MINIMUM FLOW	CAUDAL DE ARRANQUE
	Q3 m3/h	Q4 m3/h	Q2 dm3/h	Q1 dm3/h	–
50	40	50	0,64	0,4	0,15
65	63	78,75	0,806	0,504	0,2
80	100	125	1	0,625	0,25
100	160	200	1,28	0,8	0,25
125	250	312,5	2,5	1,563	0,5
150	400	500	3,2	2	1,0
200	630	787,5	8,064	5,04	1,5
250	1000	1250	16	10	3
300	1600	2000	20,48 25,6	12,8 16	8

DIMENSIONS



DN	L	h	H	H_1	D_z	KG
50	200	72	187	287	165	9,9
65	200	83	197	297	185	10,6
80	225	95	219	239	200	13,3/13,8***
100	250	105	229	349	220	15,6
125	250	120	257	377	250	18,1
150	300	135	357	582	285	40,1
200	350	160	382	607	340	51,1
250	450	193	427	652	400	75,1
300	500	230	497	722	460	103,1

IPERL ELECTROMAGNETIC WATER METER

iPERL offers unmatched measurement precision with a R800 ratio for all its sizes between DN15 and 40. Unlike other static measurement sensors, iPERL uses remanent magnetic field technology that offers a linear measurement range even at very low working flow rates.







MATERIAL CHARACTERISTICS

External Shell: Thermoplastic.

Body/Meter: composite.

Flow Tube: Polyphenylene sulfide alloy.

OPERATING CHARACTERISTICS

Installation Flexibility: Offers constant metrological performance.

Flow Detection: it has an automatic flow direction detection system.

Intelligent Communication: low consumption radio technology in 868 MHz or 433 MHz.

Operating Ranges: The maximum working pressure is 16 bar.

MODELS

CODE	SIZE	CONNECTION	Q M3	L (MM)	UNITS/BOX	RRP (€)
10004059	20	3/4”	2.5	190	**1**	**391**
10004055	25	1”	3.5	260	**1**	**440**
10004056	30	1-1/4”	6	260	**1**	**517**
10004057	40	1-1/2”	10	300	**1**	**550**

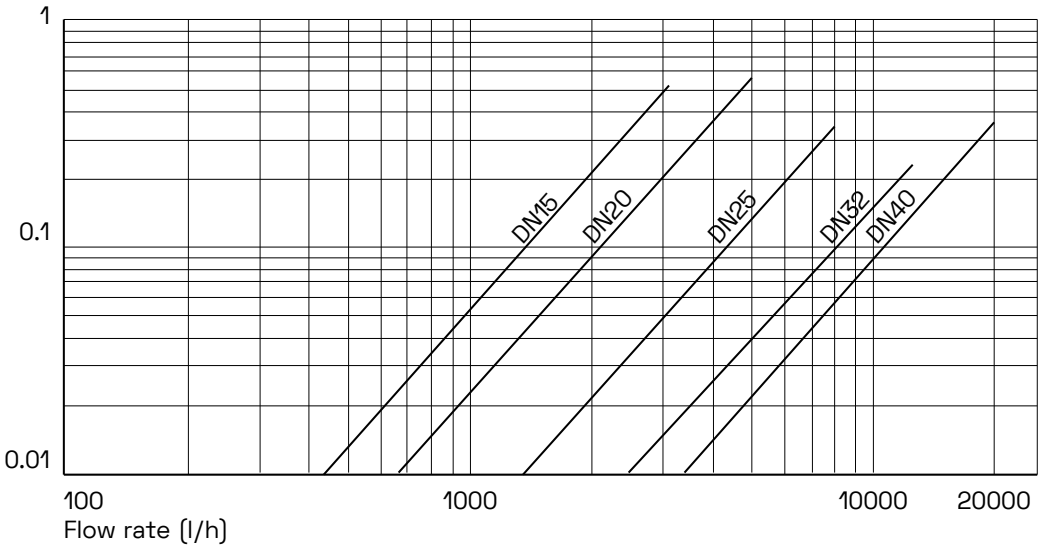
ACCESSORIES



UNIONS

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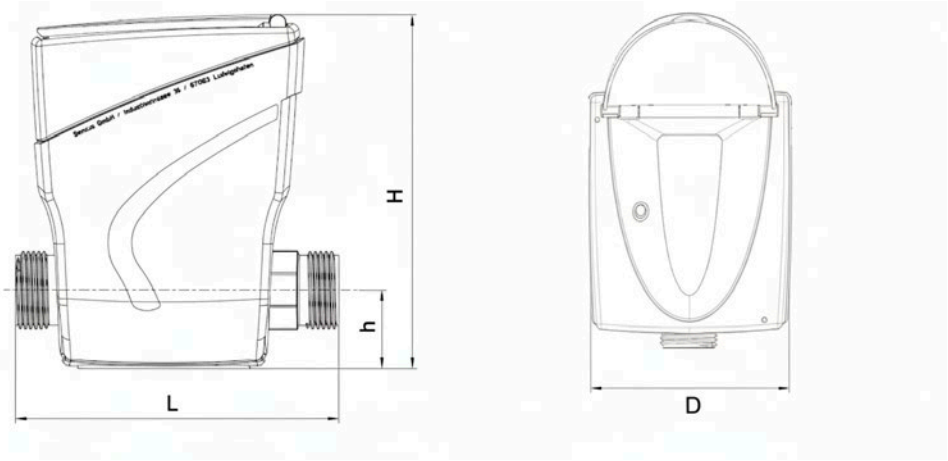
PRESSURE LOSS



FLOW RATE

DN	FLOW RATE PERMANENT	CAUDAL DE ARRANQUE	RATIO "R"	FLOW RATE MAXIMUM	MINIMUM FLOW	CAUDAL DE TRANSITION
	Q3 m3/h	l/h		Q4 m3/h	Q1 l/h	Q2 l/h
15	2,5	1	800	3,125	3,13	5
20	4	1,6	800	5	5	8
25	6,3	2,5	800	7,875	7,88	12,6
32	10	4	800	12,5	12,5	20
40	16	6,4	800	20	20	32

DIMENSIONS



DN	CONNECTION	L	D	H	H	KG
20	1"	190	94	120	**26**	**0,85**
25	1¼"	260	114	138	**40**	**1,65**
32	1½"	260	114	138	**40**	**1,65**
40	2"	300	114	138	**40**	**1,75**

ELECTROMAGNETIC WATER METER MAG 8000

The MAG8000 electromagnetic flowmeter is an electromagnetic meter specially designed for control and monitoring of drinking water and irrigation networks, with the advantage of being a battery-powered device and free internal passage.







MATERIAL CHARACTERISTICS

Body (Sensor): Carbon steel and epoxy paint, PN10 or PN16 flanges

Internal coating: EPDM and Hastelloy electrodes

Lid/Closure: Stainless steel **(AISI 316)**

Mechanism: Powered by lithium batteries

OPERATING CHARACTERISTICS

Accuracy: 0,4%

Flanges: DIN 50-600 (other flange standards available upon request)

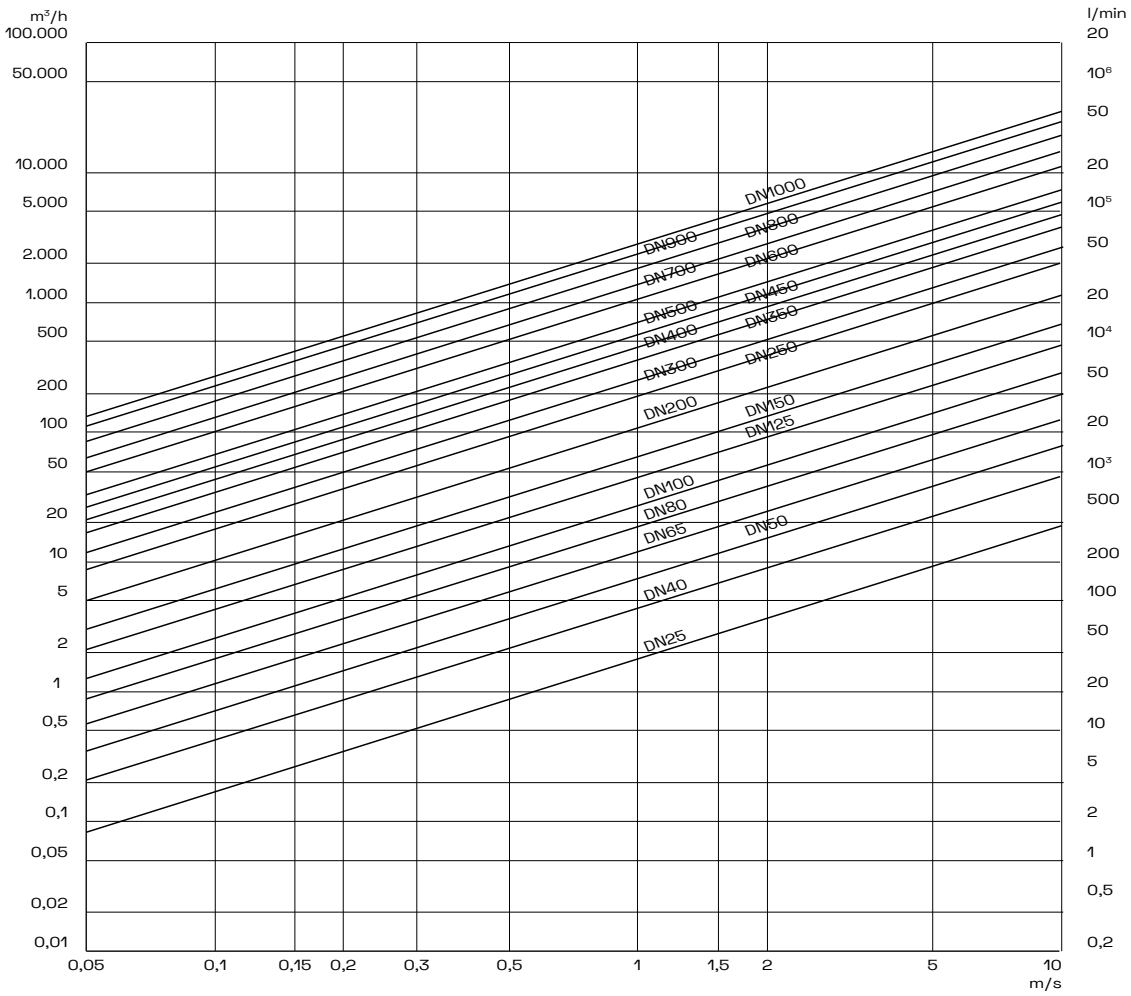
Power Converter: Lithium batteries with a lifespan of 5 years.

Two passive pulse outputs

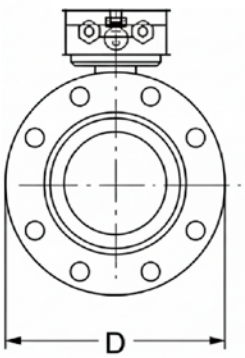
MODELS

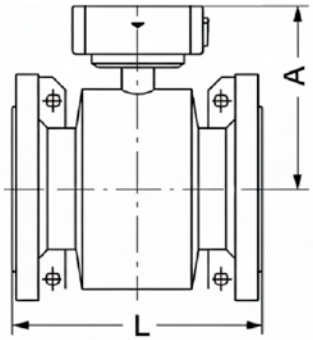
SIZE	FLOW RATE MINIMUM	FLOW RATE MAXIMUM	CODE (PN16)	RRP (€) (PN16)	CODE (PN10)	RRP (€) (PN10)
50	3,5	35	**10004024**	**3822**		
65	6	60	**10004025**	**3837**		
80	9	90	**10004026**	**3852**		
100	14	142	**10004027**	**3916**		
125	22	221	**10004028**	**4187,49**		
150	31	318	**10004029**	**4433**		
200	56	565	**10004030**	**4850**	**10004100**	**4768**
250	88	883	**10004031**	**5476**	**10004101**	**5334,74**
300	127	1272	**10004032**	**6993**	**10004102**	**6766,52**
350	173	1732	**10004033**	**9991**	**10004103**	**9694,31**
400	226	2260	**10004034**	**12103**	**10004104**	**11690**
500	353	3500	**10004036**	**15994**	**10004105**	**15488**

PRESSURE LOSS



DIMENSIONS





DN	A	L	D	KG
50	195	200	42	11
65	201	200	55	13
80	207	200	67	15
100	214	250	81	17
125	224	250	101	22
150	239	300	131	28
200	264	350	169	50
250	291	450	212	71
300	317	500	265	88
350	369	550	350	111
400	394	600	400	126
450	425	600	450	175
500	450	600	500	225

FMS ELECTROMAGNETIC WATER METER

The Siemens FMS flowmeter is an electromagnetic flow sensor designed to meet the needs of groundwater, drinking water, wastewater and sewage sludge applications.







MATERIAL CHARACTERISTICS

Body: Carbon steel

Internal coating: EPDM and Hastelloy electrodes

Lid/Closure (Transmitter Case): Technical plastic

Face and Totalizer: Liquid Crystal Display (LCD)

OPERATING CHARACTERISTICS

Diameters from DN 15 to DN 2000

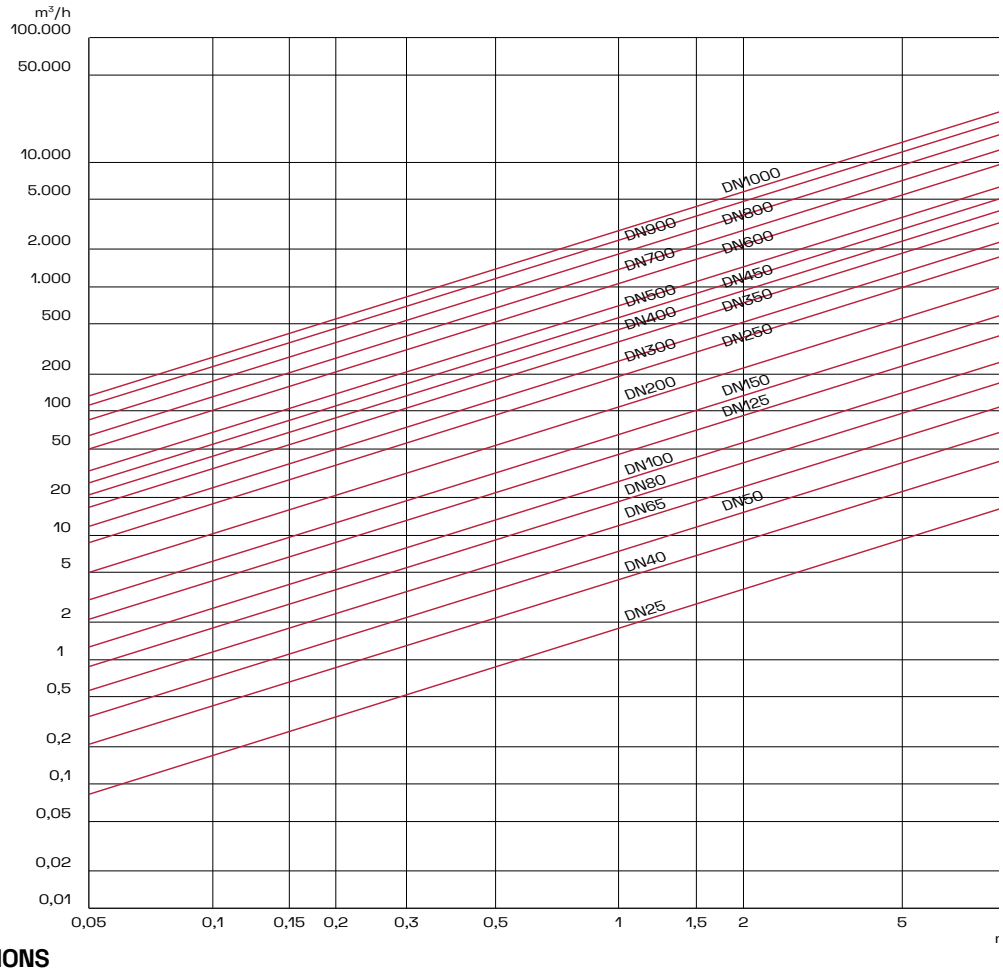
Union flanges EN 1092-1 (DIN 2501), ANSI, AWWA, AS and JIS

Verification option for billing water consumption

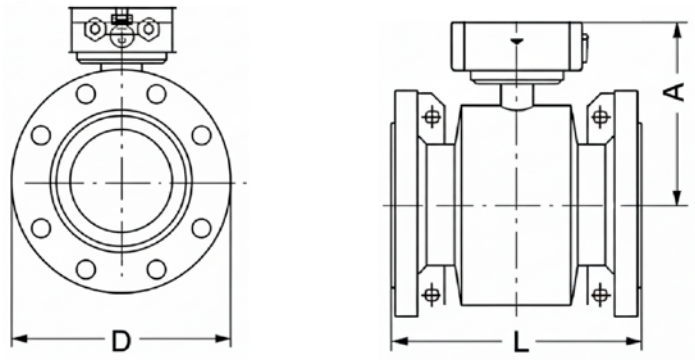
MODELS

SIZE	FLOW RATE MINIMUM	FLOW RATE MAXIMUM	CODE (PN16)	RRP (€) (PN16)	CODE (PN10)	RRP (€) (PN10)
50	3,5	35	**10004110**	**1590**		
65	6	60	**10004111**	**1608**		
80	9	90	**10004112**	**1626**		
100	14	142	**10004113**	**1695**		
125	22	221	**10004114**	**1986**		
150	31	318	**10004115**	**2246**		
200	56	565	**10004117**	**2698**	**10004116**	**2603**
250	88	883	**10004119**	**3368**	**10004118**	**3214**
300	127	1272	**10004121**	**5003**	**10004120**	**4755**
350	173	1732	**10004123**	**6845**	**10004122**	**6549**
400	226	2260	**10004125**	**7646**	**10004124**	**7266**
450	280	2800	**10004127**	**8284**	**10004126**	**7963**
500	353	3500	**10004129**	**9200,17**	**10004128**	**8667**
10004053		Meter of special cable for electrode				**23**
10004142		Electronics FMT020 115-230V AC 50/60 HZ				**1837**
10004143		Electronics FMT020 11-30V DC/11-24V AC 50/60 HZ				**1837**
10004144		Wall mounting kit FMT020				**304**
10004145		Submersible kit IP 68 FMT020				**186**

PRESSURE LOSS



DIMENSIONS



DN	A	L	D	KG
50	195	200	42	11
65	201	200	55	13
80	207	200	67	15
100	214	250	81	17
125	224	250	101	22
150	239	300	131	28
200	264	350	169	50
250	291	450	212	71
300	317	500	265	88
350	369	550	350	111
400	394	600	400	126
450	425	600	450	175
500	450	600	500	225

CONNECTION FITTING

The connection fitting is a piece that allows the water meter to be coupled to the installation pipe. It is made up of three fundamental pieces: a male thread that connects to the pipe, a female thread (idle nut) that is threaded to the body of the meter, and an O-ring.







MATERIAL CHARACTERISTICS

Material: Brass

Gasket: EPDM

OPERATING CHARACTERISTICS

Idler nut tightens the threads against the body of the meter to seal the gasket and prevent leaks

Allows you to install or replace the meter easily and quickly, without the need to cut or weld the pipes

Available from 1/2 inch (1/2") to 2 inch (2")

MODELS

CODE	MALE THREAD	FEMALE THREAD	RRP (€)
10011026	1/2"	7/8"	4
10011027	1/2"	3/4"	4
10011029	3/4"	1"	6
10011030	1"	1-1/4"	11
10011031	1-1/4"	1-1/2"	17
10011032	1-1/2"	2"	22
10011033	2"	2-1/2"	56

RELATED ARTICLES



single-jet water meter

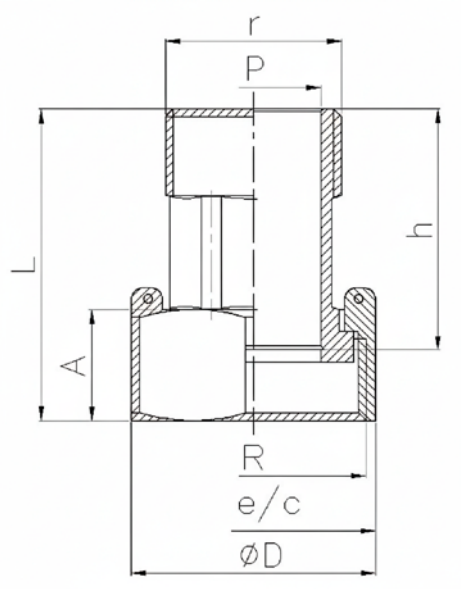
SEE PAGE



multi-jet water meter

SEE PAGE

DIMENSIONS



r	R	ØP	h	A	L	NUT	ØD	Weight (kg)
1/2"	3/4"	14	37,5	15	46,5	29	32	0,07
3/4"	1"	20	45,5	17	56,5	36	40,5	0,115
1"	1 1/4"	26	45,5	20,5	59,5	46	52	0,205
1 1/4"	1 1/2"	33	55,5	22,5	69,5	52,5	59	0,32
1 1/2"	2"	39	65,5	24	80	65,5	70	0,495

PULSE TOTALIZER

The digital pulse totalizer is designed for pulse counting in industrial environments, allowing events such as flow pulses, machine cycles or binary signals to be recorded.







MATERIAL CHARACTERISTICS

Housing: Technical plastic

Screen: LCD

Terminals: Panel type screw terminals

Protection: Front panel IP66

OPERATING CHARACTERISTICS

Counting range: 0 – 99 999 999 pulses (8 digits)

Maximum input speed: Up to 1 kHz (0,5 ms minimum pulse width)

Mode of operation: Count up (UP), with manual or external reset

Working temperature: –10°C to +55°C (non-condensing)

Applications: Pulse registration in irrigation flow systems, industrial machinery

MODELS

CODE	MODEL	RRP (€)
10011043	TOTALIZER IFLOWCONTROL	**99**

RELATED ARTICLES



single-jet water meter

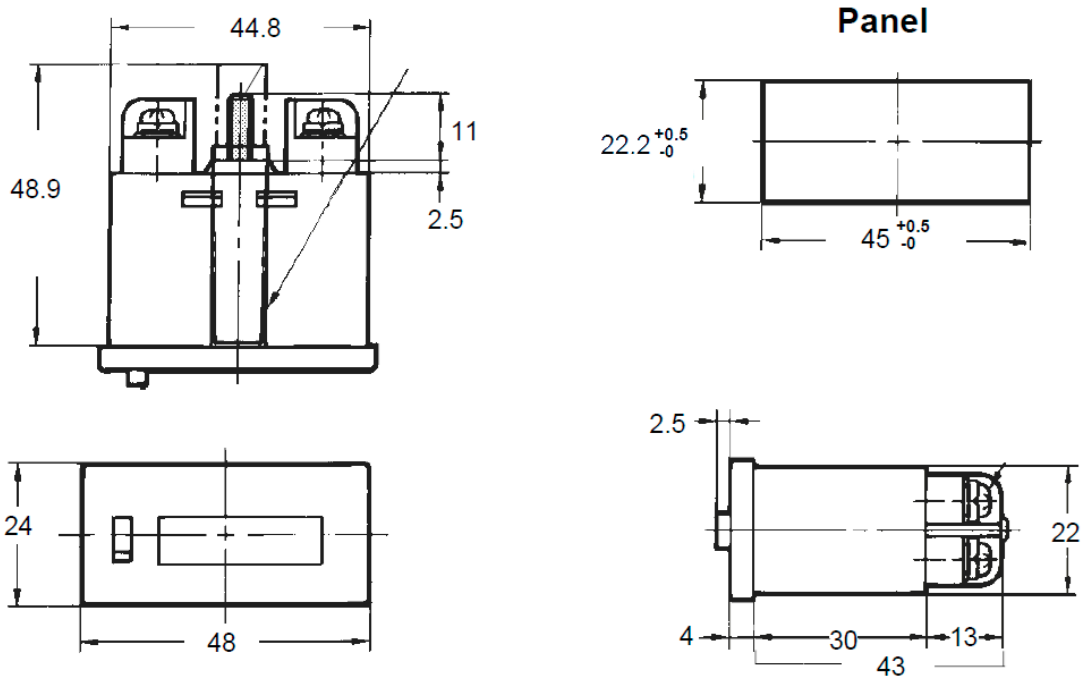
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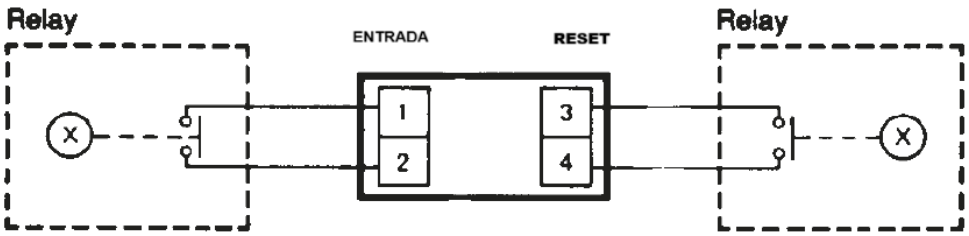
multi-jet water meter

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DIMENSIONS



CONNECTION DIAGRAM



CONTROL

Hydraulic and electrical control system.

- ✓ Hydraulic valves
- ✓ Solenoids and pilots
- ✓ Irrigation programmers
- ✓ Hydraulic control connections



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solutions for control and regulation









01 Hydraulic piston valves Series - D

02 Raphael diaphragm valves

03 Plastic and metal solenoids Iflowcontrol

04 Galcon irrigation programmers and Iflowcontrol single-cable system

HYDRAULIC VALVE HV-100

The HV-100 hydraulic piston valve is a direct flow hydraulic valve, its membrane and piston chamber allows it to regulate very stably. The shape of the body allows straight passage and means that once the piston is raised, the pressure loss is minimal compared to traditional diaphragm membrane designs.









MATERIAL CHARACTERISTICS

Connections: BSP Female Thread

Body/lid: Glass reinforced polyamide

Membrane material: (NBR) reinforced with nylon.

Spring: Stainless steel

Cover hardware: Stainless steel

OPERATING CHARACTERISTICS

Operating pressure: 0,5 to 8 bar

Maximum Pressure: 10 bar

Operates from very low flow rates (drip) to maximum flow rates with stable regulation, without the effects of fluctuations.

MODELS

CODE	SIZE	CONNECTION	L (MM)	UNITS/BOX	RRP (€)
11034034	40	1-1/2" THREAD	226	6	**65**
11034035	50	2" THREAD	230	6	**67**
11034036	80	3" THREAD	320	1	**102**
11034037	80	3"D FLANGE	320	1	**150**
11034041	80	3" FLANGE	350	1	**195**
11034038	100	4" FLANGE	350	1	**220**
11034042	125	5"D FLANGE	350	1	**315**
11034039	125	5"FLANGE	350	1	**450**
11034040	150	6" FLANGE	436	1	**470**
11034043	200	8"D FLANGE	438	1	**590**

ACCESSORIES



CODE	BAR	RRP (€)
11022036	0.8-6.5	**58**
11022053	0.5-3	**58**

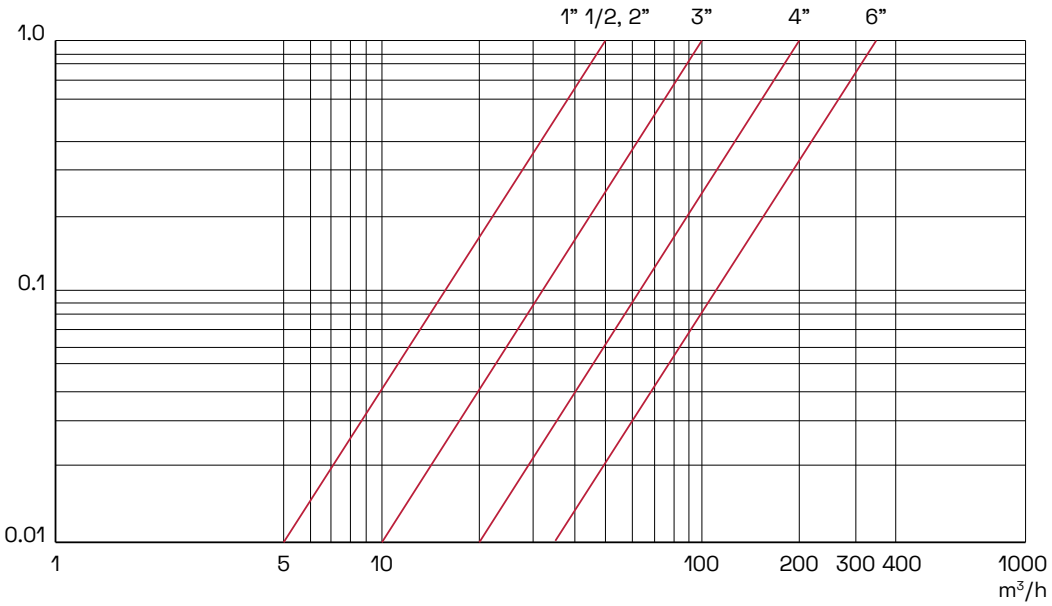


SAGIV VALVE		
CODE	MODEL	RRP (€)
11028052	1/8"	**14.5**

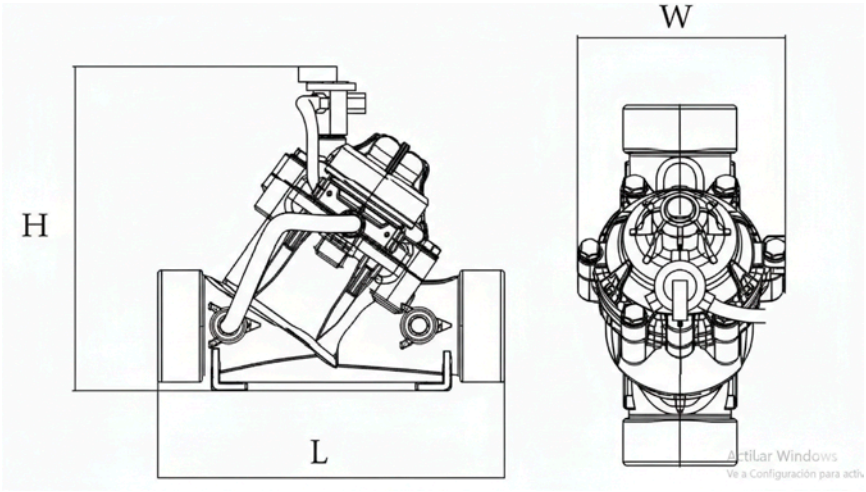


LONG DISTANCE SOLENOID		
CODE	VOLTAGE	RRP (€)
11021039	LATCH	**48**
11021038	24/AC-DC	**52**

PRESSURE LOSS



DIMENSIONS



SIZE	H (MM)	L (MM)
1-1/2"	150	226
2"	200	230
3"	250	320
3"D BR	280	320
3" BR	300	350
4" BR	300	350
5"D BR	300	350
5" BR	300	350
6" BR	430	436
8"D BR	430	438

RAPHAEL HYDRAULIC VALVE

The Raphael diaphragm valve is a hydraulic control valve designed to regulate flow and pressure in water distribution and irrigation systems. It is generally made of ductile cast iron with reinforced anti-corrosion coating and consists of a body, cover and a diaphragm. This design operates without a spring.









MATERIAL CHARACTERISTICS

Valve body and cover are made of ductile cast iron with an anti-corrosion Epoxy paint coating.

Diaphragm: made of reinforced EPDM rubber.

The screws and fixing elements are galvanized steel. OPERATING

CHARACTERISTICS

It is a hydraulic control valve in-line and angle design.

Available connections: Threaded and Flange.

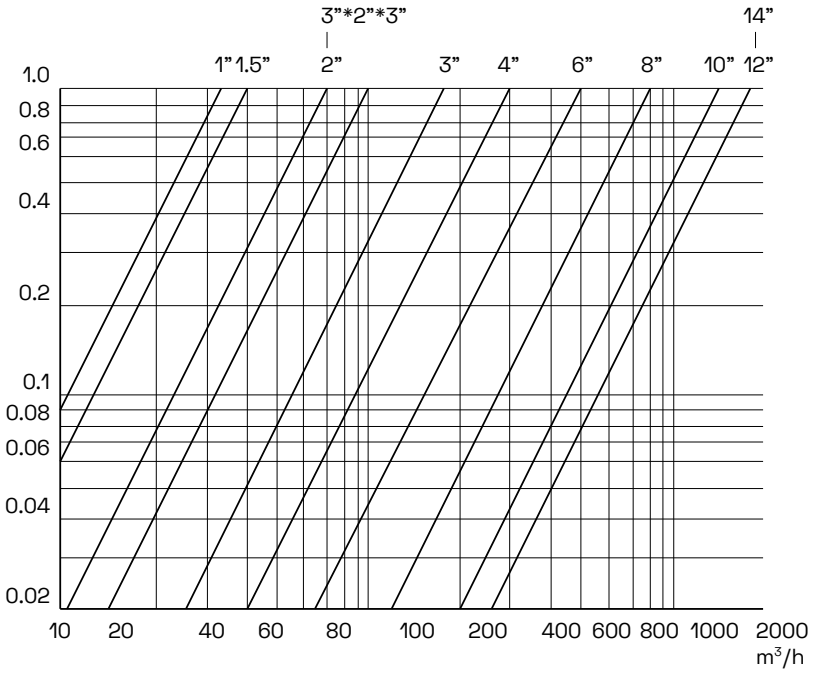
Working pressures: PN10 and PN16

Suitable for use with pilot lights and accessories for safety functions.

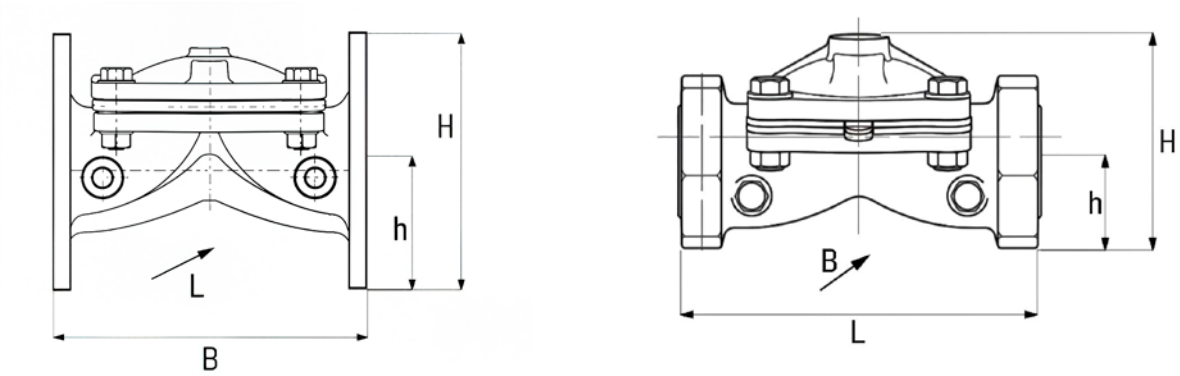
MODELS

CODE	SIZE	CONNECTION	PN	RRP (€)
11036001	25	1" THREAD	16	**80**
11036002	40	1-1/2" THREAD	16	**98**
11036003	50	2" THREAD	16	**100**
11036004	65	2-1/2 THREAD	16	**193**
11036005	80	3" THREAD	16	**211**
11036006	80	3"D FLANGE	16	**217**
11036007	80	3" FLANGE	16	**258**
11036009	100	4"D FLANGE	16	**334**
11036008	100	4" FLANGE	16	**380**
11036010	125	5" FLANGE	16	**597**
11036011	150	6"D FLANGE	16	**680**
11036012	150	6" FLANGE	16	**820**
11036013	200	8" FLANGE	16	**1645**
11036014	250	10" FLANGE	16	**2778**
11036015	300	12" FLANGE	16	5790

PRESSURE LOSS



DIMENSIONS



THREAD MEASUREMENTS						
DN		**L**	**H**	**B**	**H**	**KG**
1	25	156	70	94	21	1,5
1,5	40	159	80	96	29	2
2	50	190	100	125	38	3,5
2,5	65	216	110	125	46	5
3D	80-65-80	244	127	138	50	5,5

FLANGE MEASUREMENTS						
DN		**L**	**H**	**B**	**H**	**KG**
2	50	190	159	165	76	7,9
2,5	65	216	173	185	80	9,3
3	80	283	200	200	100	17,5
4D	100-80-100	283	222	222	111	20
4	100	305	220	230	99	26
5D	125-100-125	305	243	250	120	30
6	150	406	295	300	142	46
6D	150-100-150	206	315	300	150	28,3
8	200	470	383	354	160	67,5
10	250	635	430	464	197	111
12	300	749	474	480	234	151

HYDRAULIC VALVE S-100

The Gal valve is a hydraulic valve with a diaphragm, which opens and closes using the pressure of the water in the network. Its constructive simplicity, which practically eliminates maintenance, classic diaphragm and spring system with wide use in the irrigation market.









MATERIAL CHARACTERISTICS

Body: made of cast iron **GGG50.**

Natural rubber diaphragm with interior textile reinforcement mesh, which provides high mechanical resistance and durability.

Internal and stainless steel spring SST302, nickel-plated steel screws.

OPERATING CHARACTERISTICS

Rated pressure: PN16

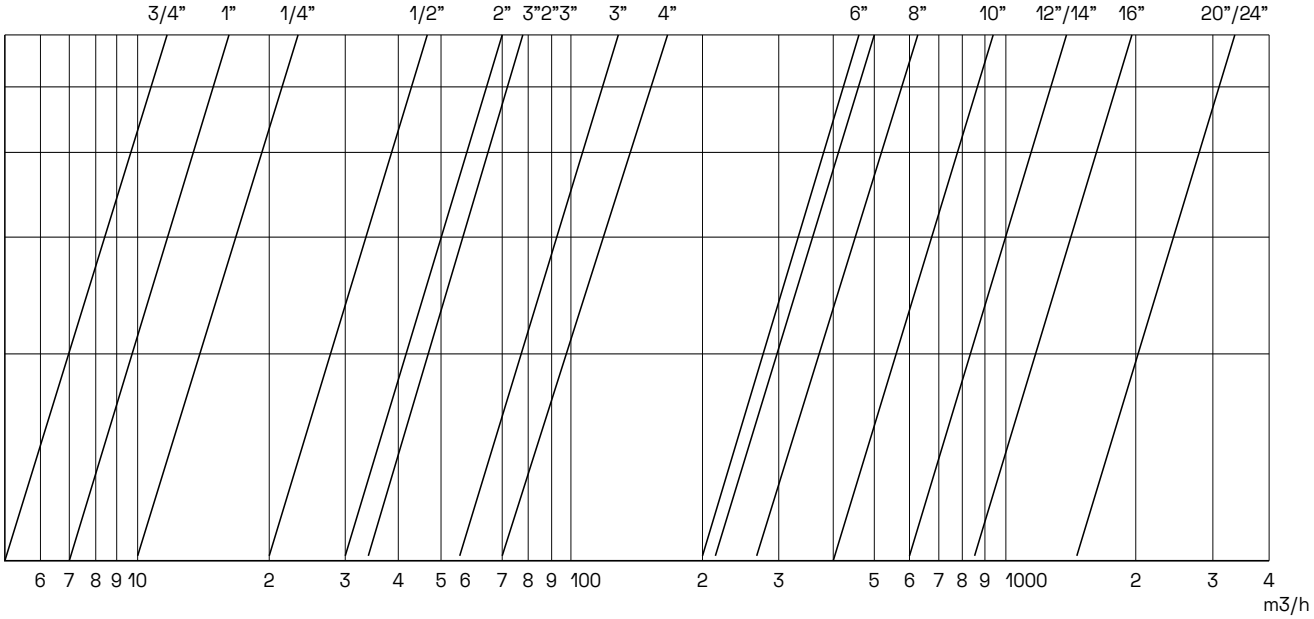
Temperature: up to 60-80 °C

Connections: 1" to 2-1/2" thread, 3" to 8" Flange PN16.

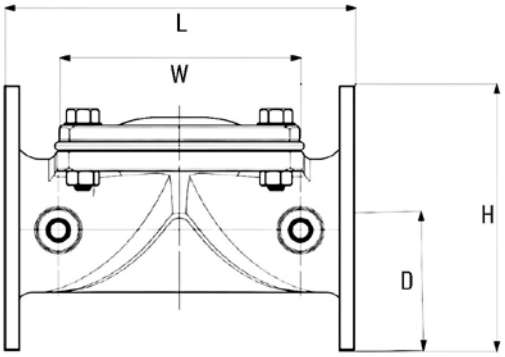
MODELS

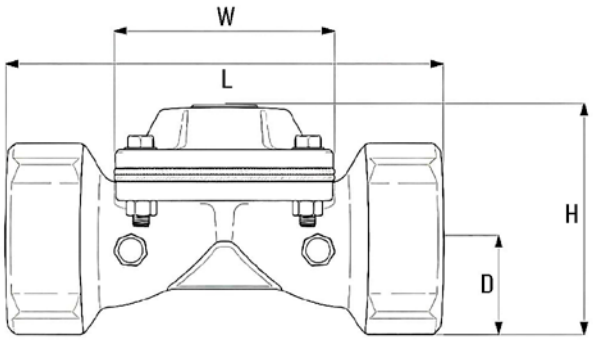
CODE	SIZE	CONNECTION	PN	RRP (€)
11020013	25	1" THREAD	16	**83**
11020014	40	1-1/2" THREAD	16	**86**
11020015	50	2" THREAD	16	**92**
11020016	65	2-1/2 THREAD	16	**137**
11020017	80	3" FLANGE	16	**253**
11020018	100	4" FLANGE	16	**300**
11036037	125	5" FLANGE	16	**541**
11020019	150	6" FLANGE	16	**841**
11020020	200	8"- 6"- 8" FLANGE	16	**1539**
11020047	50	2" THREAD	10	**77**
11020045	80	3" FLANGE	10	**230**
11020046	100	4" FLANGE	10	**289**
11020048	150	6" FLANGE	10	769

PRESSURE LOSS



DIMENSIONS





DN	L	H	D	W	KG
25 R	120	52	24	68	1
40 R	170	93	33	93	2,2
50 R	188	115	42	112	3,2
65 R	219	118	46	112	3,6
80 R	225	126	54	112	4,5
80 BR	285	200	105	200	17
100 BR	305	230	110	230	22
125 BR	305	230	110	230	22
150 BR	390	314	145	300	46
200 BR	460	400	170	365	80

HYDRAULIC VALVE HV-200

The valve is a hydraulic valve with a diaphragm, which opens and closes using the pressure of the water in the network. Its constructive simplicity, which practically eliminates maintenance, classic diaphragm and spring system with wide use in the irrigation market.









MATERIAL CHARACTERISTICS

Body: made of cast iron **GGG50.**

Natural rubber diaphragm with interior textile reinforcement mesh, which provides high mechanical resistance and durability.

Internal and stainless steel spring SST302, nickel-plated steel screws.

OPERATING CHARACTERISTICS

Nominal body pressure: PN16.

Connections: 1-1/2" to 2" thread, 3" to 6" PN16 flange.

Working pressures: PN10 and PN16

MODELS

CODE	SIZE	CONNECTION	PN	RRP (€)
	40	1-1/2" THREAD	16	**78**
	50	2" THREAD	16	**80**
	80	3" FLANGE	16	**240**
	100	4" FLANGE	16	**280**
	150	6" FLANGE	16	**780**

ACCESSORIES



CODE	BAR	RRP (€)
11022036	0.8-6.5	**58**
11022053	0.5-3	**58**

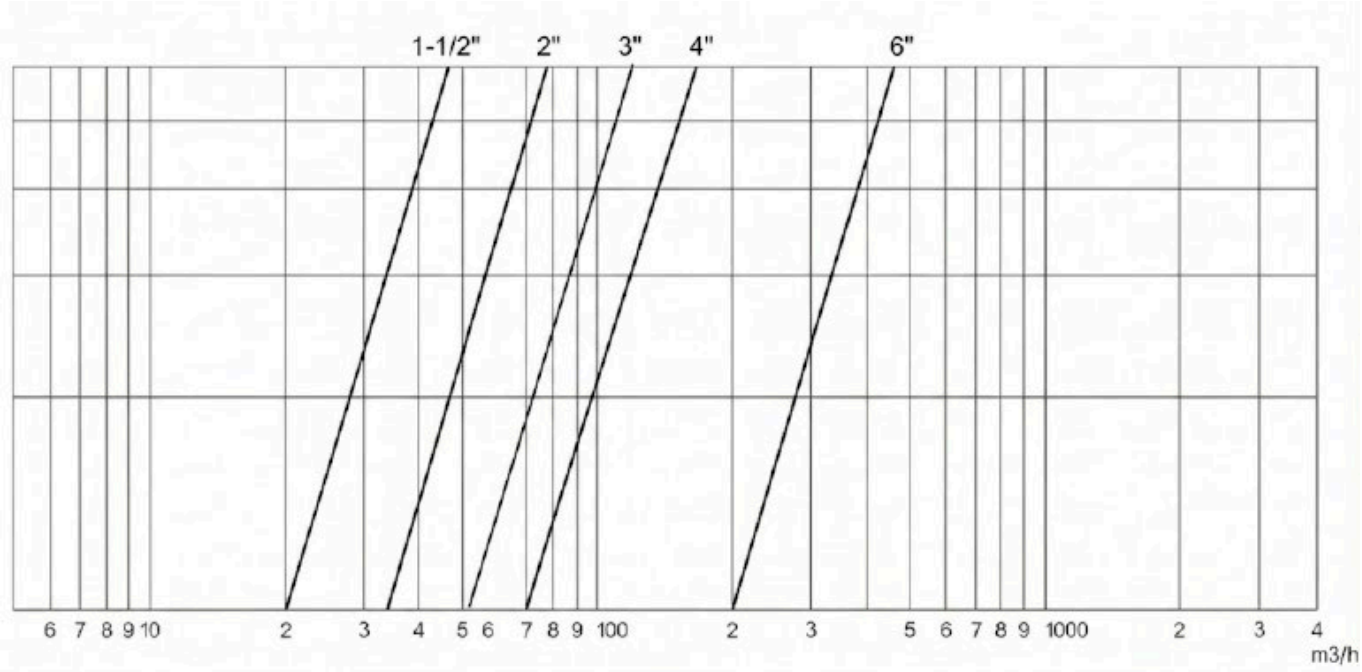


SAGIV VALVE		
CODE	MODEL	RRP (€)
11028052	1/8"	**14.5**

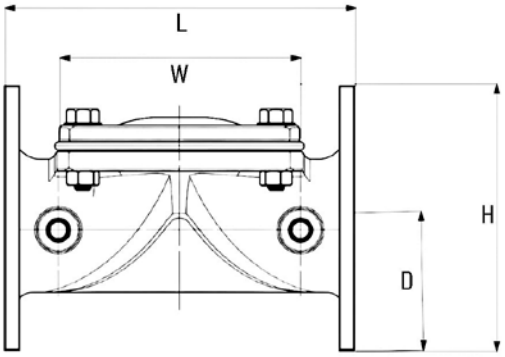


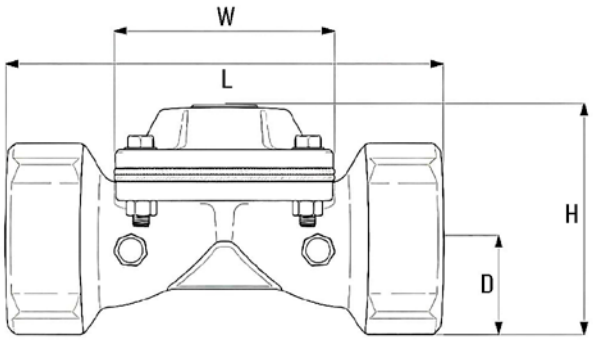
LONG DISTANCE SOLENOID		
CODE	VOLTAGE	RRP (€)
11021039	LATCH	**48**
11021038	24/AC-DC	**52**

PRESSURE LOSS



DIMENSIONS





DN	L	H	D	W	KG
40 R	170	93	33	93	2,2
50 R	188	115	42	112	3,2
80 BR	285	200	105	200	17
100 BR	305	230	110	230	22
150 BR	390	314	145	300	46

SOLENOID VALVE E-200

The E-200 Solenoid Valve is a hydraulic and electric control valve, designed for plastic irrigation systems. These valves are characterized by their diaphragm-assisted hydraulic operation. They can be flexibly installed in both horizontal and vertical positions, and are offered in diameters from 1" to 2".







MATERIAL CHARACTERISTICS

Body and Lid: Reinforced Nylon (High resistance plastic with fiberglass).

Diaphragm and Gaskets: NBR (Nitrile Rubber, also known as Buna-N).

Metal parts (Spring and lid screws): Stainless steel.

OPERATING CHARACTERISTICS

Connections: Available from 1" to 2".

Nominal Pressure: 10 bar

Working Pressures: 0.7 to 10 bar

MODELS

CODE	SIZE	CONNECTION	VOLTAGE	UNITS/BOX	RRP (€)
11034065	25	1" THREAD	S/Solenoid	12	**19**
11034066	40	1-1/2" THREAD	S/Solenoid	6	**52**
11034067	50	2" THREAD	S/Solenoid	6	**54**

ACCESSORIES



LATCh SOLENOID ADAPTER		
CODE	CONNECTION	RRP (€)
11021021	ADAPTER 6,8	

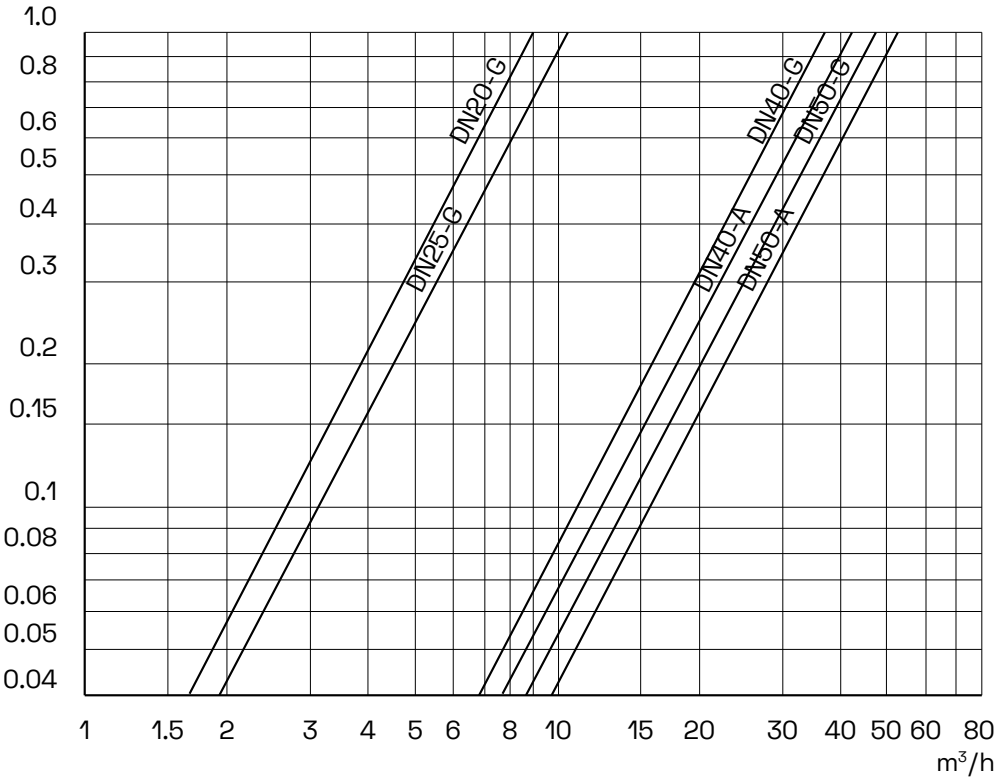


Galcon solenoid 2 vias		
CODE	MODEL	RRP (€)
11021023	3 LATCH THREADS 39,6	

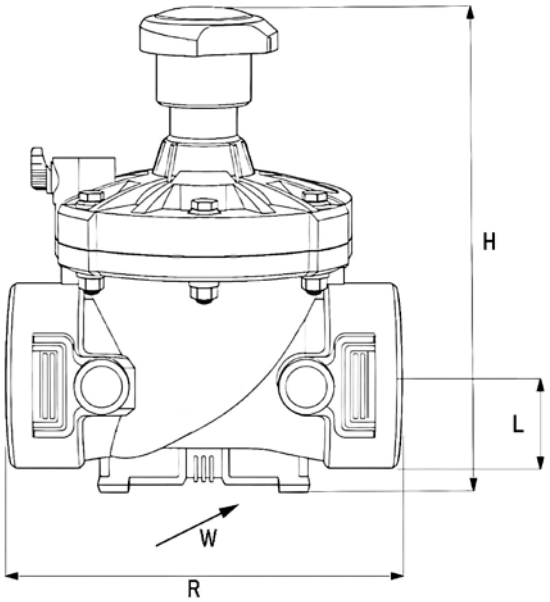


SOLENOID		
CODE	CONNECTION	RRP (€)
	9V LATCH 2HILOS	24

PRESSURE LOSS



DIMENSIONS



DN	L	H	R	W	KG
DN25	110	115	22	78	0,33
DN40	160	180	35	125	1,0
DN50	170	190	38	125	1,1

SOLENOID 3 WAYS SR-100

The SR-100 solenoid is a 3 single-way solenoid, designed to precisely pilot hydraulic valves, especially in industrial and irrigation applications that require robustness.







MATERIAL CHARACTERISTICS

Body/Base: Brass

Internal metal parts: Stainless steel 304

Gaskets/Seals: NBR (standard)

OPERATING CHARACTERISTICS

Versions: AC, DC and latch

AC working voltage: 24V or **220V**

DC working voltage: 12V or **24V**

Working pressure: 0 to 10 bar, depends on model

Maximum fluid temperature: 80°C

MODELS

CODE	MODEL	VOLTAGE	MAX PRESSURE	HOLE MM	RRP (€)
11021056	NC	24VAC - 6W	10	2.4	**48**
11021057	NO	24VAC - 6W	10	2.4	**48**
11021050	NC	24VAC - 6W	10	2	**48**
11021051	NO	24VAC - 6W	10	2	**48**
11021052	NC	24VAC - 4W	10	1.6	**48**
11021053	NO	24VAC - 4W	10	1.6	**48**
11021054	NC	12VDC - 3W	10	1.6	**48**
11021055	NO	12VDC - 3W	10	1.6	**48**
11021058	NC	24VDC - 5W	10	2	**48**

ACCESSORIES



TEFEN ACCESSORY

SEE PAGE



metal accessory

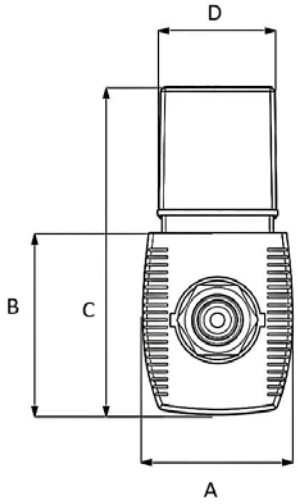
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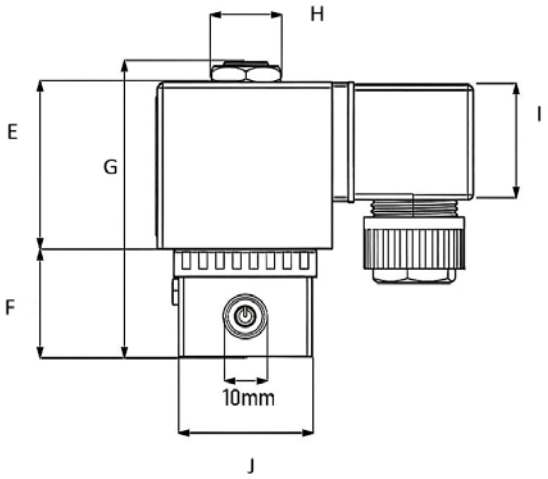


solenoid support

CODE	MODEL	RRP (€)
14112001	SUPPORT	**40**

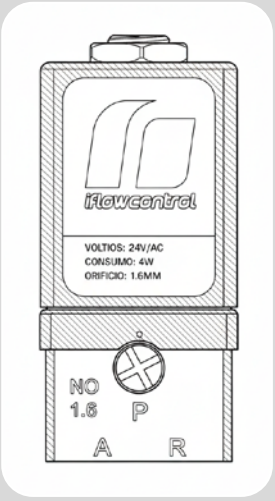
DIMENSIONS





A	B	C	D	E	F	G	H	I	J
33	45	75	27	40	25	65	16	27	31

INFORMATION



Connection NO (Normally Open)

The goal is for the main valve to remain closed if there is no power

Port P (Pressure): Receives water pressure from the network. Port R (Drain): Connects to the atmosphere. Port A (Chamber): Connects to the chamber of the valve to be controlled

NC (Normally Closed) Connection

The goal is for the main valve to remain open if there is no power

Port R (Pressure): Receives the water pressure from the network. Port P (Drain): Connects to the atmosphere. Port A (Chamber): Connects to the chamber of the valve to be controlled

SOLENOID 3 WAYS SR-100 LD

SR-100 LD long distance solenoid designed to control hydraulic valves in irrigation systems. Made with a metal base, it uses the traditional coil and piston latch system combined with a 24AC/DC to latch converter. It allows you to cover distances of several km with low consumption with a standard 1.5mm cable.







MATERIAL CHARACTERISTICS

Body: Brass and ABS electronics

Hydraulic connections: 1/8" **BSP.**

Electrical connections: 2 cables (1,2 m).

Internal metal parts: Stainless steel

OPERATING CHARACTERISTICS

Voltage: 24 VAC/DC depending on model.

Consumption at startup: 70 mA.

Hold consumption: 10 mA.

Command to activation delay time: 1–3 seconds.

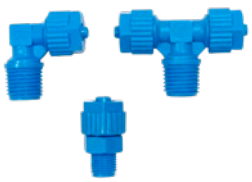
Maximum working temperature: 60°C.

Maximum working pressure: 10 bar.

MODELS

CODE	MODEL	VOLTAGE	MAX PRESSURE	HOLE MM	RRP (€)
11021061	NC/NO	24VAC/DC CONVERTER			**40**
11021060	NO/NC	9-12V LATCH SOLENOID	14	1.6	**48**

ACCESSORIES



TEFEN ACCESSORY

SEE PAGE



metal accessory

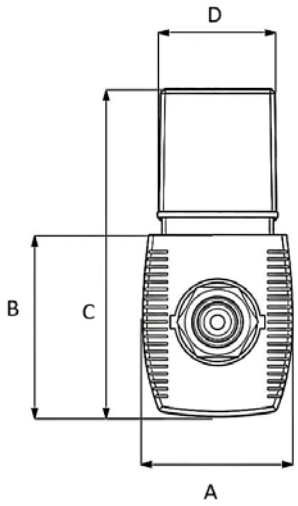
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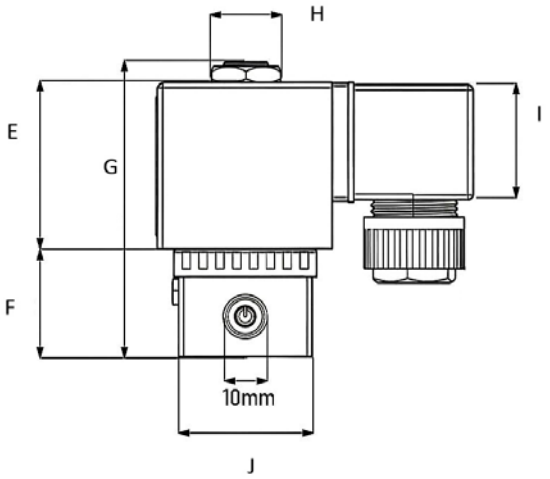


solenoid support

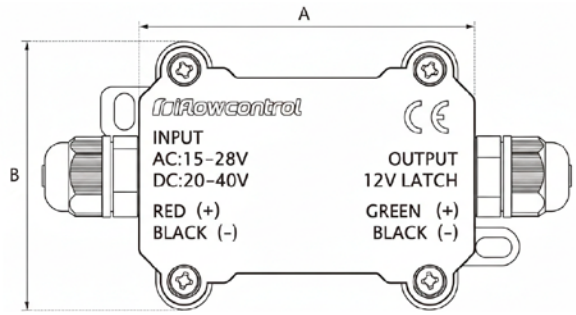
CODE	MODEL	RRP (€)
14112001	SUPPORT	**40**

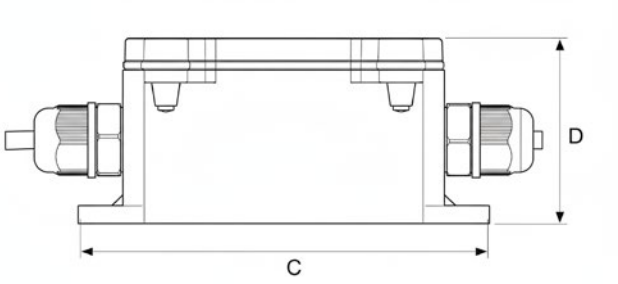
DIMENSIONS





A	B	C	D	E	F	G	H	I	J
33	45	75	27	40	25	65	16	27	31





OPERATING DISTANCE

SCOPE OF MODEL 24 AC/DC	
CABLE CROSS SECTION MM	MAXIMUM DISTANCE (M)
0,2	600
0,5	1250
0,8	2000
1	2500
1,3	3500

SOLENOID 3 WAYS SR-200

SR-200 solenoid designed to control hydraulic valves in irrigation systems. Made of plastic, it incorporates a manual actuator and a protective cap to protect the control from humidity. Its low consumption characteristics make it ideal for installation over long distances, guaranteeing reliable and long-lasting operation. It is located in 24V AC/DC and 12V latch depending on the model.







MATERIAL CHARACTERISTICS

Body: PP and polyamide

Control diaphragm: EPDM

Hydraulic connections: 1/8" BSP

Electrical connections: 2 cables (1,2 m)

Bracket Material: Stainless Steel 316

OPERATING CHARACTERISTICS

Voltage: 12–24 VAC/DC or LATCH depending on model

Consumption at startup: 70 mA

Hold consumption: 10 mA

Activation delay time: 1–3 seconds

Maximum working temperature: 60°C

Maximum working pressure: 10 bar

MODELS

CODE	MODEL	VOLTAGE	HILOS	MAX PRESSURE	HOLE MM	RRP (€)
11021039	NO/NC	9-24V LATCH	2	10	2	**48**
11021032	NO/NC	6-9V LATCH	2	10	2	**48**
11021038	NO/NC	24V AC/DC	2	10	2	**52**

ACCESSORIES



TEFEN ACCESSORY

SEE PAGE

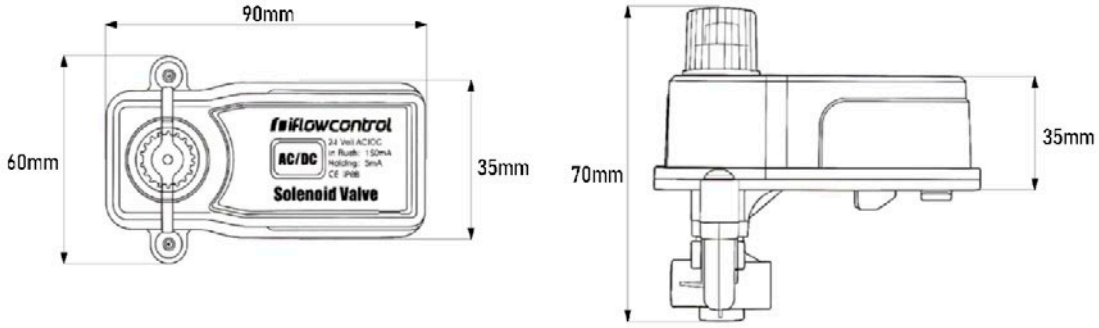


solenoid valve support		
CODE	MODEL	RRP (€)
12040052	SUPPORT	**5**



solenoid support		
CODE	MODEL	RRP (€)
14112001	SUPPORT	**40**

DIMENSIONS

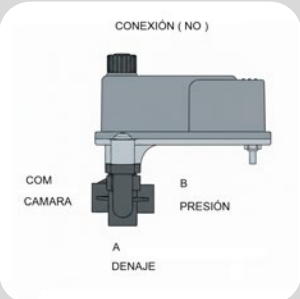


OPERATING DISTANCE

SCOPE OF MODEL 24 AC/DC	
CABLE CROSS SECTION MM	MAXIMUM DISTANCE (M)
0,2	600
0,5	1250
0,8	2000
1	2500
1,3	3500
1,5	5000

LATCH MODEL SCOPE (PUSLO 13,5V 80MS)	
CABLE CROSS SECTION MM	MAXIMUM DISTANCE (M)
0,5	150
1	240
1,5	380

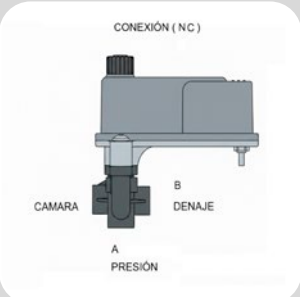
INFORMATION



Connection NO (Normally Open)

The goal is for the main valve to remain closed if there is no power

- **Port B (Pressure):**Receives water pressure from the network.
- **Port A (Drain):**Connects to the atmosphere.
- **COM Port (Camera):**Connects to the chamber of the valve to be controlled



NC (Normally Closed) Connection

The goal is for the main valve to remain open if there is no power

- **Port A (Pressure):**Receives water pressure from the network.
- **Port B (Drain):**Connects to the atmosphere.
- **COM Port (Chamber):**Connects to the valve chamber that is

SOLENOID 3 WAYS SR-200 LR

Solenoid SR-200 LR is designed to control hydraulic valves in irrigation systems in places where the current is unstable and storms may occur. It incorporates a manual actuator and a protective cap to protect the control from humidity, and a ground connection to protect the internal electronics, guaranteeing reliable and long-lasting operation.







MATERIAL CHARACTERISTICS

Body: PP and polyamide.

Control diaphragm: EPDM.

Hydraulic connections: 1/8" BSP.

Electrical connections: 2 cables (1,2 m). 1 Ground bypass cable 30cm.

OPERATING CHARACTERISTICS

Voltage: 24 VAC/DC.

Consumption at startup: 70 mA.

Hold consumption: 10 mA..

Maximum working temperature: 60°C.

Maximum working pressure: 10 bar.

Available configurations: Normally closed (NC) or normally open (NO).

MODELS

CODE	MODEL	VOLTAGE	HILOS	MAX PRESSURE	HOLE MM	RRP (€)
11021042	NO/NC	24/AC	2	10	2	**60**

ACCESSORIES



TEFEN ACCESSORY
SEE PAGE

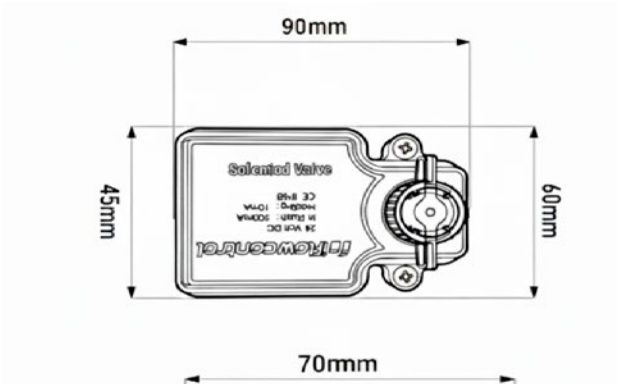


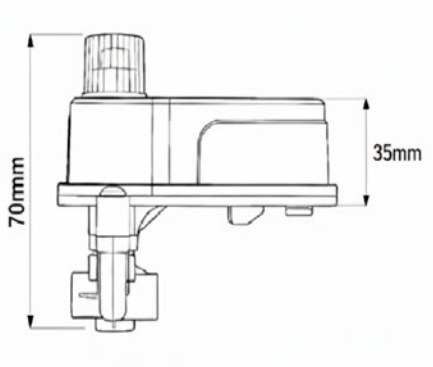
solenoid valve support		
CODE	MODEL	RRP (€)
12040052	SUPPORT	**5**



GROUND PROG		
CODE	MODEL	RRP (€)
12040053	PICA 50CM	**11**

DIMENSIONS



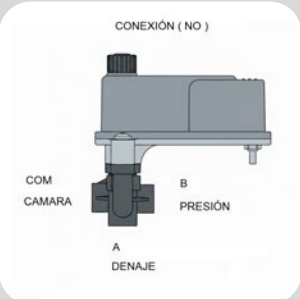


A	B	C	D	E
45	90	60	70	35

OPERATING DISTANCE

SCOPE OF MODEL 24 AC/DC	
CABLE CROSS SECTION MM	MAXIMUM DISTANCE (M)
0,2	600
0,5	1250
0,8	2000
1	2500
1,3	3500
1,5	5000

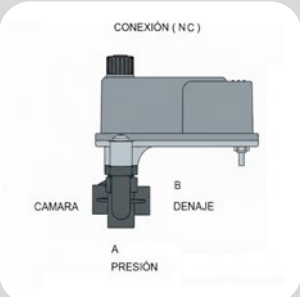
INFORMATION



Connection NO (Normally Open)

The goal is for the main valve to remain closed if there is no power

- **Port B (Pressure):**Receives water pressure from the network.
- **Port A (Drain):**Connects to the atmosphere.
- **COM Port (Camera):**Connects to the chamber of the valve to be controlled



NC (Normally Closed) Connection

The goal is for the main valve to remain open if there is no power

- **Port A (Pressure):**Receives water pressure from the network.
- **Port B (Drain):**Connects to the atmosphere.
- **COM Port (Chamber):**Connects to the valve chamber that is

SR-300 solenoid designed to control hydraulic valves in irrigation systems. Made of plastic, it uses the traditional coil and piston system in 24AC with latch. It allows you to cover all market demands, compatible with a multitude of solenoid valves and hydraulic valves.







MATERIAL CHARACTERISTICS

Body: PP and ABS

Hydraulic connections: 1/8" BSP.

Electrical connections: 2 cables (1,2 m).

Internal metal parts: Stainless steel

OPERATING CHARACTERISTICS

Voltage: 24 VAC/DC depending on model.

Command to activation delay time: 1–3 seconds.

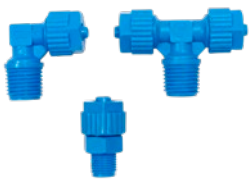
Maximum working temperature: 60°C.

Maximum pressure: 8 bar.

MODELS

CODE	MODEL	MODEL - VOLTAGE	MAX PRESSURE	HOLE MM	RRP (€)
11021016	NC/NO	3 WAYS 2 HILOS - LATCH	8	1.5	**35,4**
11021024	NO	3 WAYS 2 HILOS - 24V/AC	8	1.5	**39,9**
11021018	NC	2 WAYS 2 HILOS - LATCH	8	-	**24**
11021019	NC	2 WAYS 2 HILOS - 24V/AC	8	-	**24**

ACCESSORIES



TEFEN ACCESSORY

SEE PAGE



metal accessory

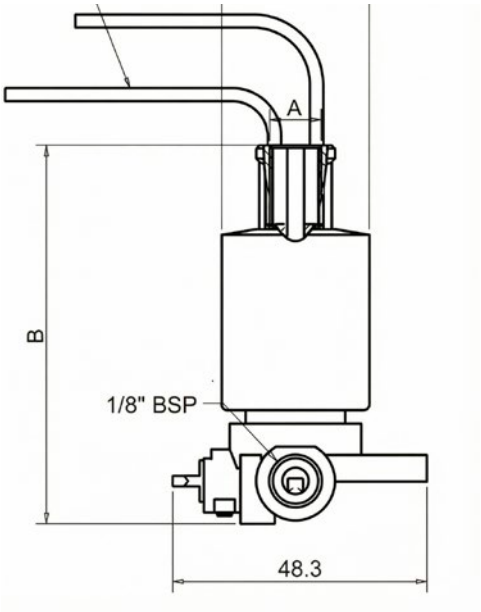
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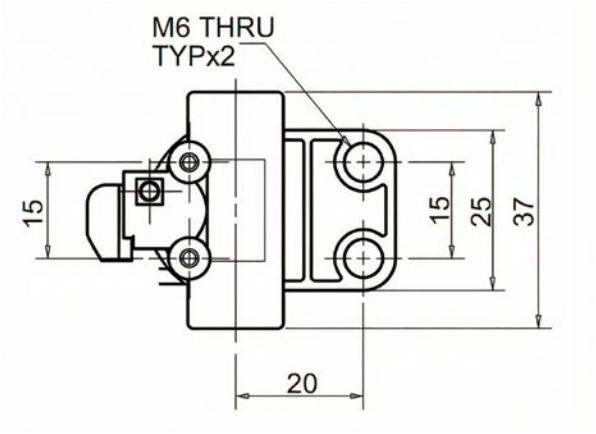


solenoid support

CODE	MODEL	RRP (€)
14112001	SUPPORT	**40**

DIMENSIONS





SINGLE CABLE SYSTEM ICD-250

This ICD-250 single-cable system allows you to control up to 255 sectors and cover distances of up to 10 km with just two wires, drastically reducing wiring costs. Its universal Gateway offers full compatibility through digital inputs or RS485 with any irrigation programmer on the market. Includes advanced diagnostic tools for solenoid and short circuit testing.



OPERATING CHARACTERISTICS

Outputs: 2 outputs (General alarm and Communication)

Inputs: 8 digital inputs, expandable up to 255 sectors

Power: 24V DC input.

Communication: RS485 Input

Range: Maximum 10 km (up to 32 valves activated simultaneously)

Consumption: Gateway (1 A) + solenoid consumption (10 mA per valve)

configuration and control

Times: Activation between stations adjustable (minimum 5 s, maximum 60 s.

Management: Configurable admissible number of sectors.

MODELS

CODE	MODEL	RRP (€)
10015001	GETAWAY 7 DIGITAL INPUTS LCD DISPLAY DIN RAIL	1000
10015002	8 EXPANSION MODULE DIN RAIL DIGITAL INPUTS	200
10015003	SOLENOID PROGRAMMING CONSOLE	600
10015004	SOLENOID DECODEC 24/DC 3 WAYS	120

ACCESSORIES



DS ELECTRICAL PROTECTION SYSTEM		
CODE	MODEL	RRP (€)
13075052	SYSTEM D.S.	30



GROUND PROG		
CODE	MODEL	RRP (€)
12040053	PICA 50CM	11

INFORMATION



gateway

Electronics: Microprocessor based, 7 inputs

Power: 24VDC

Gateway Mounting: DIN Rail Base (107 mm width)

Expansion Module: DIN rail base (72 mm width) for 8 additional inputs

User Interface: LCD screen with 4x20 characters and keyboard with 4 buttons



SOLENOID DECODEC

Power: 24VDC

Working pressure: 10 bar max

Internal hole: 2mm

Field Functions: Opening and closing valves on 3 channels. manual opening by command (protective cap IP68)

Identification: Number configuration through console



SOLENOID PROGRAMMING CONSOLE

Power: 2 9V batteries (6LR61)

Field Functions: Solenoid opening and closing test

Identification: ID setup and query (one solenoid at a time)

Safety: Line short circuit test



expansion module

Expansion Module: DIN rail base (72 mm width) for 8 additional inputs

GALIT HYDRAULIC RELAY

GALIT hydraulic relay designed for remote control of hydraulic valves: receives a hydraulic signal and activates the main valve. Ideal for irrigation systems where the valves are far from the head, with unevenness or when a quick and reliable reaction of the hydraulic system is required. It also allows manual control using a 3 position lever.







MATERIAL CHARACTERISTICS

Body and lid: glass fiber reinforced nylon

Gaskets: NBR

Internal springs: stainless steel

OPERATING CHARACTERISTICS

Type: 3-way hydraulic relay, configurable as normally open NO or normally closed (N.C.)

Working pressure range: 0,5 to 10 bar.

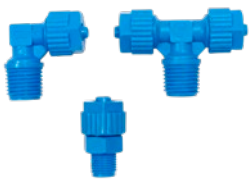
Hydraulic connections: 1/8" BSP female thread

Hydraulic signal internal hole/pitch: 5,8 mm

MODELS

CODE	MODEL	RRP (€)
11022047	GALIT HYDRAULIC RELAY	**58**
169200010	YELLOW SPRING 5-10 M	**5,25**
169200020	GREEN SPRING 10-15M	**5,25**
169200030	WHITE SPRING 15-20M	**5**
169200040	RED SPRING 20-25	**5**

ACCESSORIES



TEFEN ACCESSORY

SEE PAGE



metal accessory

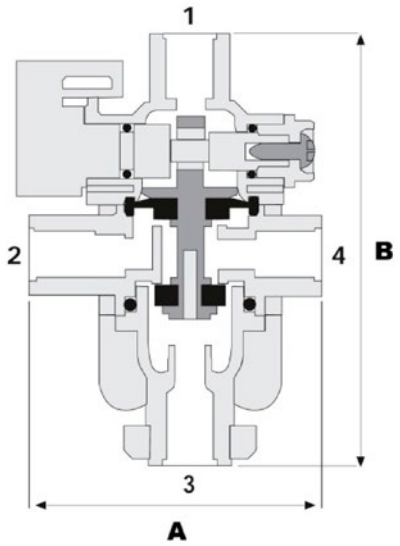
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SOLENOID ADAPTER 3 WAYS

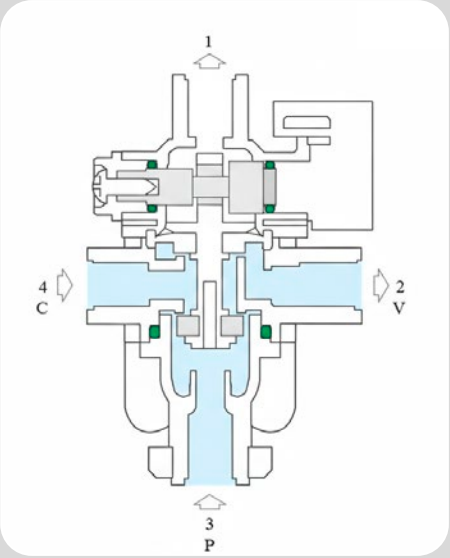
CODE	MODEL	RRP (€)
11022050	ADAPTA-DOR	**5**

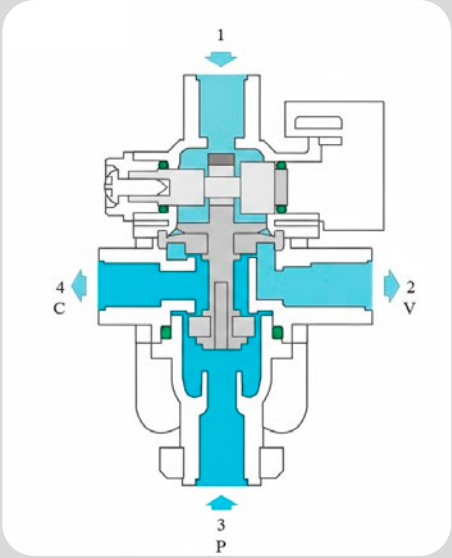
DIMENSIONS



A	B	KG
45	90	0.2

INFORMATION



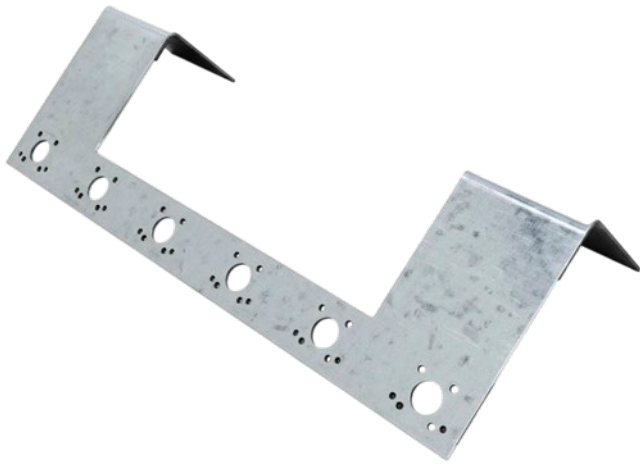


Port 1 (Top): Input for the solenoid pressure signal.
Port 2 (Side): Connection to the main valve chamber (the one you want to open or close). Port 3 (Lower): Connection to main line pressure (P).

Port 4 (Side): Drain or vent connection (V).

SUPPORT FOR SOLENOIDS SR-100 AND SR-200 /200LR

The solenoid bracket is designed to mount up to 6 solenoids in a compact and neat structure. It allows a clean and safe installation on the wall, facilitating the maintenance and identification of each hydraulic line.







MATERIAL CHARACTERISTICS

Electrogalvanized steel

OPERATING CHARACTERISTICS

Ability to install up to 6 solenoids.

Compatible with SR-100 AND SR-200/200LR solenoids.

Wall mounting using standard screws.

Distribution aligned and accessible for maintenance.

MODELS

CODE	SIZE	RRP (€)
14112001	SUPPORT 6 SOLENOID UNITS	40

ACCESSORIES



TEFEN ACCESSORY

SEE PAGE



LONG DISTANCE SOLENOID

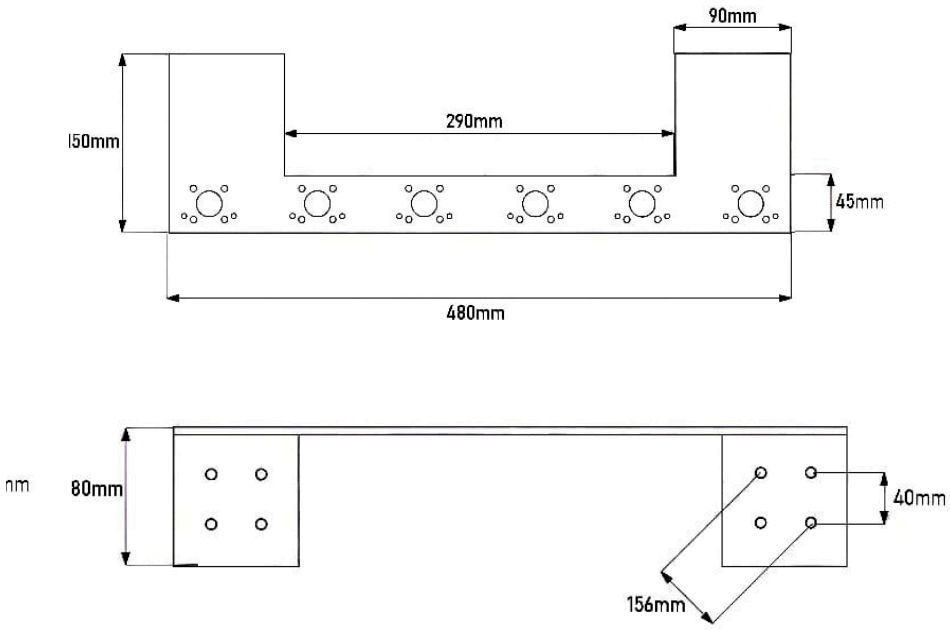
SEE PAGE



metal base solenoid

SEE PAGE

DIMENSIONS



A	B	C	D	E	F	G	H
150	480	290	90	45	80	156	40

REDUCER / SUPPORTER PILOT S-100

The S-100 plastic pressure reducer-sustainer pilot 3 ways, designed to control hydraulic valves from 1" to 8", and maximum inlet pressures 10 bar with regulation from 0.3 bar to 6.8 bar, thanks to its different springs to adjust to the precision and sensitivity of each installation.







MATERIAL CHARACTERISTICS

Lid and base: made of polyamide.

Gaskets: EPDM

Spring and screw: Stainless steel

Connections: 1/8"

OPERATING CHARACTERISTICS

Maximum pressure: 10 bar and can be adjusted in ranges of 0.3–3 bar or 0.8–6.8 bar.

MODELS

CODE	FUNCTION	REGULATION	RRP (€)
11022036	REDUCER - HOLDER	0.8 - 6.8 BAR	**58**
11022053	REDUCER - HOLDER	0.5 - 3 BAR	**58**

ACCESSORIES



TEFEN ACCESSORY

SEE PAGE



LONG DISTANCE SOLENOID

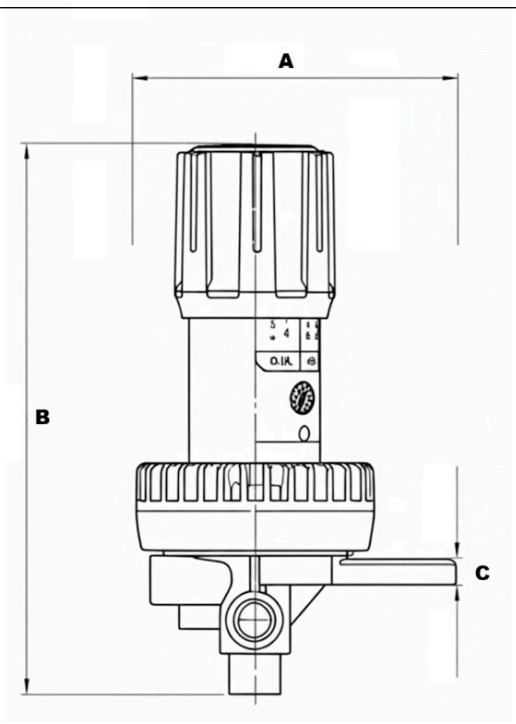
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metal base solenoid

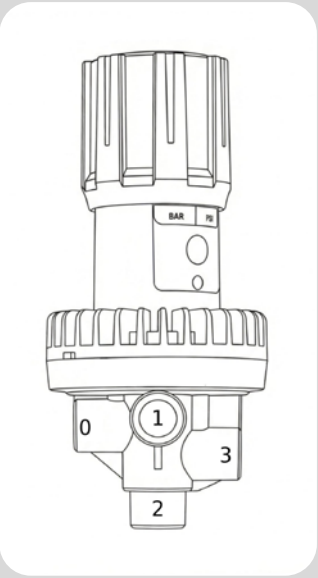
SEE PAGE

DIMENSIONS



A	B	C	KG
140	160	10	0.3

INFORMATION



Pressure Reducing Function

Port 1 (Outlet): Connects to the pressure downstream of the main valve. Port 2 (Drain): It is left free to the atmosphere.

Port 3 (Auto): Connects to the control chamber (cover) of the main valve. Port 0 (Inlet): Connects to upstream pressure (main valve inlet

Pressure Sustaining Function

Port 1 (Inlet): Connects to the upstream pressure (main valve inlet Port 2 (Inlet): Also connects to the upstream pressure (or bypassed with port 1). Port 3 (Auto): Connects to the control chamber (cover) of the main valve. Port 0 (Drain): Released to the atmosphere

REDUCER	HOLDER
1 - Output	1 - Input
2 - Drain	2 - Input
3 - Auto	3 - Auto
0 - Input	0 - Drain

REDUCER / SUPPORTER PILOT S-200

The S-200 3 pilot is designed to control hydraulic valves from 1" to 8", and maximum inlet pressures 16 bar with regulation from 0.5 bar to 12 bar, thanks to its different springs to adjust to the precision and sensitivity of each installation.







MATERIAL CHARACTERISTICS

Lid and base: Brass

Screws and spring: Stainless steel

Gaskets: EPDM

OPERATING CHARACTERISTICS

3 pilot way pressure reducer

Max pressure range: 16 bar

Pressure adjustment range: 0,5 - 12 bar

Fluid temperature: 60 ºC max

Weight: 1,90 Kg

Connection sockets: 1/4"

MODELS

CODE	FUNCTION	REGULATION	RRP (€)
11022039	REDUCER - HOLDER	8 - 15 BAR	302

ACCESSORIES



TEFEN ACCESSORY

SEE PAGE



LONG DISTANCE SOLENOID

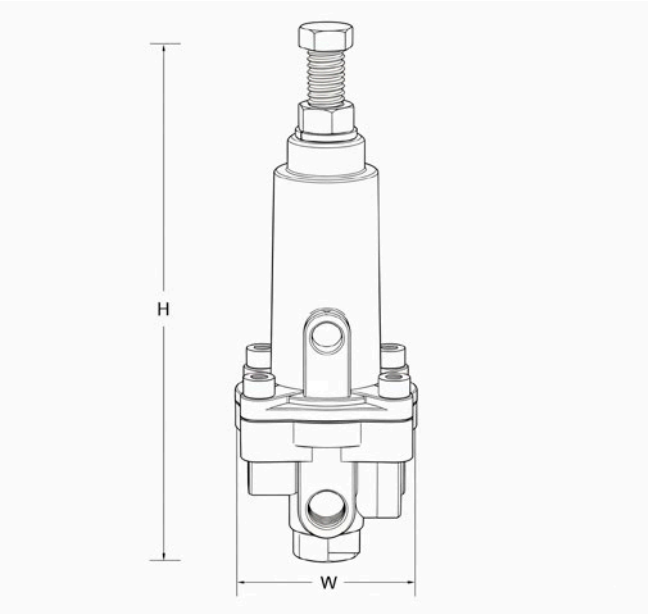
SEE PAGE



metal base solenoid

SEE PAGE

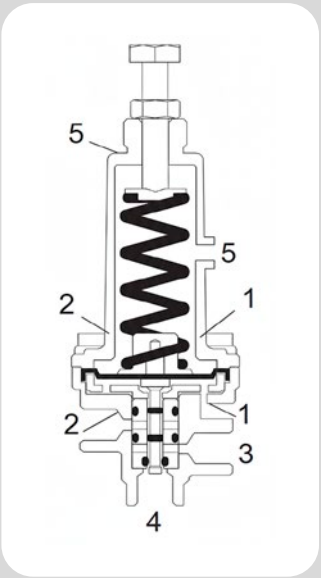
DIMENSIONS



H	W	1,2,3,4 CONNECTION	SOCKET CONNECTION
190 mm	60 mm	1/4”	5

MUELLES	
Color	bar
Rojo	1,5 - 12
Verde	0,5 - 6

INFORMATION



Pressure Reducing (PR) Function

In this configuration, the pilot controls that the downstream pressure does not exceed the set limit.

- **Port 1:**Connection to downstream pressure (control signal).
- **Port 2:**Connection to upstream pressure (pressure inlet to close the valve). Port 3: Connection to the main valve control chamber.
- **Port 4:**Vent connection (atmospheric drain)

Pressure Sustaining (PS) Function

This setting ensures that the upstream pressure remains above a minimum value.

- **Port 1:**Connection to upstream pressure (control signal).
- **Port 2:**Vent connection (atmospheric drain).
- **Port 3:**Connection to the main valve control chamber.
- **Port 4:**Connection to upstream pressure.

REDUCER PILOT 263-AP

Model 263AP is a direct acting diaphragm actuated control 2 pilot that automatically reduces a higher upstream (inlet) pressure to a constant downstream (outlet) pressure. It is normally held open by the force of the adjustable spring adjustment above the diaphragm.







MATERIAL CHARACTERISTICS

Measurement: NPT of 1/2”

Body Material: Brass

Seat: Stainless steel

Elastomers: EPDM

OPERATING CHARACTERISTICS

Pilot measurement is NPT of 1/2

The inlet and outlet ports are NPT of 1/2” and it has a side outlet port of BSP of 1/4”

This 1/4” BSP side port can be plugged in or used as an outlet gauge connection.

The maximum nominal inlet pressure is 12 bar

MODELS

CODE	FUNCTION	REGULATION	RRP (€)
11022004	REDUCER	4 - 12 BAR	**198**

ACCESSORIES



TEFEN ACCESSORY

SEE PAGE



metal accessory

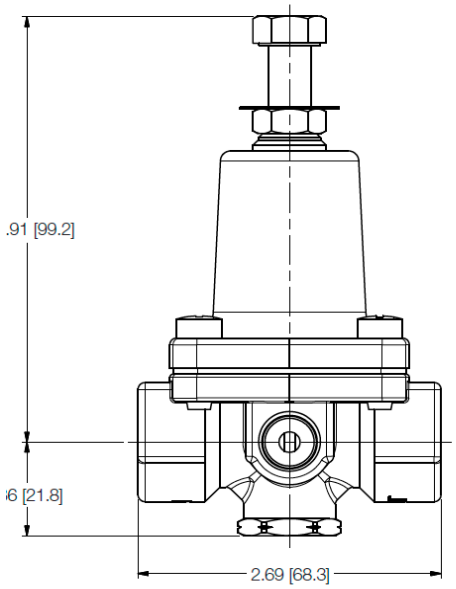
SEE PAGE



needle valve

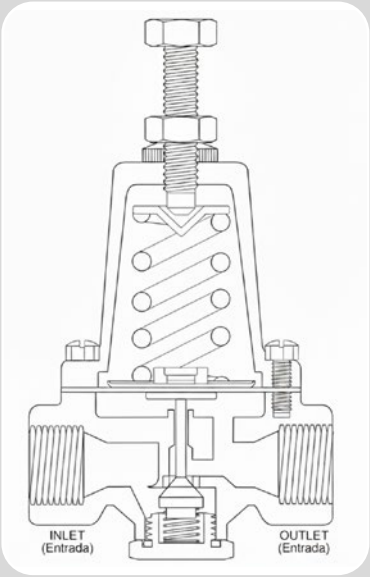
CODE	MODEL	RRP (€)
11028063	VÁLVULA 1/4”	**24**

DIMENSIONS



A	B	C
99,2	21,8	68,3

INFORMATION



Pressure Reducing (PR) Function

Inlet Port (1/2" NPT): Connection to the upstream pressure (supply pressure inlet). Outlet Port (1/2" NPT): Connection to the downstream pressure (control signal for sensing). Side Port (1/4" NPT): Connection to the main valve control chamber (control signal

NOTE: Necessary installation of water valve, Inlet Pressure - Needle Valve - Bypass Tee (one way goes to the Valve Chamber and the other to the Pilot Inlet Port.

QUICK RELIEF PILOT P-182

The P-182, 2-way pilot, functions as a pressure sustainer or relief, when the pressure exceeds the set point, the water flow opens, allowing the main valve to open. When the downstream pressure drops below the pilot set point, it acts by shutting off the water.







MATERIAL CHARACTERISTICS

Body: brass

Diaphragm: EPDM elastomer,

Spring: stainless steel

OPERATING CHARACTERISTICS

Connections: 1/4" female thread.

Pressure adjustment range: 2–12 bar (green spring), 0.5–8 bar (red), 3–16 bar (yellow)

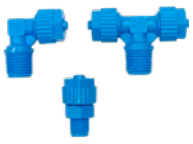
Accesorios incluidos: Válvula de aguja incorporada para ajuste fino, contratuerca para fijar el ajuste.

Common applications: Pressure control in pressure reduction and maintenance valves in agricultural irrigation systems.

MODELS

CODE	FUNCTION	REGULATION	RRP (€)
11022033	RELIEF	2-10 BAR	**473**

ACCESSORIES



TEFEN ACCESSORY

SEE PAGE



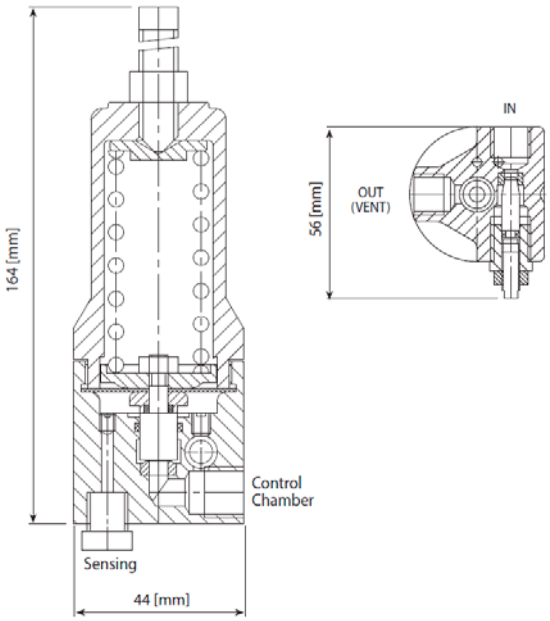
metal accessory

SEE PAGE



needle valve		
CODE	MODEL	RRP (€)
11028063	1/4"	**24**

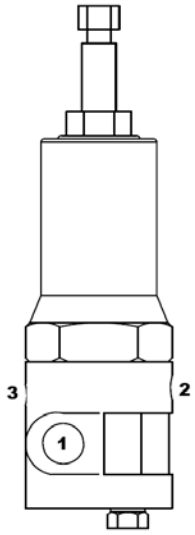
DIMENSIONS



A	B	C
164	44	56

ADJUSTMENT RANGE [BAR]	COLOR DEL RESORTE
2-10 (standard)	Verde
0,5-6	Rojo
0,5 - 16	Yellow

INFORMATION



Pressure relief function

Port 2 (Drain): It is left free to the atmosphere.
Port 3 (Auto): Connects to the control chamber (cover) of the main valve. Port 1 (Inlet): Connects to upstream pressure (main valve inlet

PRESSURE SUSTAINING FUNCTION

Port 1 (Inlet): Connects to the upstream pressure (main valve inlet. Port 2 (Inlet): Also connects to the downstream pressure.

Port 3 (Auto): Connects to the control chamber (cover) of the main valve.

IR TENSIOMETERS

The IR tensiometer is used to measure the water humidity in the soil, accurately indicating the degree of moisture for the roots. It allows you to optimize irrigation, avoiding both excess and deficit of water. Its operation is based on a hermetic tube with water and a porous ceramic tip that balances the pressure with the ground, reflected in the pressure gauge.







MATERIAL CHARACTERISTICS

Body: CAB technical plastic resistant to impacts and UV rays

Porous tip: Ceramic

Manometer: Stainless steel with sealed dial and reading in cb/kPa

Gaskets: Viton

Top cap: Polyethylene

OPERATING CHARACTERISTICS

Measurement range: 0 to 100 cb (kPa) depending on model

Standard lengths: 15 cm, 30 cm, 45 cm and 60 cm

Accuracy: ±2 % of full range

Working temperature: 0 °C to +50 °.

Maintenance: Requires keeping the water column full and checking the cleanliness of the ceramic tip

MODELS

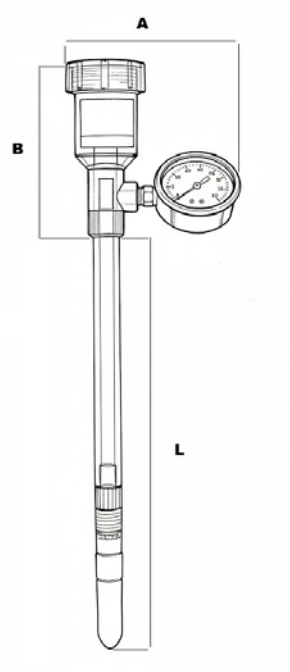
CODE	FUNCTION	RRP (€)
13077030	TENSIOMETERS 150MM	236
13077031	TENSIOMETERS 300MM	245
13077050	TENSIOMETERS 450MM	253
13077033	TENSIOMETERS 600MM	262
13077051	TENSIOMETERS 900MM	279
13077032	SERVICE EQUIPMENT	207

ACCESSORIES



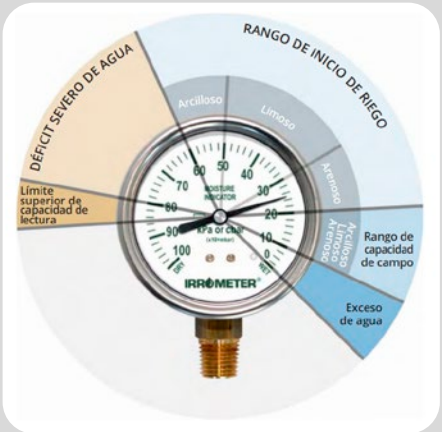
SERVICE EQUIPMENT		
CODE	MODEL	RRP (€)
13077032	DS TEAM	207

DIMENSIONS



CODE	MODEL	A	B	L
13077030	TENSIOMETERS 150MM	135	130	175
13077031	TENSIOMETERS 300MM	135	130	325
13077050	TENSIOMETERS 450MM	135	130	475
13077033	TENSIOMETERS 600MM	135	130	625
13077051	TENSIOMETERS 900MM	135	130	925

INFORMATION



SATURATED SOIL • 0 - 10 cb It may be normal for 24 hours after irrigation. If it persists, it indicates excess moisture that can cause suffocation of the roots.

FIELD CAPACITY • 10 - 20 cb Optimal water content readily available to the plant with minimal energy cost.

LOW WATER AVAILABILITY • 20 - 60 cb Water availability decreases, although there is good root oxygenation. Irrigation begins depending on the type of soil (see attached graph).

WATER STRESS • > 60 cb Water is scarcer and more difficult for the plant to extract, with the risk of permanent wilting in many crops.

GLYCERINE MANOMETER

Glycerin manometer designed for liquid pressure. Its interior is partially filled with glycerin, upper lever for specific venting and closure in horizontal positions, offering a more stable and accurate reading as it protects the internal mechanism from wear.







MATERIAL CHARACTERISTICS

Connection thread: Brass

Metal body: Stainless steel

Internal filling: Glycerin

Internal mechanism: Metal alloy

OPERATING CHARACTERISTICS

Available pressure ranges: from 2.5 to 16 bar

Inlet port: 3mm

Working temperature: -10°C to + 60°C

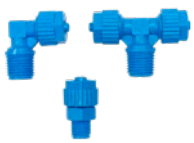
Accuracy: +1,6 % of range

Maximum working pressure: It is recommended not to exceed 75 % of the maximum range.

MODELS

CODE	CONNECTION	BAR SCALE	UNITS/BOX	RRP (€)
11028075	1/4"	0 - 2.5	100	9,45
11028067	1/4"	0 - 4	100	8,5
11028068	1/4"	0 - 6	100	8,5
11028069	1/4"	0 - 10	100	8,5
11028076	1/4"	0 - 16	100	8,5

ACCESSORIES



TEFEN ACCESSORY

SEE PAGE



metal accessory

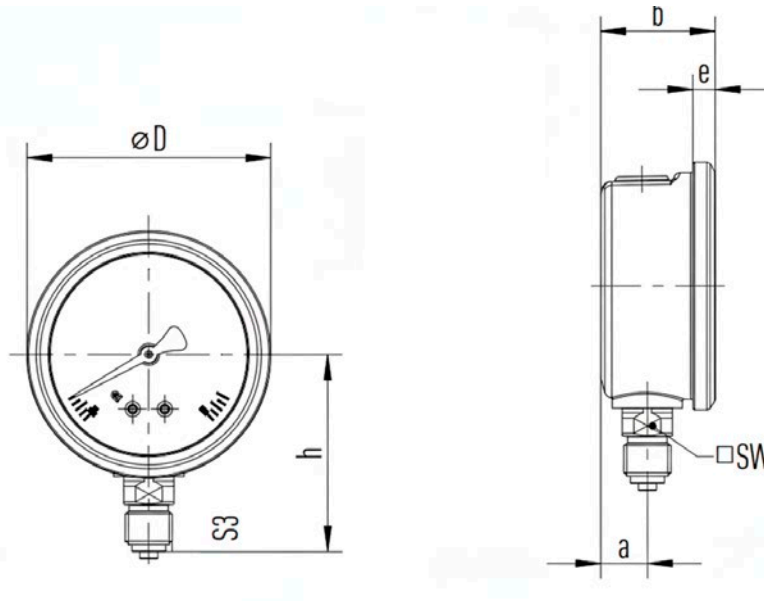
SEE PAGE



POSITIONING MANOMETER

CODE	MODEL	RRP (€)
11028077	0 - 10 BAR	**30**

DIMENSIONS



G	H [MM]	S3 [MM]	A [MM]	B [MM]	E [MM]	D [MM]	SW [MM]
G 1/4 B	54	13	13	32	6,5	68	14

INFORMATION



When screwing in the device, you should not apply force to the casing. Always use the correct tools and only tighten on the flat parts designed for it.



After assembly, you must turn the yellow lever, or take it from CLOSE to OPEN, if the pressure gauge is mounted in a horizontal position, open and close it several times during use to extract the air the first time.

MAXIMUM AND MINIMUM PRESSURE SWITCH

The maximum and minimum pressure switch is designed to measure process pressure and simultaneously activate or interrupt electrical circuits through adjustable contacts according to the position of the 2 pointer positions.









MATERIAL CHARACTERISTICS

Housing: Stainless steel

Dial: Aluminum

Window: Polycarbonate

OPERATING CHARACTERISTICS

Measurement ranges: From 0 -10bar

Static: Up to full scale value.

Housing protection: IP54

Voltage: 24v – 220v

Closing current: Up to 1.0 A.

Breakdown current: Up to 1.0 A.

Continuous current: Maximum 0.6 A.

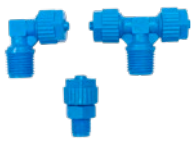
Maximum contact load: 30W/50VA.

Connection: 1/2”

MODELS

CODE	CONNECTION	RANGO	RRP (€)
12040025	1/2”	0-10 BAR	**299**

ACCESSORIES



TEFEN ACCESSORY

SEE PAGE



metal accessory

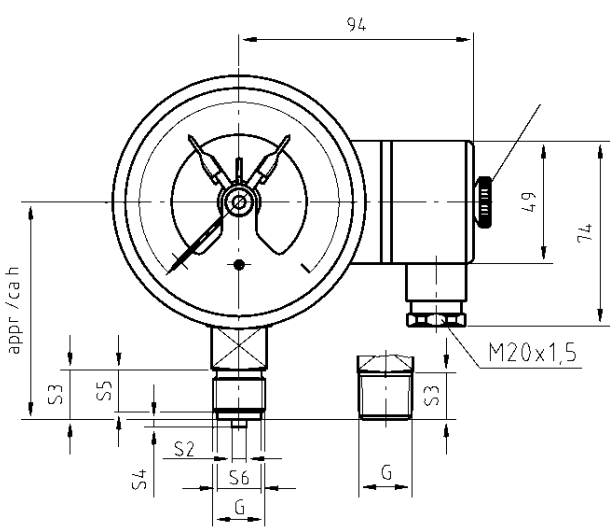
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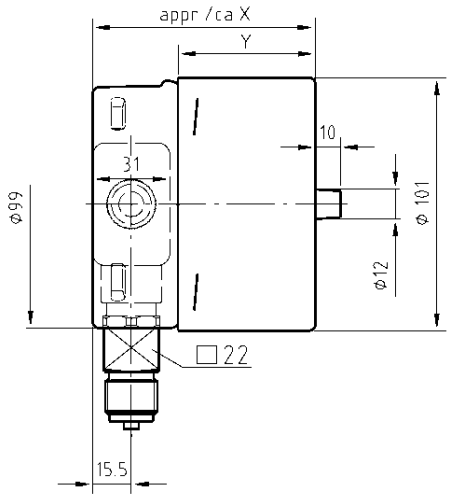


POSITIONING MANOMETER

CODE	MODEL	RRP (€)
11028077	0 - 10 BAR	**30**
11028078	0 - 16 BAR	**30**

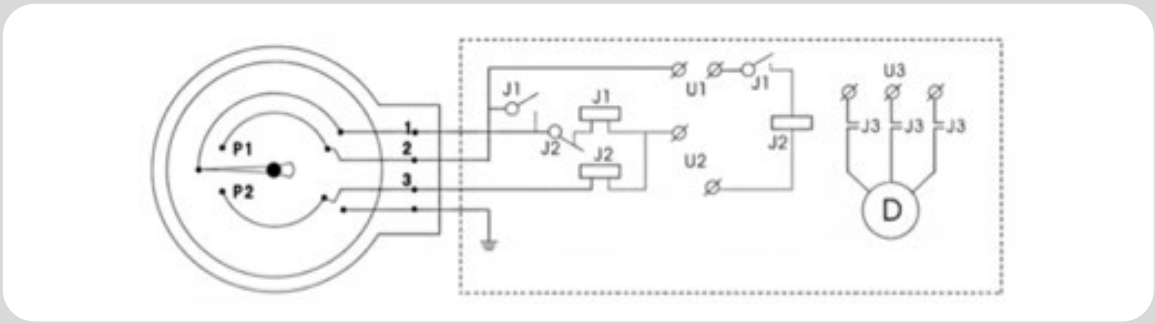
DIMENSIONS





TYPE OF CONTACTO	DIMENSIONS IN MM X	DIMENSIONS IN MM AND	CONEXIÓN A PROCESS	DIMENSIONS IN MM H ± 1	S2	S3	S4	S5	S6
Double contact	113	80	G 1/2 B	87	6	20	3	17	17.5

INFORMATION



Lower Legend (Numbering)

1. Main line (Red)
2. Upper limit (Yellow)
3. Lower Limit (Green)
4. Ground / Ground (Black)

Diagram Labels

P1 / P2: Represent the pressure set points (contacts).

J1 / J2 / J3: Normally refer to relays or connectors within the control circuit.

U1 / U2 / U3: Voltage or phase terminals.

D: Represents the output device or load (such as a motor or pump).

FLOW SWITCH

The flow switch is designed to detect the flow of liquids (water, oils, chemicals) in pipes with diameters from 1" to 8". Supplied with set of 4 interchangeable reeds to adapt to different diameters.





MATERIAL CHARACTERISTICS

Base: ABS

Lid: Transparent polycarbonate

Reed (flow sensor): AISI stainless steel 316L

Fixing thread: Brass

OPERATING CHARACTERISTICS

Maximum service pressure: +11 bar.

Maximum contact voltage: 250 V AC.

Breaking capacity: 15 A / 24- 250 V AC (resistive)..

Flow rate for activation:

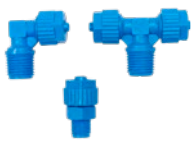
Increasing flow: 1,0 m/s to 172,5 m/s.

Decreasing flow: 0,6 m/s to 165,7 m/s.

MODELS

CODE	MODEL	RRP (€)
10011045	SF 1"	115

ACCESSORIES



TEFEN ACCESSORY

SEE PAGE



metal accessory

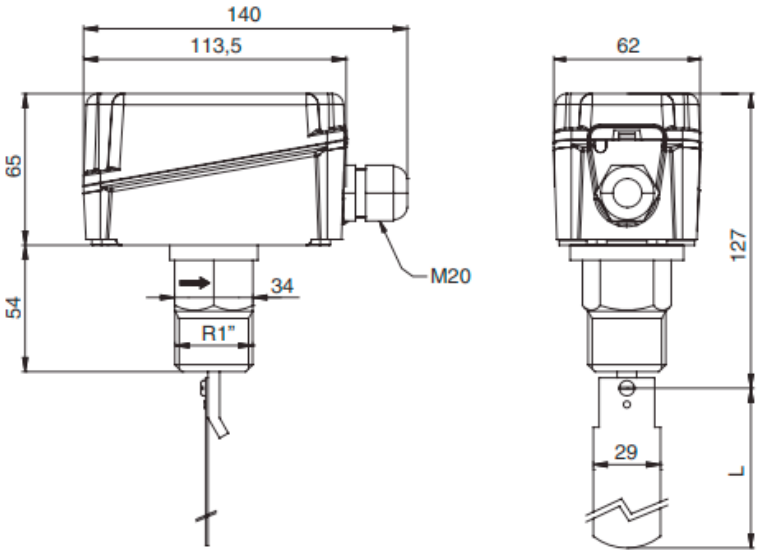
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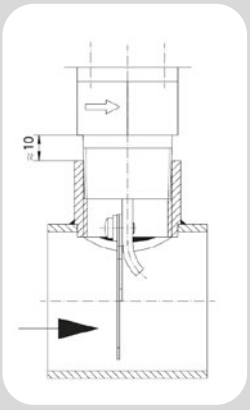
POSITIONING MANOMETER

CODE	MODEL	RRP (€)
11028077	0 - 10 BAR	**30**
11028078	0 - 16 BAR	**30**

DIMENSIONS



INFORMATION

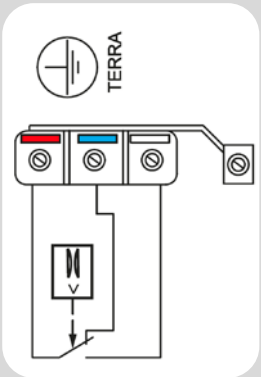


Calibration: It comes from the factory at the minimum value.

Adjustment: Turn the screw clockwise (clockwise) to increase the peel value.

Safety: The value must be greater than or equal to the minimum protection flow of the plant.

Installation: Includes 4 cams that must be cut to pipe size. Does not include “T” fitting (available only upon request)



Electrical connection: Connect the red and white contacts. These will open if the flow value decreases below the programmed value. The red and blue contacts close simultaneously and can be used as a signal

MANUAL VALVE 3 WAYS

3 manual valve allows connecting any of the three ports to the common port, while the others remain sealed. Designed for manual hydraulic control in irrigation applications and industrial facilities.









MATERIAL CHARACTERISTICS

Body: Brass or plastic (depending on model)

Internal ball: Chrome steel

Lever: ABS

Threads: 1/8" - 1/4" BSP

OPERATING CHARACTERISTICS

Connection thread: Available in 1/4, 1/8 and 1/4" high flow connections

Position Settings: Open, Closed or Automatic by connecting to common port

Maximum pressure: 16 bar

MODELS

CODE	MATERIAL	CONNECTION MAIN	CONEXIÓN TOMAS	UNITS/BOX	RRP (€)
11028052	LATÓN	1/8"	1/8"	10	**14.5**
11028053	LATÓN	1/4"	1/8"	10	**14.5**
11028050	LATÓN	1/4"	1/4"	10	**30.5**
11028055	PLASTIC	1/8"	1/8"	10	**11**
11028064	PLASTIC	1/4"	1/8"	10	**11**

ACCESSORIES



TEFEN ACCESSORY

SEE PAGE



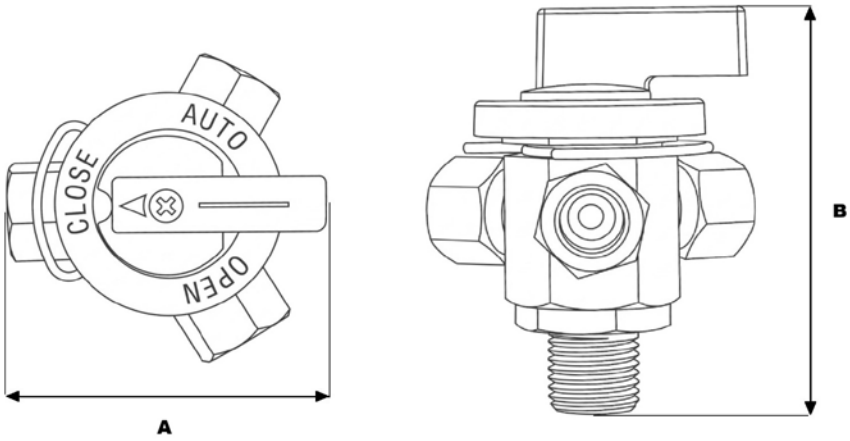
metal accessory

SEE PAGE



solenoid support		
CODE	**MODEL**	**RRP (€)**
14112001	SUPPORT	**40**

DIMENSIONS



A	B	CONEXIÓN PRINCIAL	SOCKET CONNECTION
40	40	1/4"	1/8"
40	40	1/8"	1/8"
55	70	1/4"	1/4"

Made of nylon. These accessories are versatile and easy to assemble thanks to their built-in O-ring. They are accessories designed to join flexible tubes of y 8mm where water, compressed air or chemicals circulate.



MATERIAL CHARACTERISTICS

Body: Nylon 6/6 It is characterized by its great mechanical and impact resistance

Reinforcement: reinforced with fiberglass

Resistance: Exposure to UV rays to aggressive chemicals such as fertilizers and oils

OPERATING CHARACTERISTICS

Thread: BSP conical thread.

Thread measurements: 1/8",

Tubes: 6x8

MODELS



CONNECTOR (Union)		
CODE	MODEL	RRP (€)
11029101	8 x 1/8"	1.6



ELBOW (male)		
CODE	MODEL	RRP (€)
11029102	8 x 1/8"	1.6



PLASTIC TE (Central male)		
CODE	MODEL	RRP (€)
11029103	8 x 1/8"	2.1



PLASTIC CONNECTOR (Male)		
CODE	MODEL	RRP (€)
11029104	8 x 1/8"	1.2



female - male reduction nut		
CODE	MODEL	RRP (€)
11029105	1/8" - 1/4"	2.1

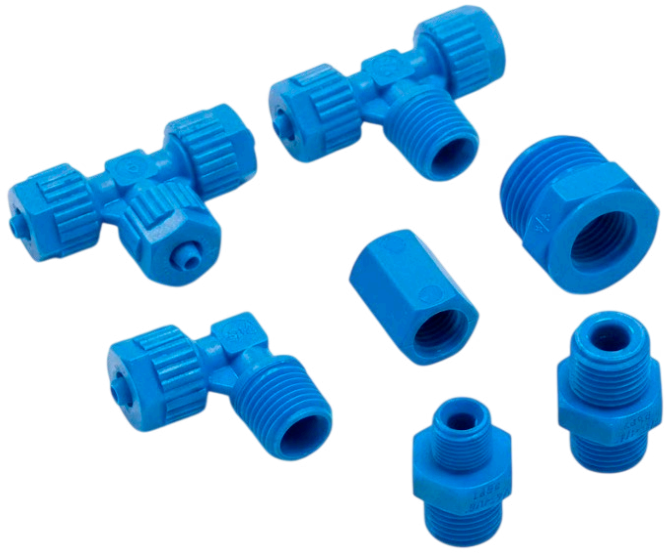


screw cap (male)		
CODE	MODEL	RRP (€)
11029106	1/4"	0,90



MACHONES		
CODE	MODEL	RRP (€)
11029107	Male 1/4"	1,10
11029108	Male 1/8"	0,85

Tefen, specifically its line made of nylon and fiberglass. These accessories are widely recognized for their characteristic blue color and high technical quality. They are mechanical connection accessories (fittings) designed to join 6mm and 8mm flexible tubes where water, compressed air or chemicals circulate.



MATERIAL CHARACTERISTICS

Body: Nylon 6/6 (Polyamide 66): For the blue line. It is characterized by its great mechanical and impact resistance

Reinforcement: reinforced with fiberglass

Resistance: Exposure to UV rays to aggressive chemicals such as fertilizers and oils

OPERATING CHARACTERISTICS

Thread: BSP conical thread.

Thread measurements: Generally range from 1/8", 1/4", 3/8" to 1/2"

Tubes: 4x6, 6x8, 8x12

MODELS





PLASTIC CONNECTOR (Union)		
CODE	MODEL	RRP (€)
11029014	6	1,91
11029015	8	1,91

PLASTIC TEA (Union)		
CODE	MODEL	RRP (€)
11029017	6	2,33
11029016	8	2,33

MODELS



PLASTIC ELBOW		
CODE	MODEL	RRP (€)
11029009	6 X 1/4”	1,70
11029010	6 X 1/8”	1,70
11029011	8 X 1/4”	1,80
11029012	8 X 1/8”	1,80
11029024	6	1,80



PLASTIC CONNECTOR (Male)		
CODE	MODEL	RRP (€)
11029020	6 X 1/4”	1,38
11029021	6 X 1/8”	1,38
11029022	8 X 1/4”	1,48



PLASTIC PLUGS AND SLEEVES		
CODE	MODEL	RRP (€)
11029026	Male 1/4”	1,06
11029027	Male 1/8”	0,85



PLASTIC TE (Central male)		
CODE	MODEL	RRP (€)
11029005	6 X 1/4”	2,01
11029006	6 X 1/8”	2,01
11029007	8 X 1/4”	2,28



PLASTIC PLUGS AND SLEEVES		
CODE	MODEL	RRP (€)
11029031	Mach-1/4”-1/8”	1,27



PLASTIC TE (Central male)		
CODE	MODEL	RRP (€)
11029001	ASM 6 X 1/4”	1,91
11029002	ASM 6 X 1/8”	1,91
11029003	ASM 8 X 1/4”	2,33



PLASTIC PLUGS AND SLEEVES		
CODE	MODEL	RRP (€)
11029032	Tuer 1/4”-1/8”	1,38
11029030	Tuer 1/2”-1/4”	1,59



PLASTIC PLUGS AND SLEEVES		
CODE	MODEL	RRP (€)
11029028	Sleeve 1/8”	0,90
11029029	Sleeve 1/4”	0,93

Quick connection fitting for instant assembly without tools. Made of acetal resin for greater mechanical resistance. Includes an internal O-ring that guarantees a total hermetic seal. Swivel elbows and tees for easier installation and orientation.



MATERIAL CHARACTERISTICS

Body Material: Acetal Resin **(POM)**

Connection Type: Instant (Push-in)

Closing System: NBR/EPDM O-ring

Thread: Nike-plated brass

OPERATING CHARACTERISTICS

Manual Installation: Does not require additional wrenches or sealants on the tube part

Nominal Pressure: PN16 (16 bar)

Working Temperature: 20°C to +70°C

Tube Compatibility: 4x6mm, 6x8mm

Thread Type: BSP (Cylindrical) with gasket

MODELS





AUTOMATIC RM ELBOW WITH JOINT		
CODE	MODEL	RRP (€)
11029038	6 X 1/4’	2
11029037	6 X 1/8’	1,7
11029040	8 X 1/4’	2,2
11029039	8 X 1/8’	2,1

AUTOMATIC RM TE W/ JOINT		
CODE	MODEL	RRP (€)
11029046	6 X 1/4’	3,5
11029045	6 X 1/8’	3,4
11029048	8 X 1/4’	3,9
11029047	8 X 1/8’	3,8

MODELS



AUTOMATIC UNION ELBOW WITH JOINT		
CODE	MODEL	RRP (€)
11029053	6	1,95
11029054	8	2,1



AUTOMATIC JOINT TE W/ JOINT		
CODE	MODEL	RRP (€)
11029050	6	2,4
11029052	8	2,8



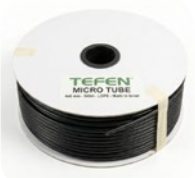
AUTOMATIC ASYMMETRIC TE W/ JOINT		
CODE	MODEL	RRP (€)
11029042	ASM 6 X 1/4’	3,6
11029041	ASM 6 X 1/8’	3,5
11029044	ASM 8 X 1/4’	4
11029043	ASM 8 X 1/8’	3,9



AUTOMATIC RM CONNECTOR WITH GASKET		
CODE	MODEL	RRP (€)
11029034	6 X 1/4’	1,6
11029033	6 X 1/8’	1,4
11029036	8 X 1/4’	1,9
11029035	8 X 1/8’	1,8



AUTOMATIC UNION LINK WITH JOINT		
CODE	MODEL	RRP (€)
11029055	6	2
11029056	8	2,1



MICROTUBE		
CODE	MODEL	RRP (€)
15153005	6mm	33
15153006	8mm	40

Nickel-plated brass fittings and valves for mounting hydraulic valves. The nickel coating gives them greater resistance to corrosion, durability against wear and a professional aesthetic finish.



MATERIAL CHARACTERISTICS

Body: brass.

Coating: Nickel-plated treatment.

Resistance: improves resistance to corrosion and lime.

OPERATING CHARACTERISTICS

Thread: BSP conical thread.

Thread measurements: They generally range from 1/8", 1/4", 3/8" to 1/2".

Figures: Elbows, Tees, Extensions, plugs, reduction nuts, intake filters, needle valves.

MODELS



METAL THREAD TE		
CODE	MODEL	RRP (€)
11028040	1/8"	2,45



METAL THREADED ELBOW		
CODE	MODEL	RRP (€)
11028037	1/8"	1,9



METAL EXTENSION		
CODE	MODEL	RRP (€)
11028043	1/8”	2,2
11028044	1/4”	2,8



needle valve		
CODE	MODEL	RRP (€)
11028063	1/4”	24



SLEEVES		
CODE	MODEL	RRP (€)
11028032	Sleeve 1/8”	0,95
11028033	Sleeve 1/4”	1,55



MINI VALVE		
CODE	MODEL	RRP (€)
11028059	H - H 1/8’	4.65
11028060	H - H 1/4’	4.65
11028061	M - H 1/8’	4.65
11028062	M - H 1/4’	4.65



TAKE FILTER		
CODE	MODEL	RRP (€)
11028051	1/4’	7



CHECK VALVE		
CODE	MODEL	RRP (€)
11028066	1/4’	21



METALLIC MACHINE		
CODE	MODEL	RRP (€)
11028027	1/8”	0,9
11028028	1/4”	1,3
11028029	1/2”	3,2



METAL REDUCED MACHINE		
CODE	MODEL	RRP (€)
11028030	1/4”-1/2”	2,9
11028031	1/8”-1/4”	1,2



TE SELECTORA		
CODE	MODEL	RRP (€)
11028045	1/8’	44



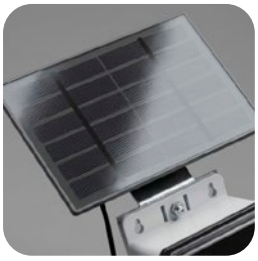
METAL NUT		
CODE	MODEL	RRP (€)
11028035	Tuer 1/2”-1/4”	2,4
11028036	Tuer 1/4”-1/8”	1

IFLOW SMART CONTROL LATCH

This remote irrigation programmer allows you to intelligently manage irrigation and monitor water consumption through advanced connectivity, with meter telemetry, it collects the emitted pulses and sends them remotely to the management platform, the equipment is approved for sending data to the Segura Hydrographic Confederation and the Júcar Hydrographic Confederation.









MATERIAL CHARACTERISTICS

MATERIAL CHARACTERISTICS
Material: Made of ABS.

Watertightness:
Protection grade IP65.

Dimensions: 185 x 120 x 50 mm OPERATING

CHARACTERISTICS

Power: LR20 banks or solar panel with lithium banks, or 3.6v transformer.

Connections:

It has 2 latch outputs 18V for latch type solenoids, compatible with 2 and 3 wire systems

Input for reed pulse with configuration of 1, 10, 100 and 1000 liters per pulse.

Communication:

Uses NB-IoT network.

MODELS

CODE	MALE THREAD	RRP (€)
11033034	IFLOW SMART CONTROL LATCH 2 OUTPUTS	**450**
11033035	IFLOW SMART CONTROL LATCH 4 OUTPUTS	**450**

RELATED ARTICLES



battery lr20		
CODE	MODEL	RRP (€)
11033029	LR20 (UD)	**4**



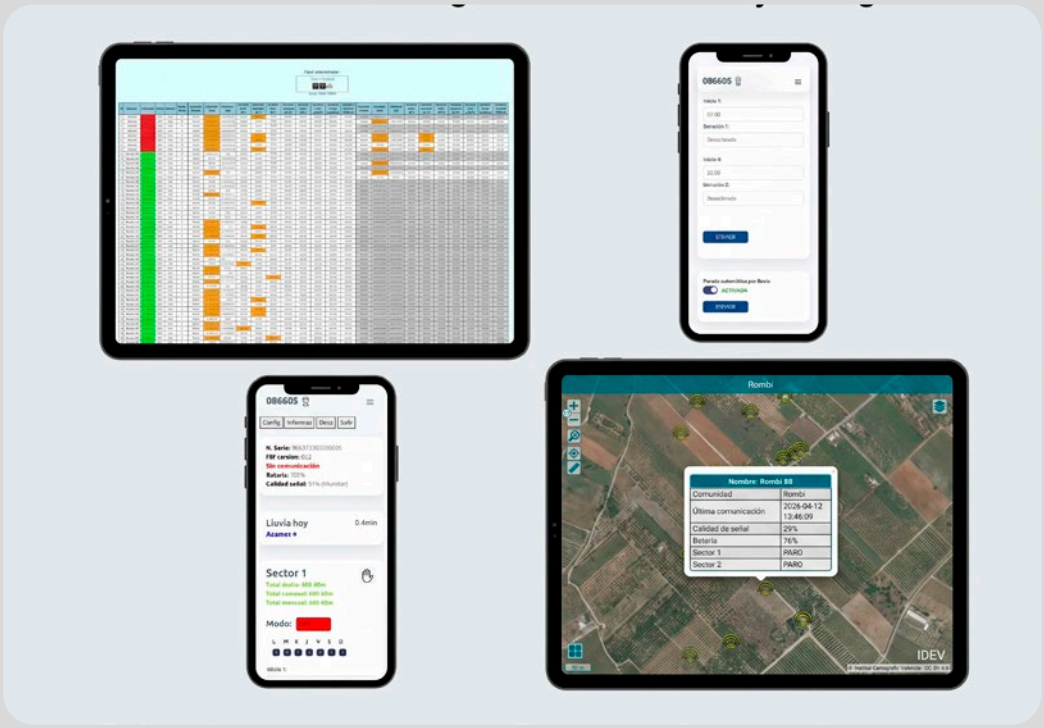
4w solar kit + lithium bank		
CODE	MODEL	RRP (€)
11033030	SOLAR KIT	**160**



transformer 3.6v		
CODE	MODEL	RRP (€)
11033032	AFTER	**25**

INFORMATION

web control panel (optimized for smartphone)



CONFIGURATION AND CONTROL (MANAGEMENT)

Management: Remote control via web from any smartphone, tablet or PC.

Irrigation Programming: Allows you to configure up to two programs per output and three starts per program. The irrigation duration is adjustable from 15 minutes to 10 hours, in intervals of 15 minutes.

Manual Control: It has manual start and stop capacity directly from the front button panel of the equipment.

Monitoring: Records and monitors water consumption every 15 minutes, as long as it is connected to a flowmeter with a pulse emitter.

installation and certification

Installation: Mounting is carried out using a stainless steel support with a central hole of 6 mm. Cable connection is quick and screwless.

Certification: The device complies with CE and RoHS regulations.

access information

Web: www.metering.iflowcontrol.es

IRRIGATION PROGRAMMER ICD-150

The TISU ICD-150 programmer is an effective solution, due to its easy programming, the simultaneous opening of all its 14 outputs either in Latch (9-12v), 24vAc or 12vDc, makes it a unique programmer on the market.







MATERIAL CHARACTERISTICS

Housing: ABS Plastic

Control Panel: Liquid Crystal Display (LCD) and integrated keyboard

Internal components: Electronic sensor internal circuits

OPERATING CHARACTERISTICS

Independent station programming.

Simultaneous opening of all stations.

10 start times per station

10 irrigation hours per station

Filter cleaning by pressure switch and irrigation time

Master valve

Technical menu for settings, pulse width, capacitor charging time, etc.

MODELS

CODE	OUTPUT	CAJA	VOLTAGE	UNITS/BOX	RRP (€)
11023063	6	PARED	9V LATCH	1	**430**
11023065	14	PARED	9V LATCH	1	**471**
11023066	14	PARED	24VAC	1	**471**
11023067	14	PARED	12VDC	1	**471**
11023068	14	PANEL	24VAC	1	**441**

ACCESSORIES



SOLENOID VALVE		
CODE	CONNECTION	RRP (€)
11034065	1" THREAD	**19**
11034066	**1-1/2" THREAD**	**52**
11034067	2" THREAD	**54**

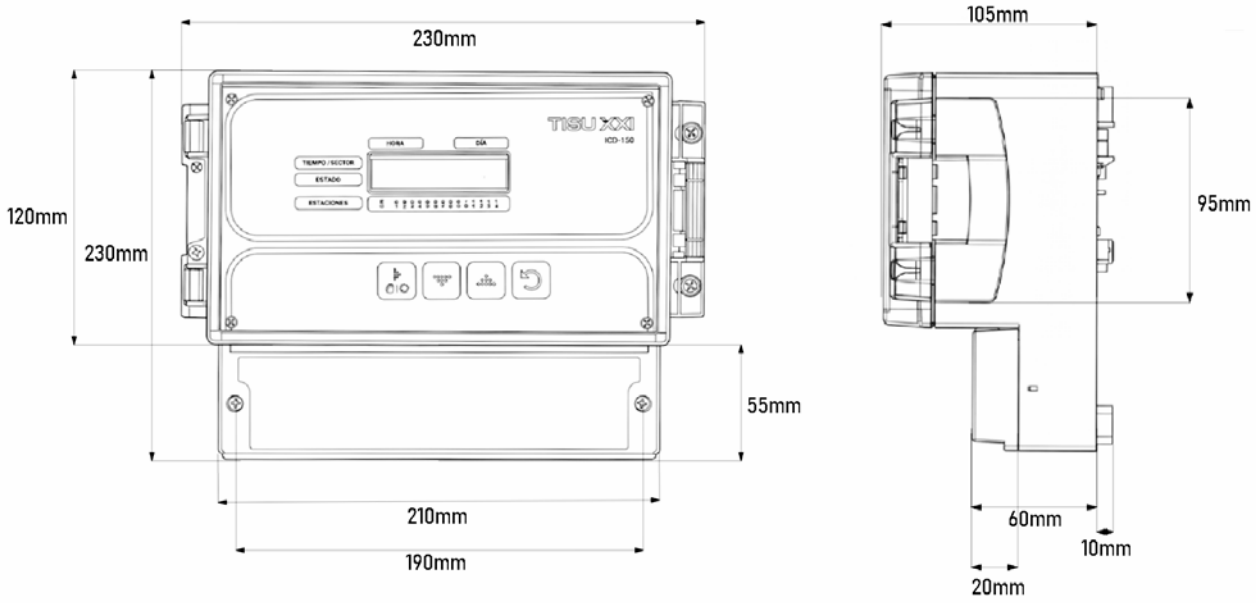


SOLENOID		
CODE	CONNECTION	RRP (€)
	SOLENOIDE 2 VIAS 9V LATCH 2HILOS	**24**



PROCELL 9V BATTERIES		
CODE	MODEL	RRP (€)
11033013	9V ILR	**4.2**

DIMENSIONS


230mm
120mm
230mm
55mm
210mm
190mm
105mm
95mm
60mm
10mm
20mm

GALCON 6100 SERIES PROGRAMMER

6100 bank-powered irrigation programmer, designed to automate irrigation systems without the need for electrical connection, independent programming of each valve and general valve, and sequential irrigation mode.







MATERIAL CHARACTERISTICS

Body: ABS Plastic

Cover: ABS Plastic

Screen: LCD (Liquid Crystal Display) - Liquid Crystal

OPERATING CHARACTERISTICS

Power: 2 9V alkaline bank.

Control capacity: , 4, 6 and 12 stations, depending on model.

Pressure range: 0,5 to 10 bar.

Working temperature: 5 °C to 50 °C.

Direct connection to 9V latch solenoid valves.

IP68 protection.

MODELS

CODE	OUTPUT	CONNECTION	VOLTAGE	UNITS/BOX	RRP (€)
11033004	4	3 THREADS	9V LATCH	1	**154**
11033007	6	3 THREADS	9V LATCH	1	**192.5**
11033018	4	2 THREADS	9V LATCH	1	**154**
11033019	6	2 THREADS	9V LATCH	1	**192.5**
11033015	12	3 THREADS	9V LATCH	1	**627**
11033016	12	2 THREADS	9V LATCH	1	**656**
11033002	PROGRAMMER + VALVE 1"	3 THREADS	9V LATCH	1	**198**
11033001	PROGRAMMER + 1 SOLENOID	3 THREADS	9V LATCH	1	**171.6**

ACCESSORIES



LONG DISTANCE SOLENOID

SEE PAGE



SOLENOID 2 ways		
CODE	CONNECTION	RRP (€)
	LATCH 2HILOS	**26**
	24VAC	**24**



SOLENOID galcon e vias		
CODE	MODEL	RRP (€)
11021041	2H LATCH	**77**
40001221	3H LATCH	**77**

GALCON PROGRAMMER 24V/AC

Electronic irrigation programmer powered by 24 V AC, designed to automate irrigation systems without the need for electrical connection, independent programming of each valve and general valve, and sequential irrigation mode.







MATERIAL CHARACTERISTICS

Body: ABS plastic.

Cover: ABS Plastic

Screen: LCD - Liquid Crystal

OPERATING CHARACTERISTICS

Power: 24 V AC (50/60 Hz).

Number of outputs: versions of 4, 6 and 8 zones. (Expandable up to 24)

Programming: three independent programs (A, B and C).

Up to 4 starts per program and day.

Compatible with 24 V AC solenoids.

Pump or master valve function.

Rain sensor input

MODELS

CODE	OUTPUT	CONNECTION	VOLTAGE	UNITS/BOX	RRP (€)
11033008	4	2 THREADS	24VAC	1	**164**
11033009	6	2 THREADS	24VAC	1	**175**
11033014	8 (24)	2 THREADS	24VAC	1	**536**
11033025	8 OUTPUTS EXPANSION MODULE	24VAC	1	31	**40**

ACCESSORIES



LONG DISTANCE SOLENOID

SEE PAGE



SOLENOID 2 ways		
CODE	CONNECTION	RRP (€)
	LATCH 2HILOS	**26**
	24VAC	**24**



LONG DISTANCE SOLENOID

SEE PAGE

G75 PROGRAMMER

The G75 programmer allows you to automate irrigation cycles in a simple and reliable way. It works with 9 V bank and is installed directly on the valve or on the wall. Its compact, resistant and completely waterproof design makes it ideal for outdoor use or agricultural environments.







MATERIAL CHARACTERISTICS

Housing: ABS technical plastic

Front panel: Transparent polycarbonate with UV protection

Button pad: Membrane-type sealed rubber.

Screen: Low consumption LCD

OPERATING CHARACTERISTICS

Power: 9 V bank (autonomy > 1 year)

Programming: Up to 3 daily starts and irrigation day selection

Mounting: Direct on valve or on wall using support

Working temperature: –10°C to +60°C

Protection grade: IP67

MODELS

CODE	OUTPUT	MODEL	VOLTAGE	UNITS/BOX	RRP (€)
11030002	1	PROGRAMMER + SOLENOID	9V LATCH	1	**98**
11030001	1	PROGRAMMER + VALVE 1"	9V LATCH	1	**106**

RELATED ARTICLES



LONG DISTANCE SOLENOID

SEE PAGE



SOLENOID 2 ways

CODE	CONNECTION	RRP (€)
	LATCH 2HILOS	**26**
	24VAC	**24**



PROCELL 9V BATTERIES

CODE	MODEL	RRP (€)
11033013	9V ILR	**4.2**

ITV105 PROGRAMMER

The Rainpoint ITV105 programmer is a digital irrigation programmer with a compact design, ideal for connecting directly to a faucet or outdoor water outlet. Allows complete irrigation programming using a rotary dial and adjustment buttons. Offers additional features such as Manual Watering and Rain Delay.







MODEL 3 PROGRAMS



MODEL 2 OUTPUTS

MATERIAL CHARACTERISTICS

Housing: ABS

Control Panel: LCD Screen

Physical Power: 2 1.5 V AAA alkaline banks (not included)

Connections: Inlet with connection thread 3/4"

OPERATING CHARACTERISTICS

Working Pressure: 0.5 bar to 8 bar

Maximum Flow Rate: 35 L/min

Temperature Range: 3 °C to **50 °C**

Irrigation Duration: 1 minute - 4 hours

Irrigation Frequency: every 1 to 12 hours or every 1 to 7 days

Additional Functions: Manual irrigation adjustable from 1 minute to 8 hours

MODELS

CODE	DESCRIPTION	RRP (€)
11023069	RAINPOINT FAUCET PROGRAMMER 1 PROGRAM	**43**
11023075	PROGRAMADOR DE GRIFO RAINPOINT 3 PROGRAMAS	**45**
11023070	RAINPOINT FAUCET PROGRAMMER 2 OUTPUTS	**75**

RELATED ARTICLES



filter mf-100

SEE PAGE

BLUETOOTH RAINPOINT PROGRAMMER

The Bluetooth Faucet Programmer is an irrigation timer that is configured and controlled through an App using a short-range Bluetooth connection. It offers precise irrigation control with up to 20 irrigation plans and multiple programming modes, including Cycle and Soak mode.



MATERIAL CHARACTERISTICS

Housing: ABS

Water inlet: reinforced brass

Connections: Inlet thread of 3/4" or 1" and outlet of 3/4"

Filter: Includes a metal filter integrated into the inlet to prevent clogging OPERATING

CHARACTERISTICS

Main Connectivity: Bluetooth

Bluetooth Range: Approx. 30 m

Working Pressure: 0.5 to 8 bar

Maximum Flow Rate: 35 L/min

Temperature Range: 0 °C to **50 °C**

Irrigation Duration: 1 minute - 12 hours

MODELS

CODE	DESCRIPTION	RRP (€)
11023084	BLUETOOTH PROGRAMMER	**80**

ACCESSORIES



WIFI WATER METER	
CODE	RRP (€)
11023081	**35**



GRASS MOISTURE SENSOR	
CODE	RRP (€)
11023080	**35**



WIFI RAIN GAUGE	
CODE	RRP (€)
11023078	**35**

RAINPOINT WIFI PROGRAMMER

The Rainpoint ITV105 timer is a digital irrigation programmer to connect directly to a faucet or outdoor water outlet. Allows programming via APP and Wi-Fi connection. It offers various irrigation and monitoring functions with linkable rain and humidity sensors.





MODEL 2 OUTPUTS

MATERIAL CHARACTERISTICS

Control Panel: Buttons with LED for manual opening

Power: Requires 4 1.5V AAA alkaline banks (not included).

Connections: 1" standard hose thread with 3/4" adapter

Protection: Waterproof level IP54

OPERATING CHARACTERISTICS

Working Pressure: Operating range from 0.5 bar to 8 bar

Connection: Wi-Fi

Dual modes: Irrigation and misting

Working pressure: from 0,5 to 8 bars

MODELS

CODE	DESCRIPTION	RRP (€)
11023079	PROGRAMMED FAUCET 1 WIFI OUTPUT + UB	115
11023073	PROGRAMMED FAUCET 2 WIFI OUTPUT + UB	135
11023076	BOX HUB	35
11023074	CONTROL UNIT FOR 10 DEVICES	104

ACCESSORIES



Control unit 10 devices	
CODE	RRP (€)
11023074	104



GRASS MOISTURE SENSOR	
CODE	RRP (€)
11023080	35



WIFI RAIN GAUGE	
CODE	RRP (€)
11023078	35

PROGRAMMER + WIFI SOLAR PUMP

The RainPoint Controller and Pump System is a smart solar irrigation controller that integrates an internal solar water pump. It is designed as a micro-drip system, does not require a water intake and operates without the need for external electrical power thanks to its solar panel. Allows management of the irrigation plan through remote control via App.



MATERIAL CHARACTERISTICS

Housing: ABS

Charging Panel: Solar panel integrated on top

Bank: 18650 rechargeable lithium bank (3.7 V, 2600 mAh)

Accesorios: Viene con tubería, filtro, tapones, micro-goteros,

OPERATING CHARACTERISTICS

Connectivity: Works with Wi-Fi 2.4

Maximum Flow Rate: 30 L/h

Temperature Range: 3°C to 50°C

Irrigation System: Water up to 10 plants

App functions: Management of irrigation plans (up to six plans), manual irrigation, water shortage alert

MODELS

CODE	DESCRIPTION	RRP (€)
11023083	PROGRAMMER + WIFI SOLAR PUMP	120

ACCESSORIES



GRASS MOISTURE SENSOR	
CODE	RRP (€)
11023080	35



WIFI POOL TEMPERATURE SENSOR	
CODE	RRP (€)
11023077	40



TEMPERATURE SENSOR	
CODE	RRP (€)
11023082	15

WI-FI PROGRAMMER 8 RAINPOINT OUTPUTS

The 8 zone Wi-Fi irrigation programmer designed for managing multiple gardening or agricultural areas. Allows control of 8 normal valves and supports an extra master valve. It includes LED indicators and buttons that allow direct manual watering on the product. The system is managed remotely through an App.





MATERIAL CHARACTERISTICS

Housing: Plastic for wall mounting

Connections: screw terminals.

Physical Power: External transformer included

OPERATING CHARACTERISTICS

Irrigation zones: 8 valves / 1 master valve

Power Supply: 24 V AC. 0.8 **A.**

Wi-Fi Requirement: Operates on the 2.4 GHz band or dual-band Wi-Fi

Sensors: 2 rain sensor terminals

Temperature Range: 3 °C to **50 °C**

MODELS

CODE	DESCRIPTION	RRP (€)
11023085	24VAC WIFI PROGRAMMER 8 OUTPUTS	**140**

ACCESSORIES



WIFI WATER METER	
CODE	RRP (€)
11023081	35



GRASS MOISTURE SENSOR	
CODE	RRP (€)
11023080	35



WIFI RAIN GAUGE	
CODE	RRP (€)
11023078	35

FILTRATION

Water Filtration Systems



- Manual and automatic discs
- Automatic mesh filters
- Sand filters
- Automations
- Accessories

BACK TO CONTENTS

EFFICIENCY IN FILTRATION AND AUTOMATIC CLEANING









01 Manual disc filters manual cleaning

02 Disc filter banks, automatic cleaning

03 Automatic cleaning mesh hydraulic filters

Sand filters and hydrocyclones 04

MANUAL FILTERS
MF-100

The MF-100 filter is a completely plastic filter prepared for irrigation systems. As it is completely made of plastic and does not contain metal parts, corrosion is zero. Prepared to withstand pressures of up to 8 Bar. The filter element can be either disc or mesh. The standard model would be a leak to 120mesh.







MATERIAL CHARACTERISTICS

The Body and Lid: are made of Polypropylene.

Discs: in high-density plastic (PP).

Seals and Gaskets: in EPDM.

OPERATING CHARACTERISTICS

Maximum Working Pressure: Generally, 10 bar (standard on most series), although some very compact models may be limited to 8 bar.

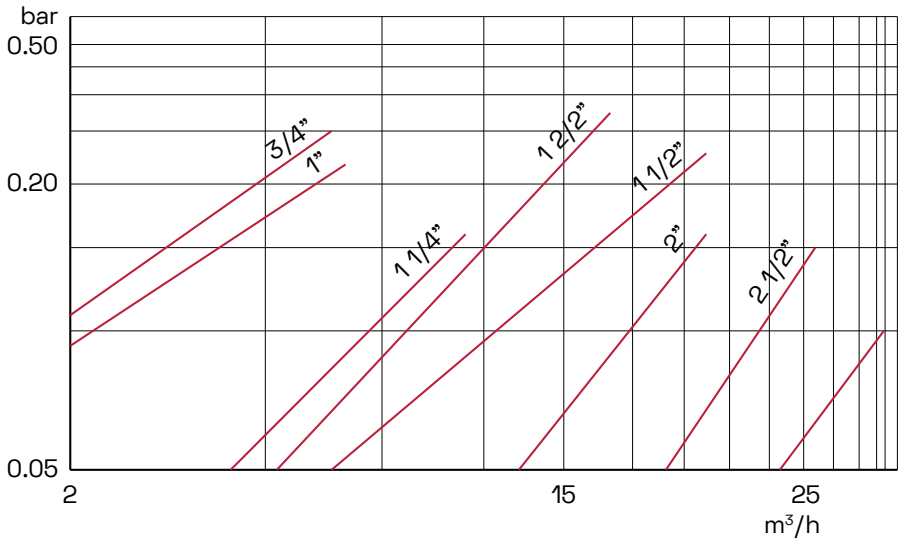
Male thread connections: connections from 3/4" to 2".

This filter is available in 120mesh and discs.

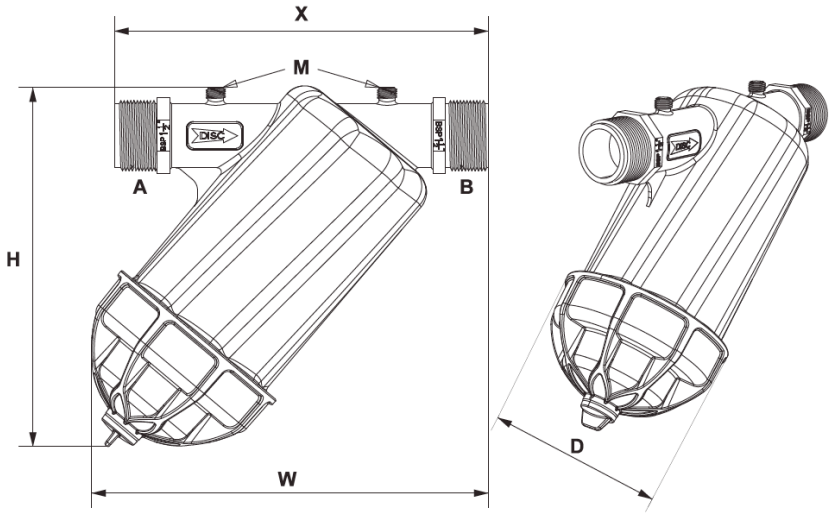
MODELS

SIZE	CONNECTION	TYPE OF FILTER	CODE	UDS	RRP (€)	CODE	UDS. CAJA SMALL	RRP (€)	CODE	UDS. CAJA BIG	RRP (€)
20	3/4"	Malla	**12042062**	1	**11,8**	**12043025**	10	**10,5**	**12042050**	60	**5**
25	1"	Malla	**12042063**	1	**11,8**	**12043026**	10	**10,5**	**12042051**	60	**5**
30	1-1/4"	Malla	**12042064**	1	**17,9**	**12043027**	4	**16**	**12042052**	25	**8,5**
40	1-1/2"	Malla	**12042065**	1	**17,9**	**12043030**	4	**16**	**12042053**	25	**8,5**
40	1-1/2" SUP	Malla	**12042066**	1	**27,4**	**12043019**	2	**24,5**	**12042054**	13	**16**
50	2"	Malla	**12042067**	1	**27,4**	**12043029**	2	**24,5**	**12042055**	13	**16**
20	3/4"	Discs	**12042068**	1	**13,4**	**12043024**	10	**12**	**12042056**	60	**6,5**
25	1"	Discs	**12042069**	1	**13,4**	**12043020**	10	**12**	**12042057**	60	**6,5**
30	1-1/4"	Discs	**12042070**	1	**23,5**	**12043021**	4	**21**	**12042058**	25	**13,5**
40	1-1/2"	Discs	**12042071**	1	**23,5**	**12043022**	4	**21**	**12042059**	25	**13,5**
40	1-1/2" SUP	Discs	**12042072**	1	**32,5**	**12042046**	2	**29**	**12042060**	13	**21**
50	2"	Discs	**12042073**	1	**32,5**	**12043023**	2	**29**	**12042061**	13	**21**

PRESSURE LOSS



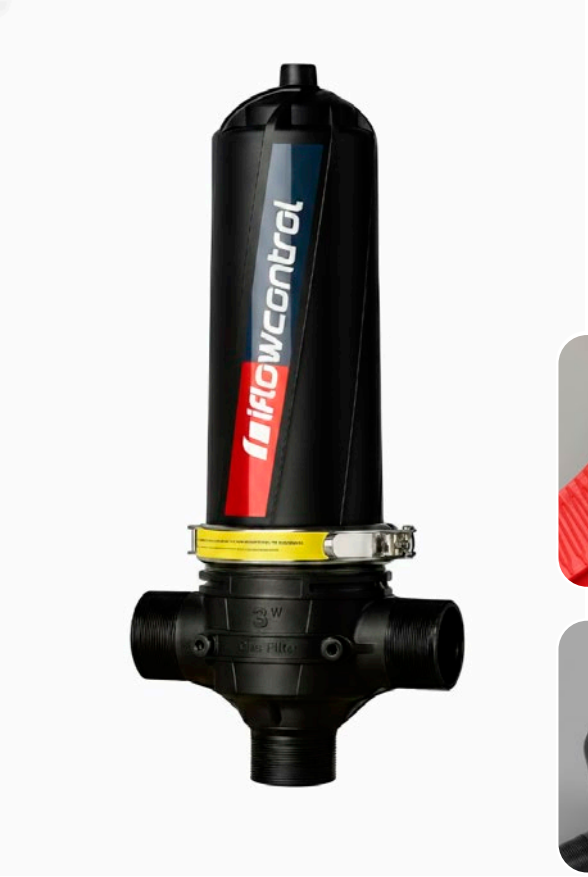
DIMENSIONS



MODEL	H (MM)	W (MM)	D (MM)
3/4"	173	186	83
1"	173	186	83
1-1/4"	230	250	120
1-1/2"	230	250	120
1-1/2" Super	260	290	140
2"	260	290	140

MANUAL FILTERS
MF-150

MF-150 disc filter that offers maximum safety with minimal maintenance. Helix technology delays filter clogging. This makes it take longer to get dirty, reducing maintenance work. Slotted discs offer depth-based filtration. The W disc option is also available which would offer more filtration surface in the same filter size.







MATERIAL CHARACTERISTICS

Body and lid: Polypropylene

Discs: High density plastic (PP)

Abrazadera: Acero Inoxidable 304.

OPERATING CHARACTERISTICS

Maximum working pressure: 10 bar.

Minimum Working Pressure: 0.8 a to ensure adequate flow.

Maximum Flow Rate: For a 2" filter, its maximum flow rate is 30 m3/h; for a 3" filter, the maximum flow rate is 50 m 3/h.

Filtering Surface (Maximum): The short filter has a filtering surface of 280 cm2, the super filter 520cm2, Male thread connections: in 2" and 3".

MODELS

CODE	SIZE	CONNECTION	ANILLA	M3/H	UNITS/BOX	RRP (€)
12043034	50	2"	SLOTTED	20	1	**131**
12043035	50	2" SUPER	SLOTTED	25	1	**165**
12043036	80	3"	SLOTTED	25	1	**170**
12042037	50	2"	W	20	1	**131**
12042038	50	2" SUPER	W	25	1	**165**
12042039	80	3"	W	25	1	**170**

ACCESSORIES

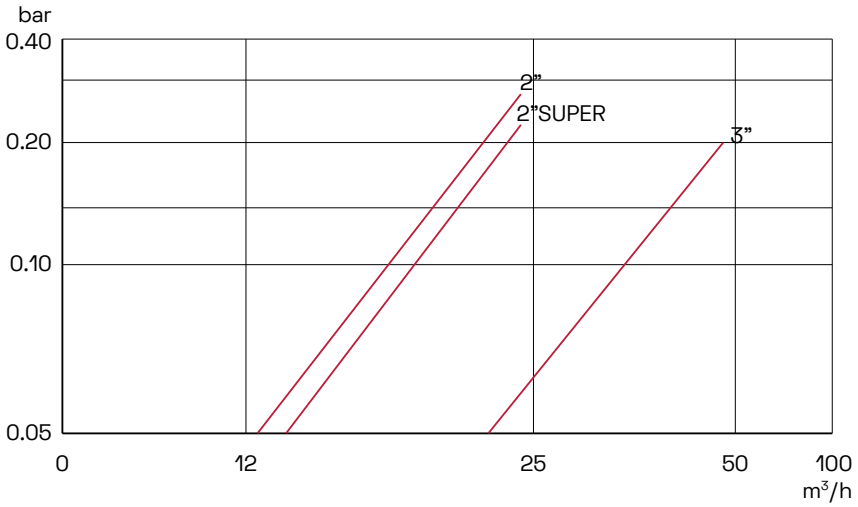


Kinetic AIR VALVE 3/4"	
CODE	RRP (€)
19191039	11



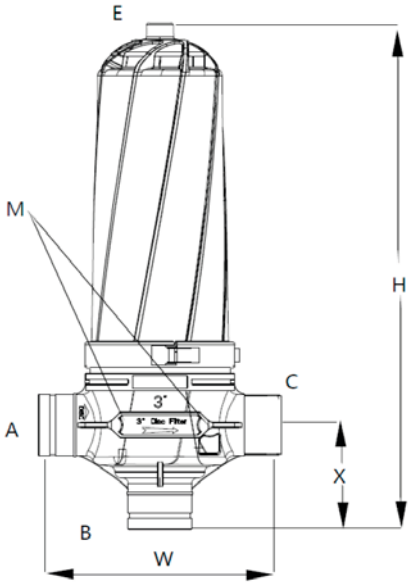
PVC valve 3 ways		
CODE	MODEL	RRP (€)
11030002	3"	98

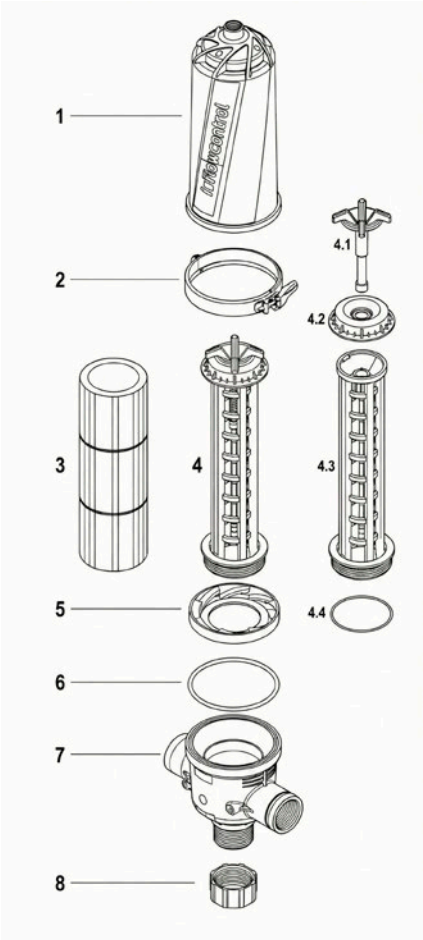
PRESSURE LOSS



DIMENSIONS

CODE		F	E	D	L
2"	RM	620	320	140	220
2" SUPER	RM	740	320	142	220
3"	RM	740	340	153	220





NUMERO	DESCRIPTION
1	PLASTIC COVER
1	PLASTIC COVER (Super Model)
2	CLAMP
2	SAFETY CLAMP
3	DISC SET WITH CENTRATORS
4	FILTER ELEMENT GRID
4	FILTER ELEMENT GRID (SUPER Model)
4.1	UPPER NUT GRID FILTER ELEMENT
4.2	LOWER NUT GRID FILTER ELEMENT
4.3 / 4.4	FILTER ELEMENT GRID
4.3 / 4.4	FILTER ELEMENT GRID (Super Model)
4.4	FILTER ELEMENT GASKET SET
5	PROPELLER
6	SEALING GASKET
7	CUERPO (2")
	CUERPO (3")
8	BODY PLUG (2")
	BODY PLUG (3")

FILTRATION BANK BF-100

The automatic disc filter retains solid particles using discs. When a pressure drop is detected, the cleaning process is automatically activated, reversing the water flow to remove impurities.







MATERIAL CHARACTERISTICS

Filter: Polyamide reinforced with fiberglass.

Discs (filter discs): Polypropylene or polyamide.

Manifolds and connections: PP

Screws and metal parts: AISI 304 stainless steel.

Gaskets and seals: EPDM

Support: Painted carbon steel.

OPERATING CHARACTERISTICS

Maximum pressure: 8 bar

Minimum pressure: 1.5 bar

Washing flow: (1.5 bar) - 10m3 hour

Maximum working flow: It will depend on the model and the pressure loss tables.

MODELS

CODE	SIZE	CONNECTION (MM)	TYPE OF CONNECTION	M3/H	CM2	RRP (€)
12043060	1 UNIT - 2"	50	THREAD	20	1530	**1.650**

ACCESSORIES



CLEANING SCHEDULER

SEE PAGE



LONG DISTANCE SOLENOID

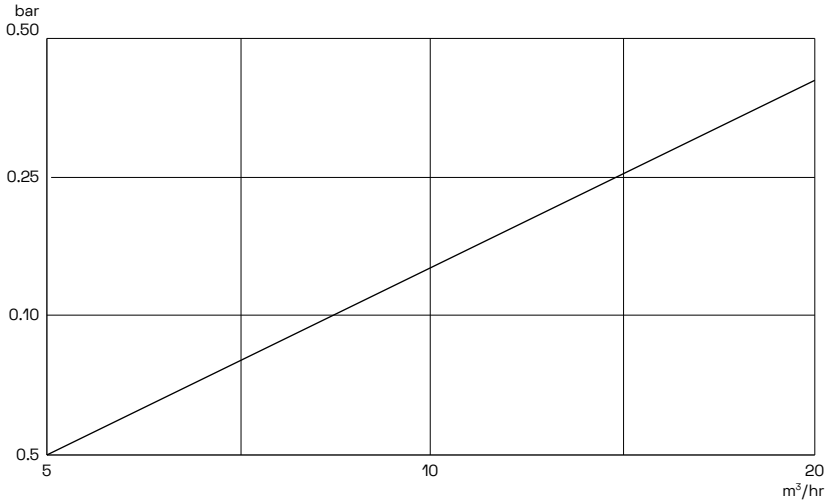
SEE PAGE



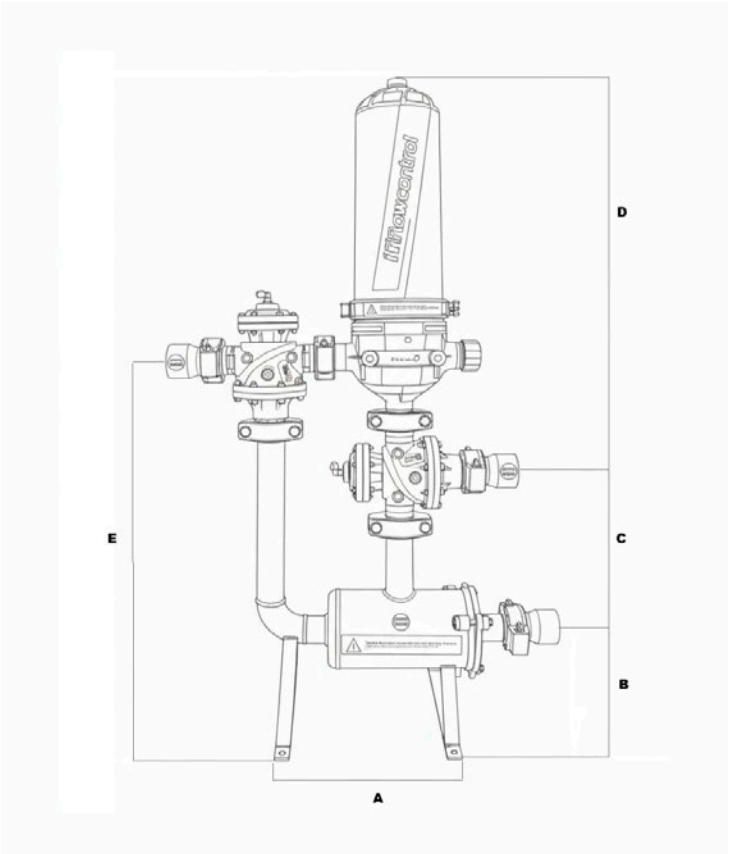
metal base solenoid

SEE PAGE

PRESSURE LOSS

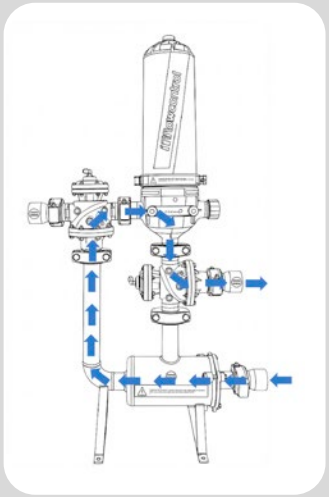


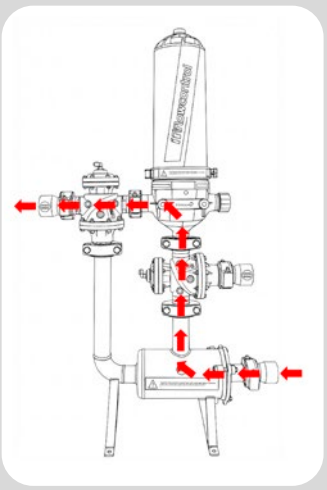
DIMENSIONS



A	B	C	D	E
370	180	370	850	800

INFORMATION





BF-150 FILTRATION BANK

The BF-150 automatic disc filter bank retains solid particles using discs. When a pressure drop is detected, the cleaning process is automatically activated, reversing the water flow to remove impurities.



MATERIAL CHARACTERISTICS

Filter: Polyamide reinforced with fiberglass

Discs (filter discs): Polypropylene or polyamide

Manifolds and connections: PP

Screws and metal parts: AISI stainless steel 304

Gaskets and seals: EPDM

Backwash valve: Stainless steel or polypropylene or polyamide

Support: Painted carbon steel

OPERATING CHARACTERISTICS

Maximum pressure: 8 bar

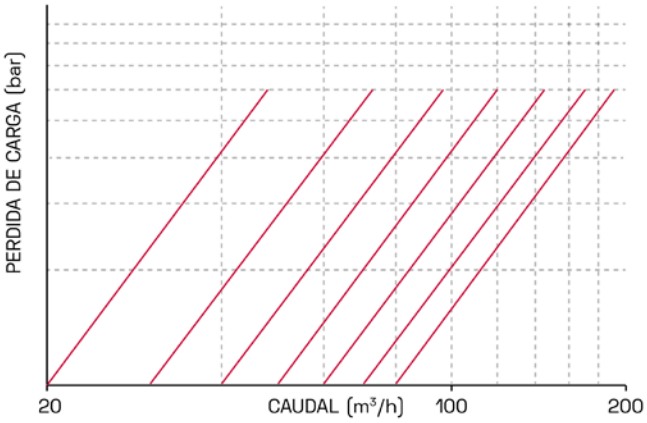
Minimum pressure: 1.5 bar

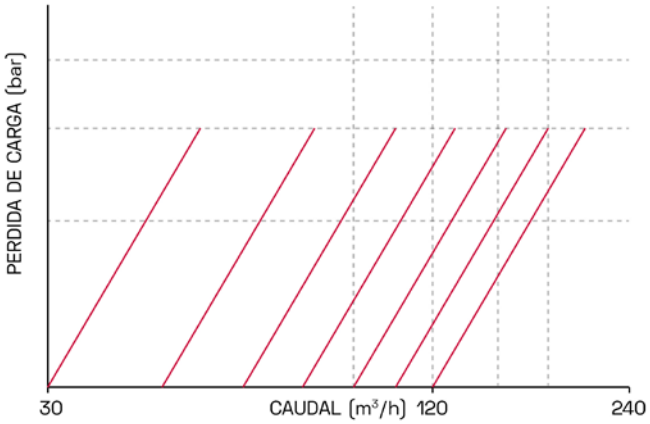
Washing flow: (1.5 bar) - 11m3 hour

MODELS

CODE	MODEL	COLLECT	CONNECTION	SURFACE	RRP (€)
12043037	2 UNITS - 2”	80	FLANGE	3240	2400
12043038	3 UNITS - 2”	100	FLANGE	4860	3400
12043039	4 UNITS - 2”	160	FLANGE	6480	4600
12043040	5 UNITS - 2”	160	FLANGE	8100	5700
12043041	6 UNITS - 2”	160	FLANGE	9720	6600
12043042	7 UNITS - 2”	200	FLANGE	11340	7400
12043043	8 UNITS - 2”	200	FLANGE	12960	8300
12043044	2 UNITS - 3”	100	FLANGE	3240	2950
12043045	3 UNITS - 3”	100	FLANGE	4860	4100
12043046	4 UNITS - 3”	160	FLANGE	6480	5400
12043047	5 UNITS - 3”	160	FLANGE	8100	6500
12043048	6 UNITS - 3”	200	FLANGE	9720	8100
12043049	7 UNITS - 3”	200	FLANGE	11340	9000
12043050	8 UNITS - 3”	200	FLANGE	12960	10300

PRESSURE LOSS



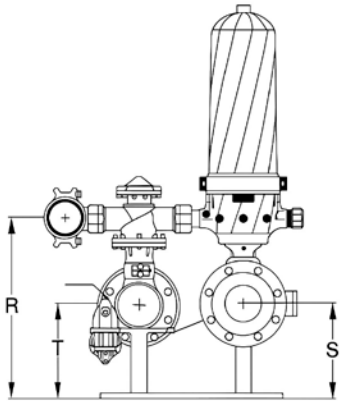


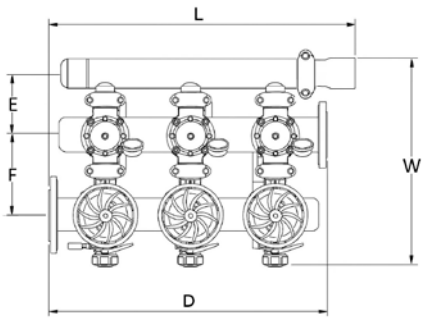
FILTRATION - WATER QUALITY

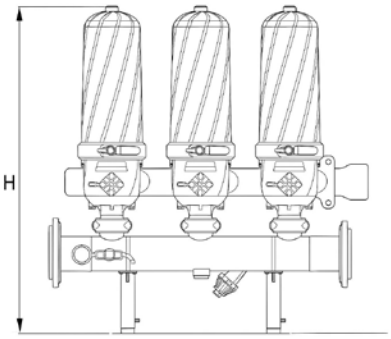
MODEL	BUENA	MEDIA	MALA
1 UNIT - 2"	22 m3/h	18 m3/h	12 m3/h
2 UNITS - 2"	44 m3/h	36 m3/h	24 m3/h
3 UNITS - 2"	66 m3/h	54 m3/h	36 m3/h
4 UNITS - 2"	88 m3/h	72 m3/h	48 m3/h
5 UNITS - 2"	110 m3/h	90 m3/h	60 m3/h
6 UNITS - 2"	132 m3/h	108 m3/h	72 m3/h
7 UNITS - 2"	154 m3/h	126 m3/h	84 m3/h

MODEL	BUENA	MEDIA	MALA
2 UNITS - 3"	60 m3/h	52 m3/h	40 m3/h
3 UNITS - 3"	90 m3/h	78 m3/h	60 m3/h
4 UNITS - 3"	120 m3/h	104 m3/h	80 m3/h
5 UNITS - 3"	150 m3/h	130 m3/h	100 m3/h
6 UNITS - 3"	180 m3/h	156 m3/h	120 m3/h
7 UNITS - 3"	210 m3/h	182 m3/h	140 m3/h
8 UNITS - 3"	240 m3/h	208 m3/h	160 m3/h

DIMENSIONS







CODE	MODEL	F	E	D	L	W	R	T	S	H
12043037	2 UNITS - 2"	272	204	715	745	700	496	255	277	1085
12043038	3 UNITS - 2"	272	204	930	990	700	516	265	287	1105
12043039	4 UNITS - 2"	272	204	1085	1220	700	566	290	312	1155
12043040	5 UNITS - 2"	272	204	1520	1560	700	566	290	312	1155
12043041	6 UNITS - 2"	272	204	1795	1835	700	566	290	312	1155
12043042	7 UNITS - 2"	272	204	2070	2110	700	566	290	312	1155
12043043	8 UNITS - 2"	350	204	2345	2410	780	608	312	334	1200
12043044	2 UNITS - 3"	311	230	715	745	785	571	265	307	1160
12043045	3 UNITS - 3"	311	230	930	990	785	571	265	307	1160
12043046	4 UNITS - 3"	311	230	1085	1220	785	621	290	332	1210
12043047	5 UNITS - 3"	311	230	1520	1560	785	621	290	332	1210
12043048	6 UNITS - 3"	311	230	1795	1860	785	661	310	352	1250
12043049	7 UNITS - 3"	311	230	2070	2135	785	661	310	352	1250
12043050	8 UNITS - 3"	311	230	2345	2410	785	661	310	352	1250

FILTRATION BANK HF-200

The BF-200 automatic disc filter bank is a double-body filter with large capacity that retains solid particles using discs. When a pressure drop is detected, the cleaning process is automatically activated, reversing the water flow to remove impurities.









MATERIAL CHARACTERISTICS

Filter: Polyamide reinforced with fiberglass

Discs (filter discs): Polypropylene or polyamide

Manifolds and connections: PP

Screws and metal parts: AISI stainless steel 304

Gaskets and seals: EPDM

Support: Painted carbon steel

OPERATING CHARACTERISTICS

Maximum pressure: 8 bar

Minimum pressure: 1.5 bar

Washing flow: (1.5 bar) - 20m3 hour

Maximum working flow: It will depend on the model and the pressure loss tables

MODELS

CODE	MODEL	COLLECTOR	CONNECTION	SURFACE	RRP (€)
12043051	3 UNITS - 3"	200	FLANGE	9720	6400
12043052	4 UNITS - 3"	200	FLANGE	12960	7000
12043053	5 UNITS - 3"	200	FLANGE	16200	7900
12043054	6 UNITS - 3"	200	FLANGE	19440	9600
12043055	7 UNITS - 3"	200	FLANGE	22680	11200
12043056	8 UNITS - 3"	200	FLANGE	25920	**12800**

ACCESSORIES



CLEANING SCHEDULER

SEE PAGE



LONG DISTANCE SOLENOID

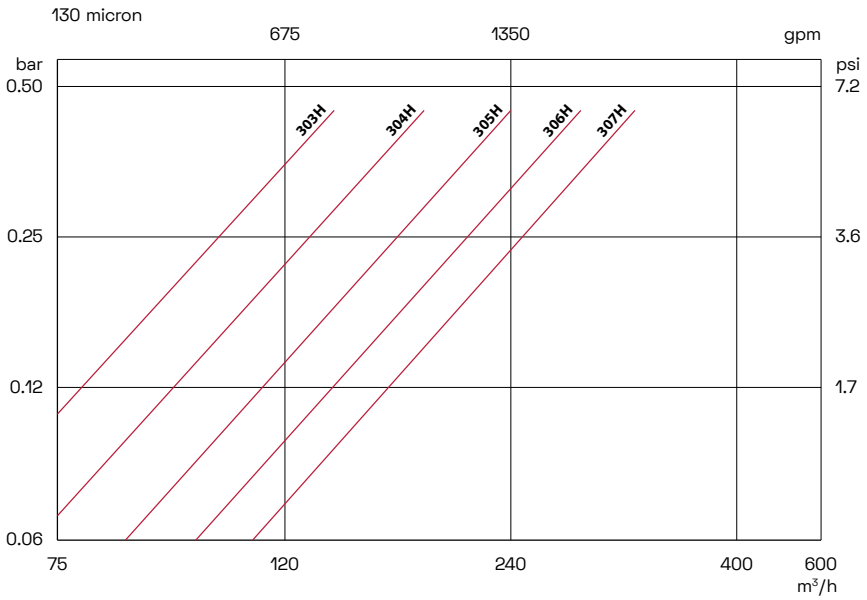
SEE PAGE



metal base solenoid

SEE PAGE

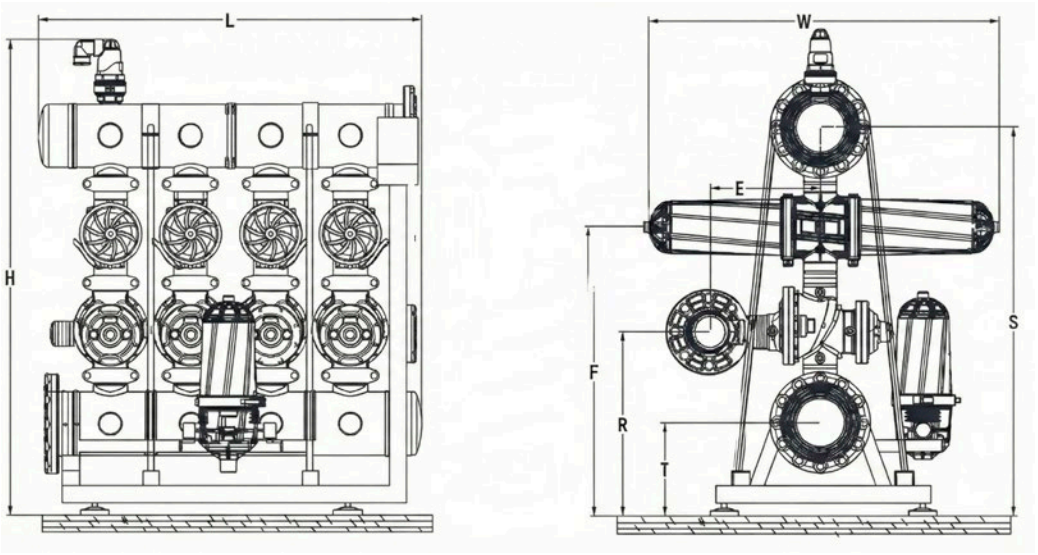
PRESSURE LOSS



FILTRATION - WATER QUALITY

MODEL (UNITS)	AGUA BUENA	AGUA MEDIA	BAD WATER
3 UNITS - 3"	135 M³/H	120 M³/H	105 M³/H
4 UNITS - 3"	180 M³/H	160 M³/H	140 M³/H
5 UNITS - 3"	225 M³/H	200 M³/H	175 M³/H
6 UNITS - 3"	270 M³/H	240 M³/H	210 M³/H
7 UNITS - 3"	315 M³/H	280 M³/H	245 M³/H
8 UNITS - 3"	360 M³/H	320 M³/H	280 M³/H

DIMENSIONS



FILTER UNITS	COLLECTOR MAIN	FLOW RATE MAXIMUM	L	H	T	R	S	W	E	F
3"X3/4	8"-200	135 M³/H	1260	1520	280	560	1185	980	350	865
3"X4	8"-200	180 M³/H	1260	1520	280	560	1185	980	350	865
3"X5	8"-200	225 M³/H	1470	1520	280	590	1275	980	350	895
3"X6	8"-250	270 M³/H	1810	1520	280	590	1275	980	350	895
3"X7	8"-250	315 M³/H	2360	1520	280	590	1275	980	350	895
3"x8	8"-250	360 m³/h	2360	1520	280	590	1275	980	350	895

SEMI-AUTOMATIC FILTRATION BANK

Bank of 3-inch disc filters with manual three-way valves. Backwashing is started by operating the lever and uses water pressure to clean the filter, without a controller or solenoids.









SYSTEM FEATURES
Filters: 3-inch units.

Banks: 2 to 8 filters.
Valves: manual, three-way.

Manifolds: DN100 (2 and 3 filters); DN150 (4 to 6 filters); DN200 (7 and 8 filters).

Connection: flanged, for models with 2 to 8 filters.

Cleaning: manually initiated hydraulic backwash.

OPERATING FEATURES

Maximum pressure: 8 bar.

Minimum backwash pressure: 1,2 bar at the outlet.

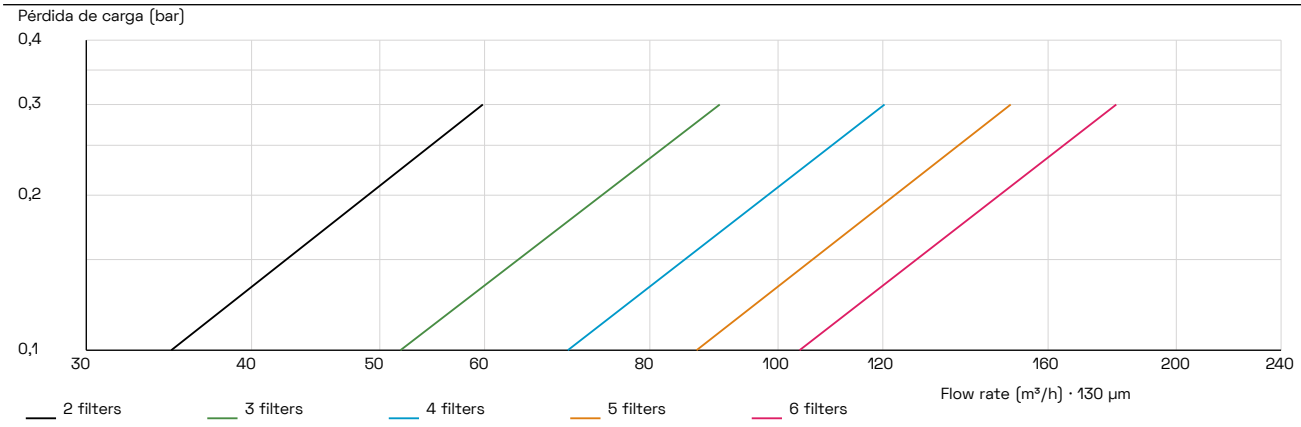
Minimum backwash flow: 8 m³/h per filter.

MODELS

CODE	MODEL	COLLECTOR	CONNECTION	Q MAX. (M³/H)	RRP (€)
12043062	2 UNITS - 3"	DN100	FLANGE	60	2.132,00
12043063	3 UNITS - 3"	DN100	FLANGE	90	2.873,00
12043064	4 UNITS - 3"	DN150	FLANGE	120	3.764,00
12043065	5 UNITS - 3"	DN150	FLANGE	150	4.455,00
12043066	6 UNITS - 3"	DN150	FLANGE	180	5.646,00
12043067	7 UNITS - 3"	DN200	FLANGE	210	6.137,00
12043068	8 UNITS - 3"	DN200	FLANGE	240	7.028,00

Prices per bank. VAT not included. IFLOW references and data for 7 and 8 filters pending confirmation.

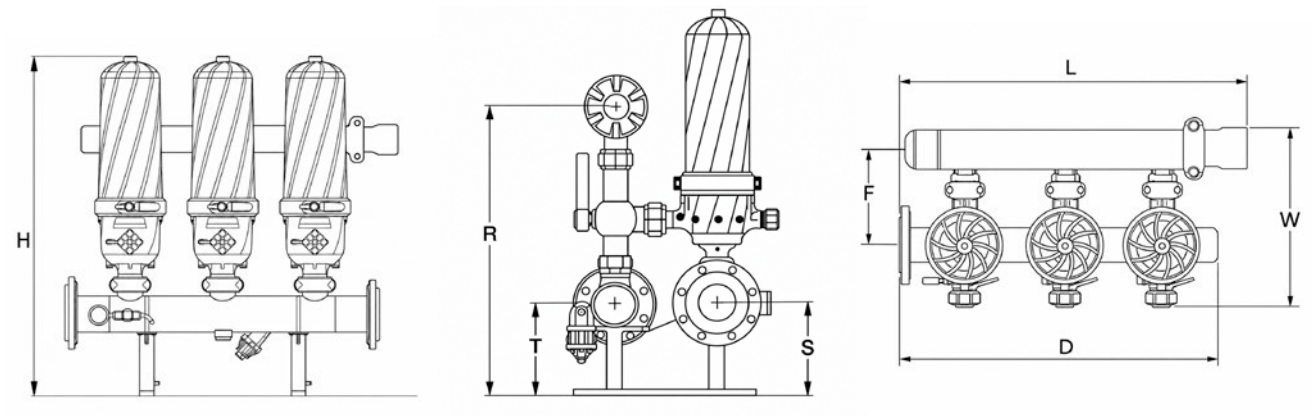
PRESSURE LOSS



HYDRAULIC DATA

MODEL	COLLECTOR	MAX FLOW.	CONNECTION
2 UNITS - 3”	DN100	60 M³/H	FLANGE
3 UNITS - 3”	DN100	90 M³/H	FLANGE
4 UNITS - 3”	DN150	120 M³/H	FLANGE
5 UNITS - 3”	DN150	150 M³/H	FLANGE
6 UNITS - 3”	DN150	180 M³/H	FLANGE
7 UNITS - 3”	DN200	210 M³/H	FLANGE
8 UNITS - 3”	DN200	240 M³/H	FLANGE

DIMENSIONS · 3-INCH MODELS



CODE	MODEL	F	E	D	L	W	R	T	S	H
12043062	2 UNITS - 3”	311	230	715	745	785	1000	265	307	1160
12043063	3 UNITS - 3”	311	230	930	990	785	1000	265	307	1160
12043064	4 UNITS - 3”	311	230	1085	1220	785	1000	290	332	1210
12043065	5 UNITS - 3”	311	230	1520	1560	785	1000	290	332	1210
12043066	6 UNITS - 3”	311	230	1795	1860	785	1000	310	352	1250
12043067	7 UNITS - 3”	311	230	2070	2135	785	1000	310	352	1250
12043068	8 UNITS - 3”	311	230	2345	2410	785	1000	310	352	1250

BACKWASH VALVE HV-300

The HV-300 backwash valve is a valve mainly designed for cleaning automatic filters, with low pressure loss and with one inlet and two flow directions with the possibility of controlling with air and water.







MATERIAL CHARACTERISTICS

Body: made of strong and durable polyamide (PA).

Membrane and gaskets: EPDM,

Internal components: springs, seats and stainless steel screws.

OPERATING CHARACTERISTICS

Working pressure: from 0,7 to 10 bar, suitable for filtration and hydraulic control systems.

Hydraulic connections: available in 2" to 4" type **VIC.**

Flow direction: can be installed at an angle or in a straight line.

MODELS

CODE	SIZE	CONNECTION	FLUJO	UNITS/BOX	RRP (€)
40001362	2" X 2" X 2"	VICTAULIC	RECTO	2	**234**
40001363	2" x 2" x 2"	VICTAULIC	ANGLE	2	**234**
40001364	3" x 3" x 3" (2")	VICTAULIC	RECTO	1	**444**
40001365	3" x 3" x 3" (2")	VICTAULIC	ANGLE	1	**444**
40001366	4" x 4" x 4"	VICTAULIC	RECTO	1	**590**
11020002		ADAPTER 2" VICTAULIC THREAD			**15**
11020003		ADAPTER 3" THREAD-VICTAULIC			**32**

ACCESSORIES





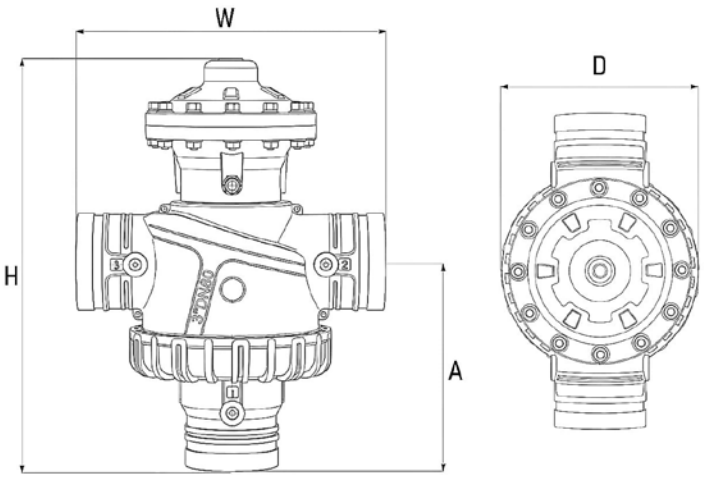


SLOTTED CLAMP		
CODE	MODEL	RRP (€)
40001307	2"	**12**
12040041	3"	**15**

VIC THREAD ADAPTER		
CODE	MODEL	RRP (€)
11020002	2"	**15**
11020003	3"	**32**

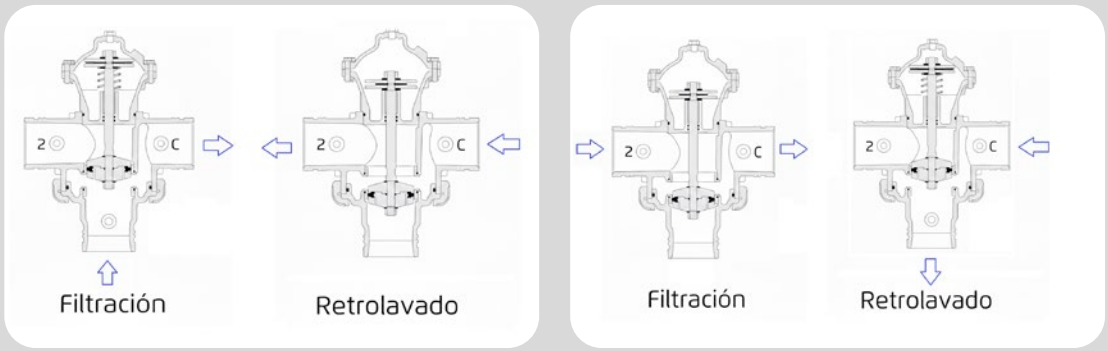
butterfly valve
SEE PAGE

DIMENSIONS



SIZE	D	H	W	A
2” x 2” x 2”	160	258	180	127
3” x 3” x 3” (2”)	192	378	287	189
4” x 4” x 4”	260	464	318	225

INFORMATION



STRAIGHT VALVE FLOW ANGLE VALVE FLOW

ABRAZADERA RANURADA PLASTICA

The slotted clamp is a type of two-piece coupling used to make quick and secure connections in pipe. Its function is to join two ends of grooved pipe or equipment such as a filter, using a gasket to ensure a watertight seal. Easy and quick assembly.







MATERIAL CHARACTERISTICS

Body: PP (polypropylene)

Gasket: in EPDM

Screws: stainless steel

OPERATING CHARACTERISTICS

Maximum Pressure: 20Bar

Easy installation

Diameters: Available in 2" and 3"

MODELS

CODE	DN	RRP (€)
40001307	2"	12
12040041	3"	15

ACCESSORIES

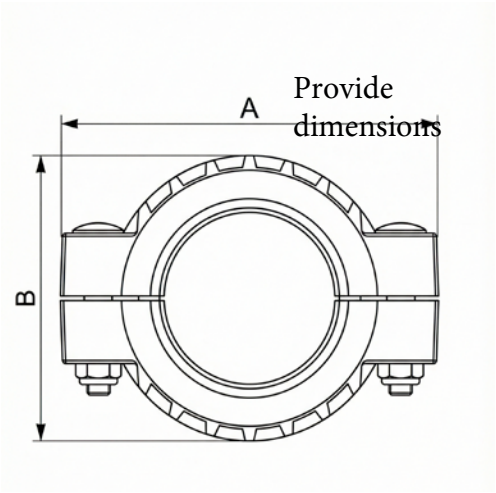


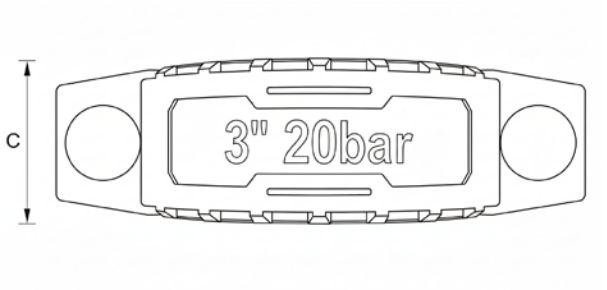
VIC THREAD ADAPTER		
CODE	MODEL	RRP (€)
11020002	2"	**15**



PVC valve 3 ways		
CODE	MODEL	RRP (€)
11030002	3"	**98**

DIMENSIONS





SIZE	A	B	C
2”	130	90	41
3”	160	120	43

HYDRAULIC FILTER HF-150

The HF-150 self-cleaning mesh filter is a filtration system designed to operate continuously without the need for electrical power, using the system's hydraulic pressure and a cleaning manifold with suction nozzles close to the mesh. Self-cleaning is automatically activated when a preset pressure differential is reached.







MATERIAL CHARACTERISTICS

Body: Carbon steel

Mesh: Stainless steel 316

Lids: Polypropylene (PP)

Cleaning nozzles: Polymer.

External coating: Heavy weight epoxy paint

PERFORMANCE CHARACTERISTICS

Cleaning type: Hydraulic suction

Cleaning activation: Automatic by differential pressure, time or manual

Maximum working pressure: 10 bar

Minimum pressure for self-cleaning: 2.5 bar

Working flow: From 100 m³/h to 320 m³/h, depending on model

MODELS

CODE	SIZE	FLANGE	FLOW RATE (M3/H)	PRESSURE MAXIMA	PRESSURE MINIMUM	CTM 2	RRP (€)
12051010	4" S	100	100	8 BAR	2.5 BAR	3951	**3100**
12051011	6"	150	180	8 BAR	2.5 BAR	5268	**4800**
12051012	6"S	150	220	8 BAR	2.5 BAR	7902	**5900**
12051013	8"	200	320	8 BAR	2.5 BAR	7902	**6600**

ACCESSORIES



CLEANING SCHEDULER		
CODE	VOLTAGE	RRP (€)
12042003	LATCH	**390**

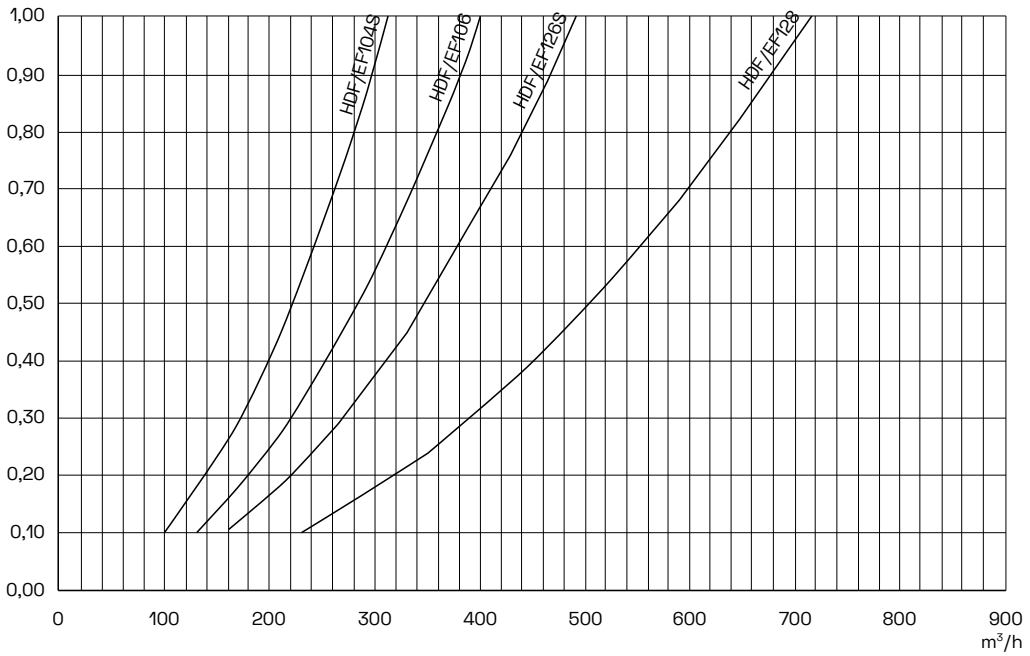


LONG DISTANCE SOLENOID		
CODE	MODEL	RRP (€)
11021039	LATCH	**48**

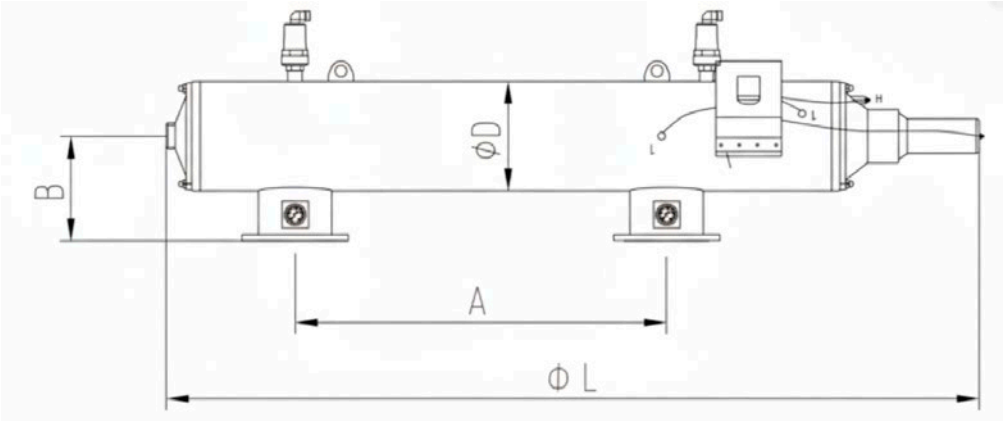


butterfly valve
SEE PAGE

PRESSURE LOSS



DIMENSIONS



CODE	SIZE	FLANGE	A (MM)	B (MM)	L (MM)	D (INCH)		SURFACE (CM²)	Weight (kg)
12051010	4" S	100	600	287	1800	10	4,1	3951	81
12051011	6"	150	900	287	2110	10	5	5268	93
12051012	6" S	150	1100	312	2510	12	6,6	7902	130
12051013	8"	200	1100	312	2510	12	6,6	7902	133

FILTRATION TABLE

MODEL	HIGH QUALITY	MEDIUM QUALITY	LOW QUALITY
4S	80 m3/h	60 m3/h	40 m3/h
6"	100 m3/h	80 m3/h	70 m3/h
6"S	160 m3/h	110 m3/h	90 m3/h
8	190 m3/h	130 m3/h	110 m3/h

HYDRAULIC FILTER HF-100

The HF-100 self-cleaning mesh filter is a filtration system designed to operate continuously without the need for electrical power, using the system's hydraulic pressure and a cleaning manifold with suction nozzles close to the mesh. Self-cleaning is automatically activated when a preset pressure differential is reached.







MATERIAL CHARACTERISTICS

Body: Carbon steel

Mesh: Stainless steel 316

Lids: Polypropylene (PP)

Cleaning nozzles: Technical polymer

External coating: Heavy weight epoxy paint

PERFORMANCE CHARACTERISTICS

Type of cleaning: Hydraulic suction.

Cleaning activation: Automatic by differential pressure, time or manual

Maximum working pressure: 10 bar

Minimum pressure for self-cleaning: 2.5 bar

Filtration degree: Available 130 microns

Installation: Vertical

MODELS

CODE	SIZE	FLANGE	M3/H	PRESSURE MAXIMA	PRESSURE MINIMUM	CTM 2	RRP (€)
12050004	3"	80	40	8 BAR	2.5 BAR	1317	2010
12050005	3"S	80	50	8 BAR	2.5 BAR	1975	2320
12050006	4"	100	70	8 BAR	2.5 BAR	1975	2598

ACCESSORIES





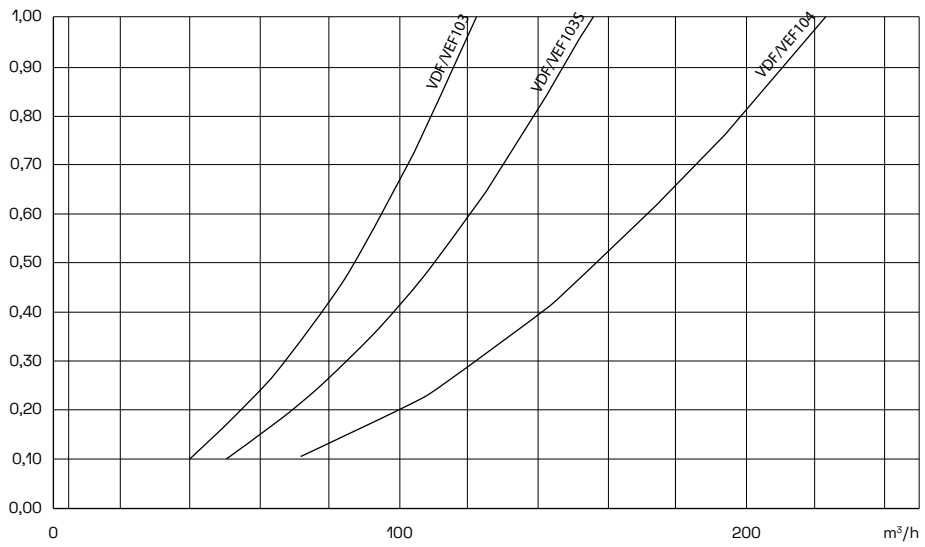


CLEANING SCHEDULER		
CODE	VOLTAGE	RRP (€)
12042003	LATCH	**390**
12042004	24V/AC	**415**

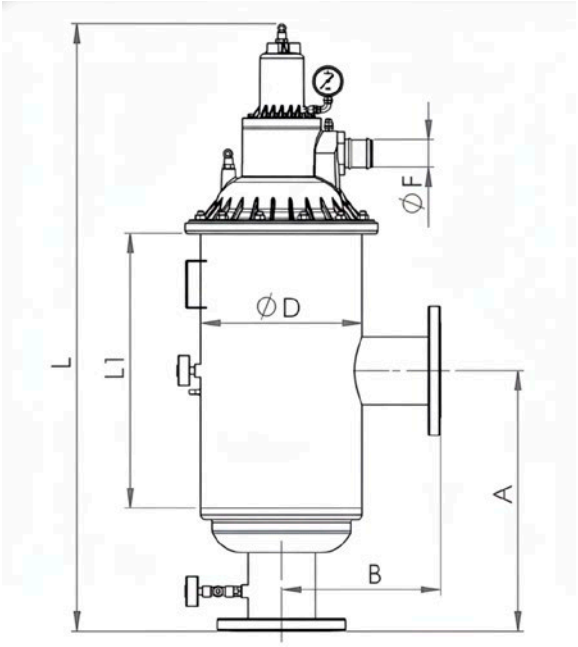
LONG DISTANCE SOLENOID		
CODE	MODEL	RRP (€)
11021039	LATCH	**48**
11021032	LATCH	**48**
11021038	24/AC	**52**

butterfly valve
SEE PAGE

PRESSURE LOSS



DIMENSIONS



SIZE	FLANGE	A (MM)	B (MM)	L1 (MM)	L (MM)	D (INCH)	F (INCH)	WASHING (M³/H)	FLOW RATE MAX (M³/H)	SURFACE (CM²)	Weight (kg)
3"	80	390	270	365	920	10	2	12	40	1317	35
3"S	80	440	270	465	1020	10	2	18	50	1975	40
4"	100	440	270	465	1020	10	2	18	70	1975	45

FILTRATION TABLE

MODEL	HIGH QUALITY	MEDIUM QUALITY	LOW QUALITY
3"	50 M3/H	30 M3/H	20 M3/H
3"S	70 M3/H	50 M3/H	30 M3/H
4"	80 m3/h	60 m3/h	40 m3/h

SAND FILTER SM-100

The SM-100 sand filter is designed for the filtration of the most complicated waters. Use a layer of silica sand. Its main feature is the internal drainage and distribution system by collecting arms, which ensures uniform filtration and efficient backwashing.







MATERIAL CHARACTERISTICS

Body and Tanks: Carbon steel, with epoxy paint coating

Top Cover: Steel, PEDM gaskets

Collector arms: Technical plastic OPERATING

CHARACTERISTICS

Cleaning Type: Automatic hydraulic backwash (activated by pressure differential or time)

Maximum Working Pressure: 8 bar (0,6 MPa)

Minimum Working Pressure: 2,5 bar

Standard Working Flow Rate: 30 to 250 m³/h.

MODELS

CODE	SIZE	CONNECTION	AREA FILTRATION (CM²)	M3/H	KG	ARENA KG	RRP (€)
12044001	1-1/2"	THREAD	1.962	15	45	175	865
12044002	2"	THREAD	4.415	30	76	350	1045
12044003	3"	FLANGE	7.084	50	130	600	1722
12044004	4"	FLANGE	11.304	70	180	1.100	2683
12044005	6"	FLANGE	15.386	115	284	1.500	3900

ACCESSORIES



SLOTTED CLAMP		
CODE	MODEL	RRP (€)
40001307	2"	12
12040041	3"	15

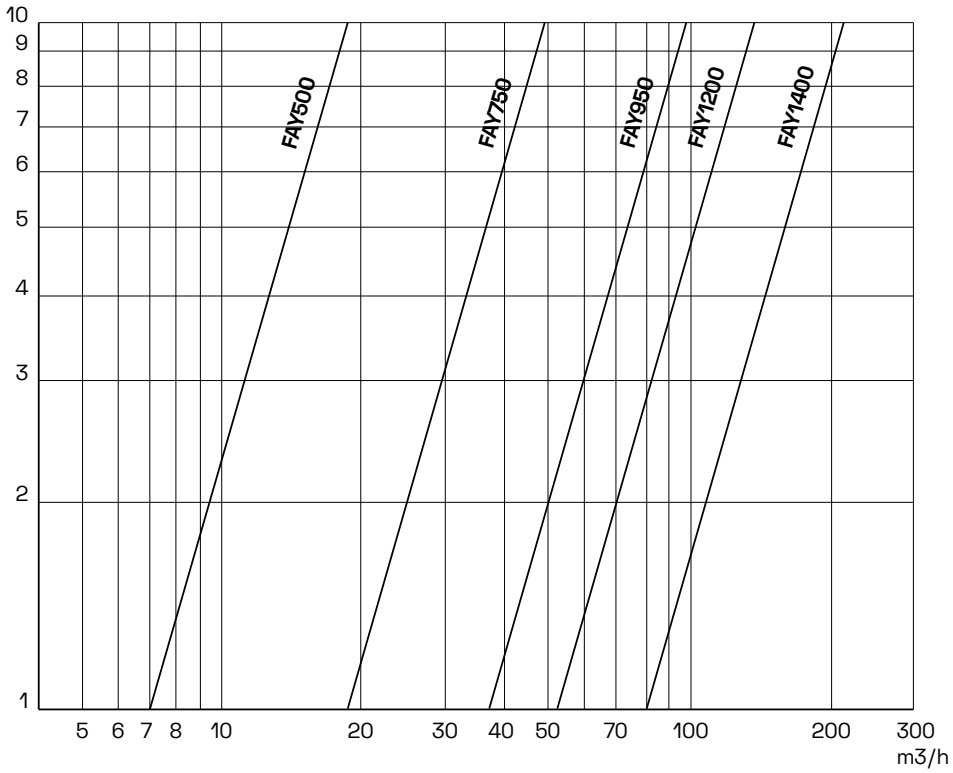


BACKWASH VALVE		
CODE	FLUJO	RRP (€)
40001362	STRAIGHT 2"	234
40001364	STRAIGHT 3"	444

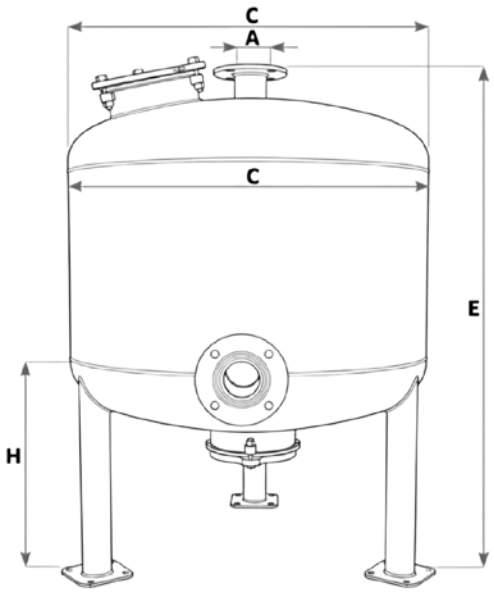


butterfly valve
SEE PAGE

PRESSURE LOSS



DIMENSIONS



A	C	E	H
1 ½'' THREAD	500	970	440
2'' THREAD	750	1195	515
3'' FLANGE	950	1335	545
4'' FLANGE	1.200	1365	525
6'' FLANGE	1.400	1.620	600

METAL HYDROCYCLONE HC-100

The metal hydrocyclone is designed for the separation of solid particles from water by centrifugal force. Its internal structure generates a spiral flow that propels the particles towards the walls of the cone, directing them to the lower collector, while clean water exits through the upper part.







MATERIAL CHARACTERISTICS

Body and Cone: Carbon steel

External and Internal Coating: Epoxy paint

Other Metal Parts: Steel

OPERATING CHARACTERISTICS

Separation Type: Centrifugal (without filter elements)

Maximum working pressure: 10 bar.

Recommended Operating Pressure: 5 bar

Typical Head Loss: 0.2, 0.5 bar.

Standard Working Flow: From 5 m³/h to 50 m³/h (depending on model)

Maintenance: Manual cleaning using lower purge valve

MODELS

CODE	SIZE	CONNECTION	M3/H	RRP (€)
12045001	1-1/2"	THREAD	8-15	426
12045002	2"	THREAD	15-28	433
12045003	2-1/2"	FLANGE	28-45	643
12045004	3"	FLANGE	45-60	739

ACCESSORIES



butterfly valve

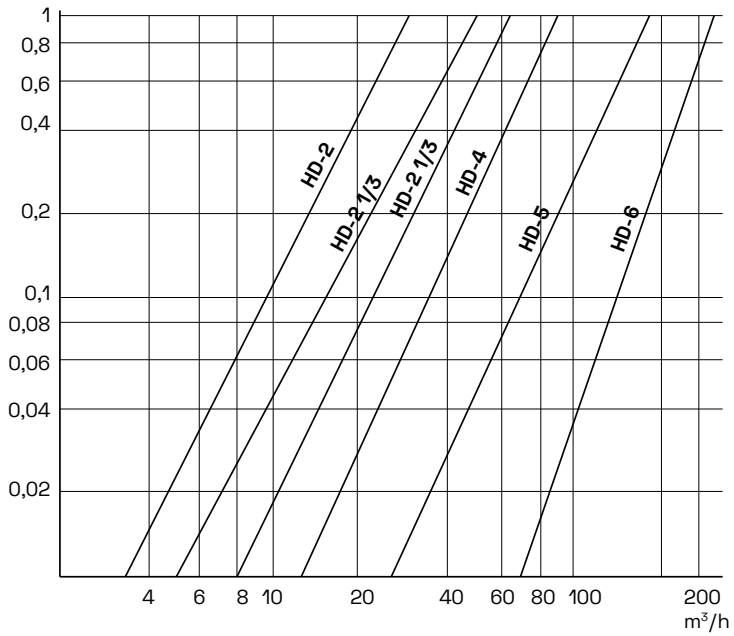
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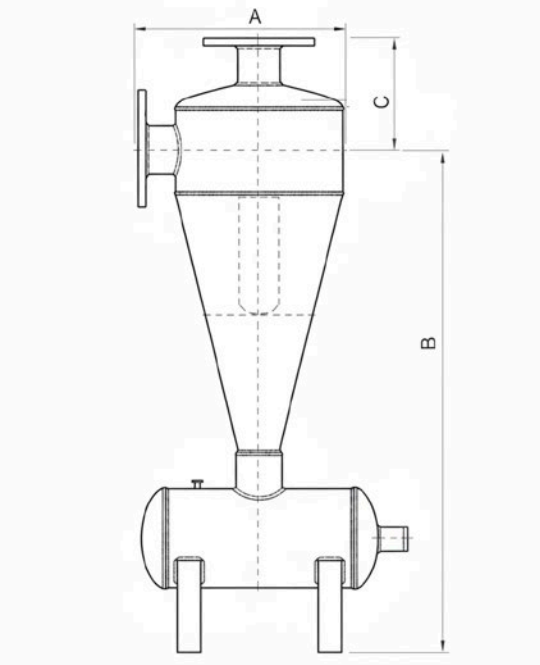
ONIX TRIPLE EFFECT AIR VALVES

SEE PAGE

PRESSURE LOSS



DIMENSIONS



MODEL	A	B	C	WEIGHT KG
1" ROSCA	140	660	125	8
1 ½" THREAD	220	620	130	12
2" THREAD	250	700	160	15
2 ½" BRIDA	280	850	180	26
3" FLANGE	320	1.000	210	32
4" FLANGE	500	1.210	300	56
5" BRIDA	600	1.540	325	90

PLASTIC HYDROCYCLONE HC-200

The plastic hydrocyclone is designed for the separation of solid particles from water using centrifugal force. Its internal structure generates a spiral flow that propels the particles towards the walls of the cone, directing them to the lower collector, while clean water exits through the upper part.







MATERIAL CHARACTERISTICS

Body and Cone: PP + Fiberglass

Other Metal Parts: Union clamp GGG40

OPERATING CHARACTERISTICS

Separation Type: Centrifugal (without filter elements)

Maximum Working Pressure: 8 bar

Recommended Operating Pressure: 5 bar

Typical Head Loss: 0.2 , 0.5 bar

Standard Working Flow: From 5 m³/h to 50 m³/h (depending on model)

Maintenance: Manual cleaning using lower purge valve

MODELS

CODE	SIZE	CONNECTION	M3/H	RRP (€)
12045009	2" PP	FLANGE	15 - 28	436
12045011	3" PP	FLANGE	45 - 60	667
12045012	4" PP	FLANGE	60 - 75	**942**

ACCESSORIES



butterfly valve

SEE PAGE

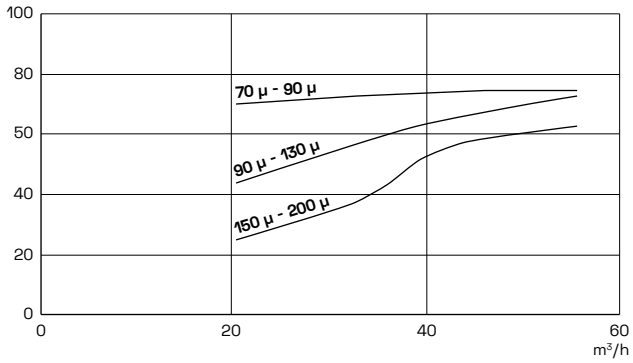


ONIX TRIPLE EFFECT AIR VALVES

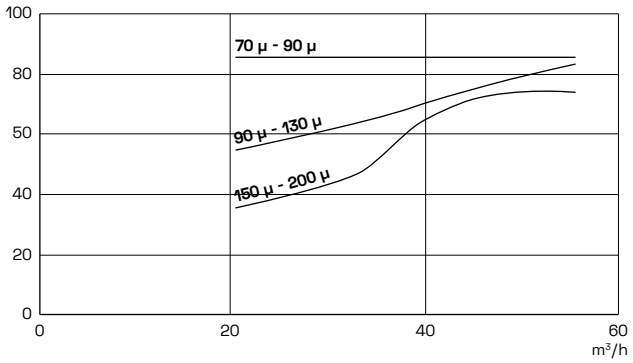
SEE PAGE

Separation efficiency

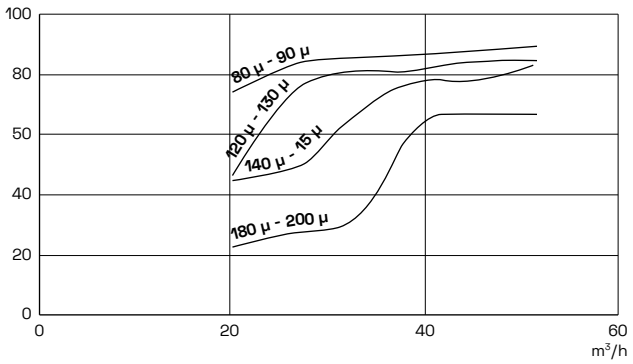
2" CENTRIFUGAL SEPARATION EFFICIENCY DIAGRAM



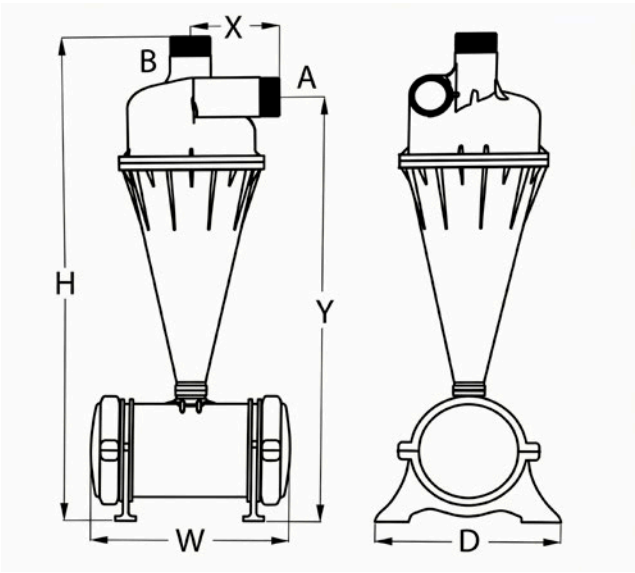
3" CENTRIFUGAL SEPARATION EFFICIENCY DIAGRAM



4" CENTRIFUGAL SEPARATION EFFICIENCY DIAGRAM



DIMENSIONS



DN	H (MM)	W (MM)	D (MM)	X (MM)	Y (MM)
2"	1100	490	430	180	963
3"	1220	490	430	205	1070
4"	1440	520	524	250	1260

CLEANING PROGRAMMER ICD-200

The ICD-200 Cleaning Programmer is a modulating controller for 1 to 8 units designed for cleaning control of automatic filtration systems. It combines activation functions by time or by a built-in electronic differential pressure sensor. The model can be DC or AC with a keyboard for configuring parameters such as wash time and cycle limits.







MATERIAL CHARACTERISTICS

Housing: ABS Plastic

Control Panel: Liquid Crystal Display (LCD) and integrated keyboard.

Internal components: Electronic differential pressure sensor and internal circuits. OPERATING

CHARACTERISTICS

Pressure Difference Setting (DP SET): Range from 0.1 to **1.0 BAR.**

Activation Modes: By Pressure Difference (DP), by Interval Time, or by Manual Operation.

Power (DC Model): 1.5 V alkaline bank (4 units).

Power (AC Model): 110 V or 220 V (50 Hz or 60 Hz) with built-in 24 V AC transformer.

MODELS

CODE	OUTPUT	CAJA	VOLTAGE	UNITS/BOX	RRP (€)
12042003	2	PARED	9-12V LATCH	1	390
12042004	2	PARED	24V/AC	1	415

ACCESSORIES



cleaning programmer support		
CODE	MODEL	RRP (€)
14112014	SUPPORT	**30**

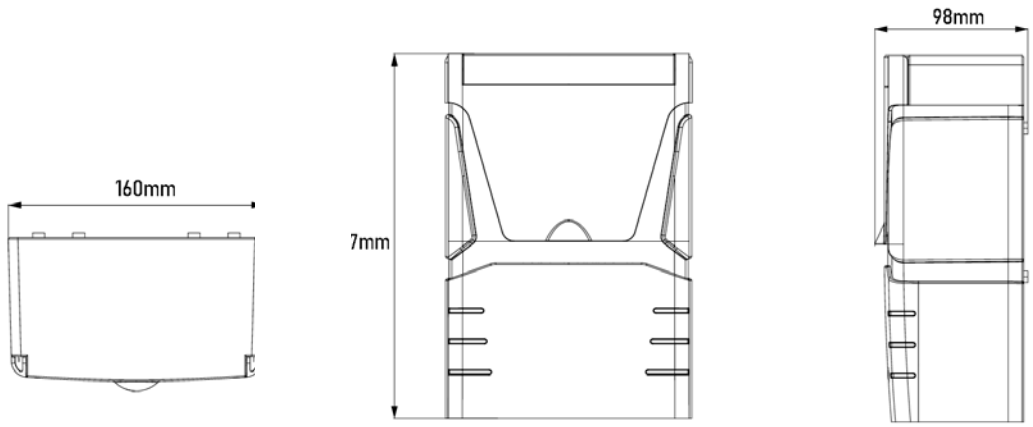


expansion card 2 outputs		
CODE	MODEL	RRP (€)
11023008	LATCH	**50**
11023009	24V/AC	**50**



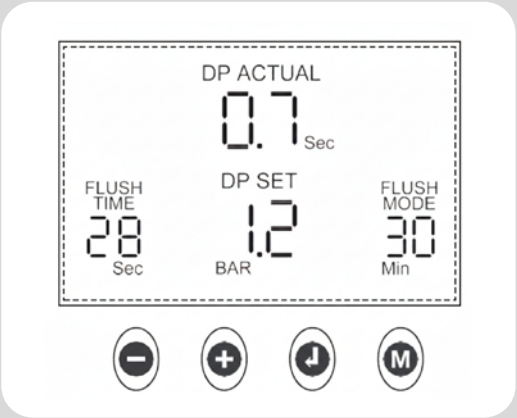
LONG DISTANCE SOLENOID		
CODE	MODEL	RRP (€)
11021039	LATCH	**48**
11021032	LATCH	**48**
11021038	24/AC	**52**

DIMENSIONS



MEASURES	ALTO	ANCHO	DEEP
MM	237	160	98

INFORMATION



Enter button (Return arrow symbol): Activates editing mode: When pressed, the cursor will start flashing under the field that can be edited at that moment.

Navigation and Confirmation: Pressing ENTER again confirms the changes made to the current field and the cursor moves to the next editable field to continue configuration. Completion: It must be pressed several times until the cursor reaches the "time" and stops flashing to exit the editing mode and return to the operation interface.

"+" and "-" buttons: Value adjustment: Used to increase or decrease the numerical value of the field that is currently flashing.

Mode Button (Symbol "M"): Manual/Automatic operation modes outside of the setup menu. Configurable parameters on screen

Through these buttons you can manage the following fields visible in the diagram:

DP SET: Allows you to set the desired differential pressure value to activate the wash. FLUSH TIME: Set the duration or flushing time for each filter. FLUSH MODE / INTERVAL: Sets the interval time between backwashes if it is not activated by differential pressure.

DANFOSS DIFFERENTIAL PRESSURE SWITCH

The main function of the Danfoss CAS 155 is to monitor the pressure difference between two points of a system and activate or deactivate an electrical circuit when that difference reaches a preset value, mainly used for automatic filtration systems.







MATERIAL CHARACTERISTICS

Body/housing: Cast and enamelled aluminum.

Spring: stainless steel.

Pressure connection: nickel-plated brass

Internal gaskets/seals: Nitrile-butadiene rubber (NBR).

OPERATING CHARACTERISTICS

Contact Type: SPDT Micro Switch (Single Pole Change)

Contact load: Alternating current AC-14 / AC-15: 0,1 A to 220 V; DC continuous current- 13: 12 W to 125 V.

Typical pressure and temperature ranges: Diff pressure setting range: 0.2 - 2.5 bar

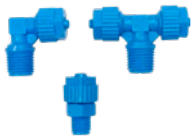
Reset function: Auto

Pressure connection type: Pressure connection: 1/4”

MODELS

CODE	MODEL	RRP (€)
12040009	DIFFERENTIAL PRESSURE SWITCH CAS155	336

ACCESSORIES



TEFEN ACCESSORY
SEE PAGE

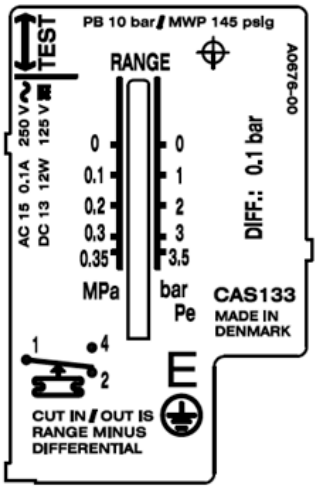


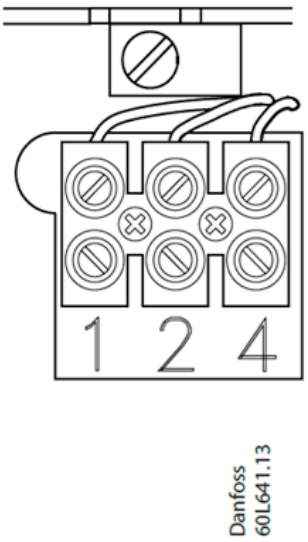
expansion card 2 outputs		
CODE	MODEL	RRP (€)
11030002	LATCH	98
11030001	24V/AC	106

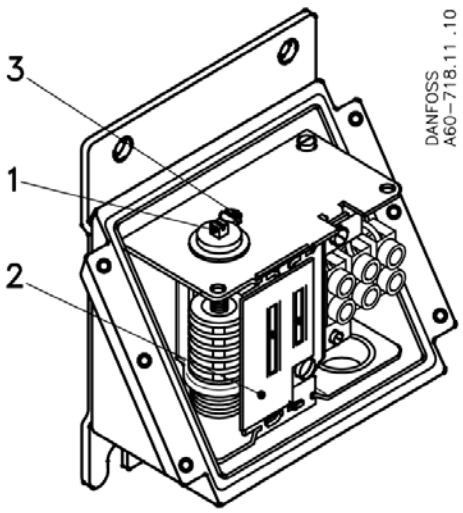


CLEANING SCHEDULER		
CODE	VOLTAGE	RRP (€)
11023078	LATCH	390
11023079	24V/AC	415

INFORMATION







1. Eje de rango

2. Range scale

3. Tornillo de bloqueo

MURPHY DIFFERENTIAL PRESSURE SWITCH

The Murphy differential pressure switch is designed to control the pressure difference between two points in a system, activating an electrical signal when the set value is exceeded.







MATERIAL CHARACTERISTICS

Body: Painted steel.

Lid: Transparent polycarbonate.

Sensing element: Beryllium copper diaphragm.

Pressure connections: Brass 1/8" NPT Male.

Screws: Stainless steel .

OPERATING CHARACTERISTICS

Measurement range: 0 – 1 bar (differential).

Maximum allowable pressure: 3,4 bar.

Maximum allowable differential pressure: 2 bar.

Switching capacity: 2 A / 30 V AC or DC.

Accuracy: ±3 % of full range.

Protection grade: IP 65.

MODELS

CODE	MODEL	RRP (€)
12040025	1/2"	**299**

ACCESSORIES



TEFEN ACCESSORY
SEE PAGE

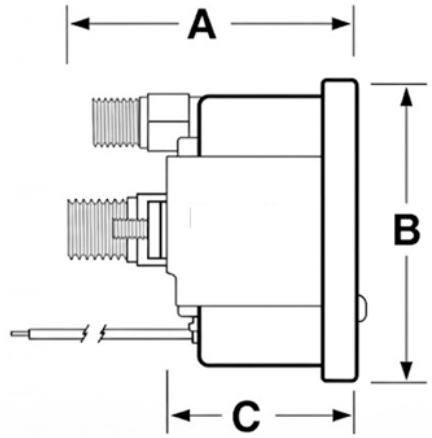


expansion card 2 outputs		
CODE	MODEL	RRP (€)
11030002	LATCH	**98**
11030001	24V/AC	**106**



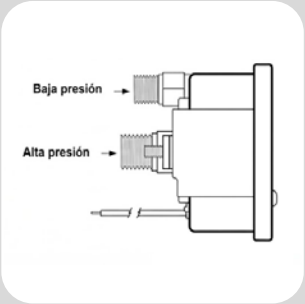
CLEANING SCHEDULER		
CODE	VOLTAGE	RRP (€)
11023078	LATCH	**390**
11023079	24V/AC	**415**

DIMENSIONS



A	B	C	D
56	33	**57**	**53**

INFORMATION



It has two entries on the back:

High Pressure Port: 1/8-27 NPTM connection. It connects to the higher pressure side of the system (before a filter, for example).

Low Pressure Port: Located above the main port on DP series models. It connects to the lower pressure side (after the filter).



Assembly Caution: When tightening fittings or pipes, a second wrench should not be used on the low pressure port. Prying this port can deform or destroy the internal measuring mechanisms.

MIXING

Agitation and storage systems

- Propeller agitators.
- Blower pumps.
- Tanks and probes
- Valves and connections



BACK TO CONTENTS

FLUID MIXING AND AGITATION SOLUTIONS









01 Electro agitators 220V, 380V, 12VDC, 24VDC

02 Blower pumps for continuous and discontinuous use

03 Truncated PAED tanks and bottles

Stainless steel probes, quick couplings, wall grommets 04

BLOWER PUMP RB-100

The RB-100 batch blower pump is a double turbine device for agitation in industrial fertigation tanks and other uses. This air agitator, unlike traditional agitators, a single agitator can act on different tanks simultaneously or alternatively.







MATERIAL CHARACTERISTICS

Motor: Copper and aluminum bearing

Axle: Aisi Steel 304

Housing: Reinforced plastic (PP or ABS)

OPERATING CHARACTERISTICS

Engine: 230 V and 6.4 A, with a power of 1.8 HP (1400w)

Flow rate: 140 mn3/h and 40 mBAR. With a back pressure of 1 m.c.a. we obtain a flow rate of 160mn3/h

Maximum working time: 40 seconds every 5 minutes

Output connection: DN50

Maximum working temperature: 60(ºc)

MODELS

CODE	POWER	TIPO	Q M3	MBAR	UNITS/BOX	RRP (€)
14110001	1.8 CV	SINGLE PHASE	140	40	6	**162**

ACCESSORIES

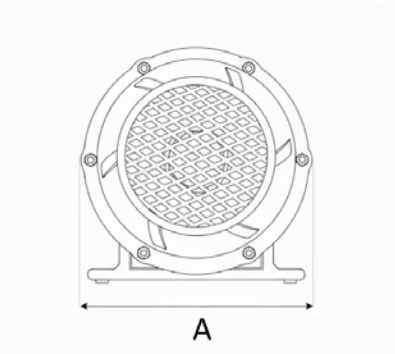


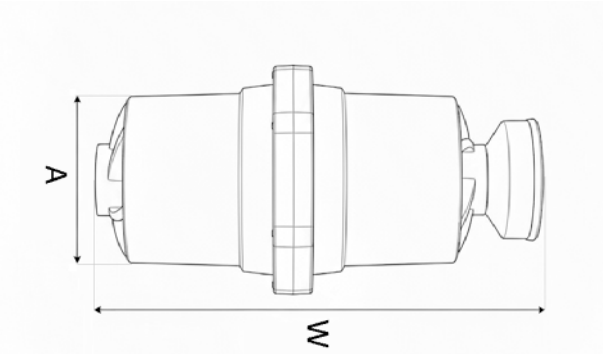
COLLECTOR 8 PVC OUTPUTS		
CODE	MODEL	RRP (€)
14110014	**COLLECTOR 8 OUTPUTS 19**	



DIGITAL ON - OFF TIMER		
CODE	MODEL	RRP (€)
11030036	12V DC	**100**
11030037	220V	**100**

DIMENSIONS



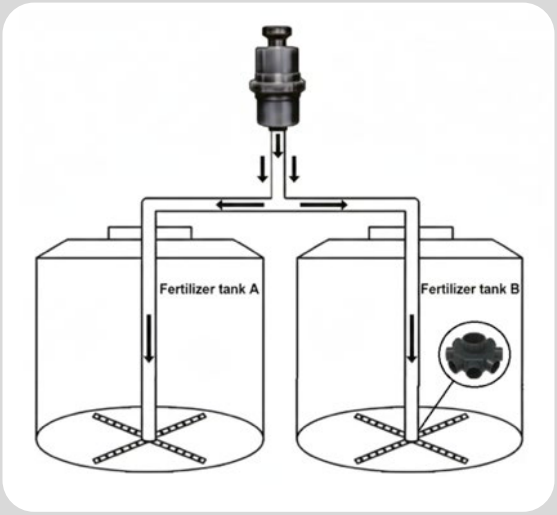


CODE	POWER	A	A2	W	KG
14110001	1.8 CV	17	14	37	4

INFORMATION

Air INSTALLATION

The pipe material can be rigid PVC glued directly to a DIN50 pipe. Its outlet must be located above the level of the liquid to be stirred, facilitating mixing.

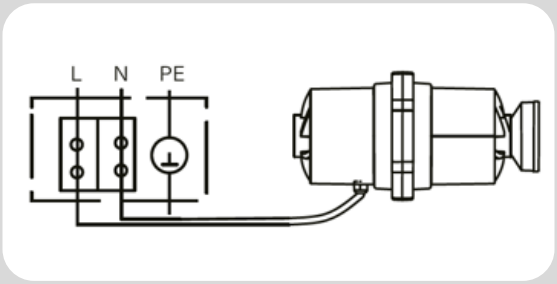


Electrical INSTALLATION

1º Añada agua al tanque de fertilizante hasta la required height (maximum 2 meters).

2º Operating cycle can be selected between one of the following modes:
1 Mode Runs for 10 seconds, pauses for 40 seconds.

2 Mode Runs for 1 minute, pauses for 5 minutes.



BLOWER PUMP RB-200

RB-200 blower pumps are ideal for processes such as agitation, chemical dissolution, aeration, oxidation, fermentation, drying, pneumatic conveying, fish farms, swimming pools and packaging plants.







MATERIAL CHARACTERISTICS

Construction: cast aluminum.

Aluminum guarantees lightness, high thermal conductivity and resistance to corrosion.

Monobloc structure improves rigidity and reduces vibrations during continuous operation.

Axles and hardware: stainless steel

OPERATING CHARACTERISTICS

Motors: three-phase or single-phase 0,5 to 4 Kw

Flow rates: up to 400 m³/h, overpressures of 500 mbar and vacuums of 440 mbar

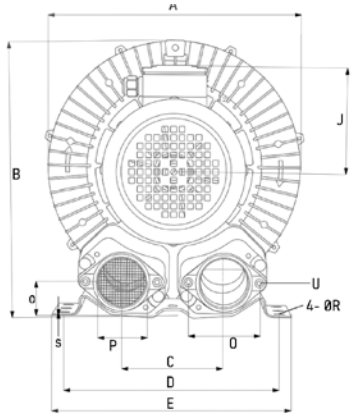
Maintenance-free.

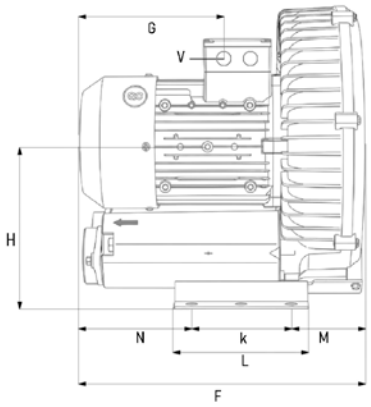
Operation at 50 Hz or 60 Hz.

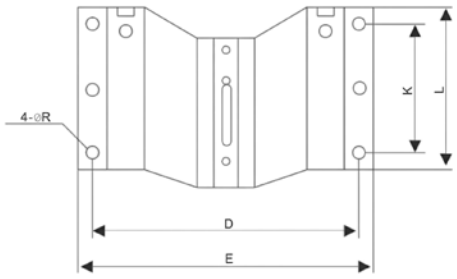
MODELS

MODEL POWER					PRESSURE		PESO	FLOW RATE	RRP (€)
CODE	WATS	KW	HP		MBAR	MBAR	KG	(M3/H)	
14110013	550	0,55	0,75		120	160	11,35	85	**320**
14110009	750	0,75	1	SINGLE PHASE 220V/50HZ	180	200	19	140	**364,35**
14110010	1100	1,1	1,5		210	230	23	180	**480,9**
14110011	1500	1,5	2		240	280	25	250	**618,45**
14110002	750	0,75	1		180	200	19,5	140	**364,35**
14110003	1100	1,1	1,5		210	230	24,25	180	**480,9**
14110012	1500	1,5	2	TRIFASICA 380V/50HZ	240	280	26,25	250	**618,45**
14110004	2200	2,2	3		330	360	29,45	310	**767,55**
14110005	3000	3	4		350	380	39	350	**892,5**
14110006	4000	4	5.5		410	450	54	400	**1207,5**

DIMENSIONS



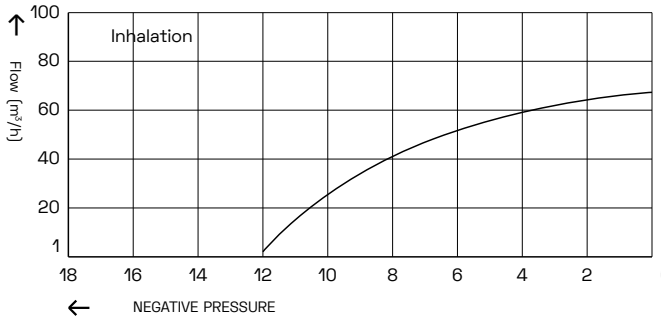




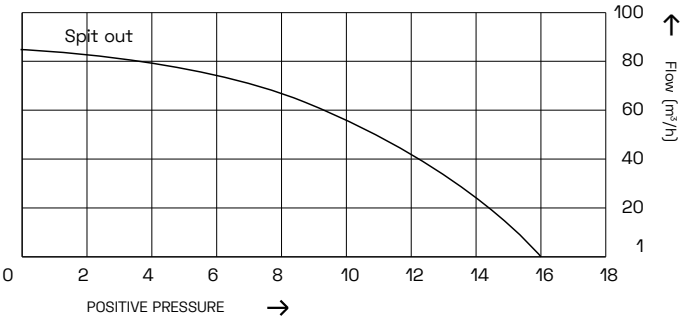
CV		A	B	C	D	E	F	G	H	J	K	L	O	P	R	S
0,75	0.55	268	272	95	208	235	278	150	140	133	83	158	40	40	10	3
1	0.75	287	306	114	224	255	302	178	153	150	95	130	45	50	10	3
1,5	1.1	335	338	118	275	305	328	170	175	163	140	190	50	60	12	3.5
2	1.5	335	340	118	275	305	345	190	175	163	140	190	50	60	12	3.5
3	2.2	385	390	130	290	305	369	212	215	190	140	234	70	60	12	3.5
4	3	375	393	135	298	330	402	160	220	205	140	234	85	60	12	3.5
5,5	4	420	470	145	305	330	420	133	220	220	193	234	85	74	12	3.5

PRESSURE LOSS

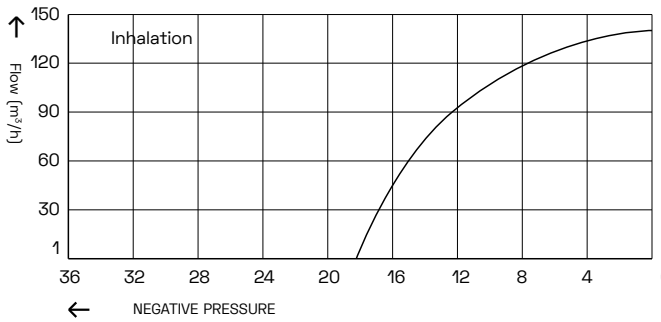
0,55 (KW)



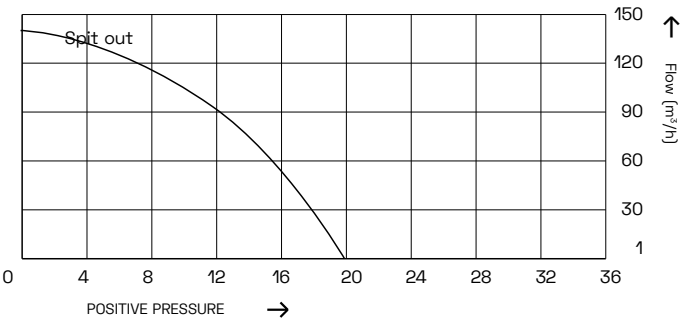
0,55 (KW)



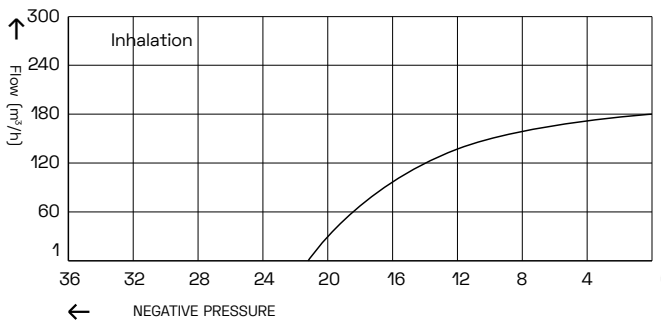
0,75 (KW)



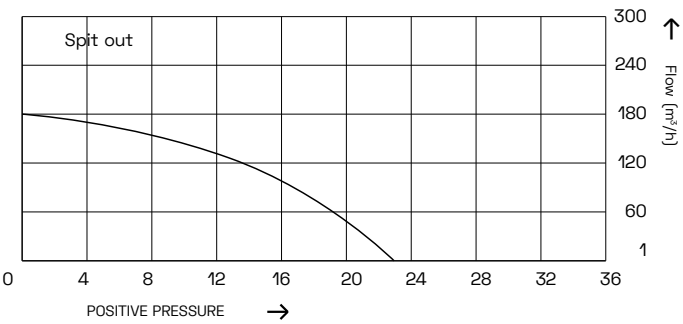
0,75 (KW)



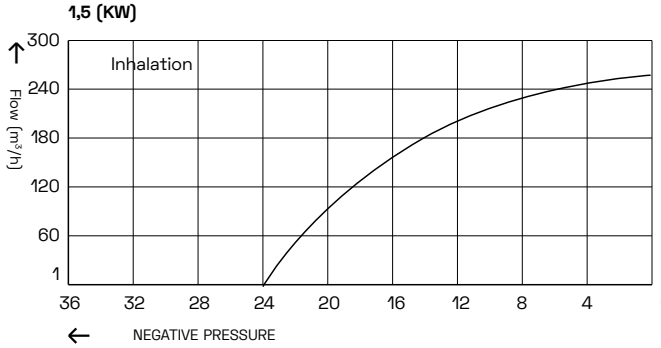
1,1 (KW)



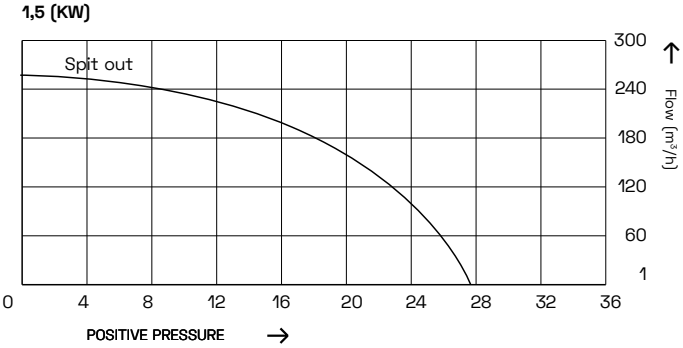
1,1 (KW)



1,5 (KW)

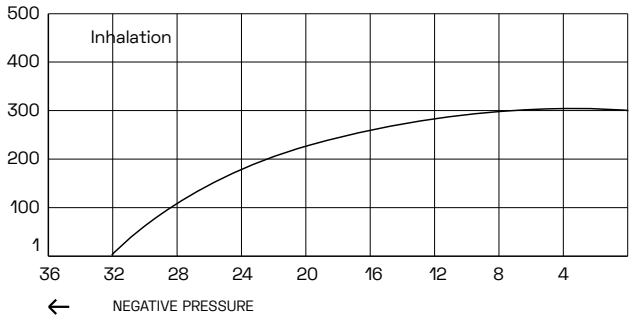


1,5 (KW)

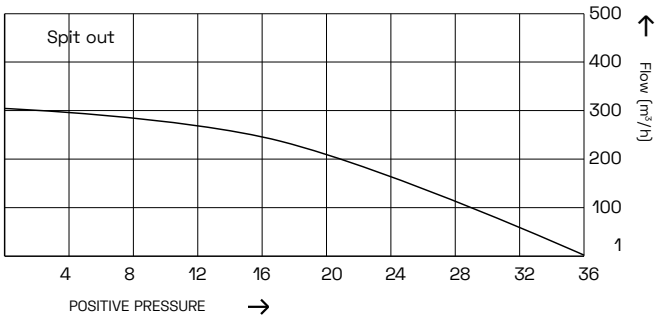


PRESSURE LOSS

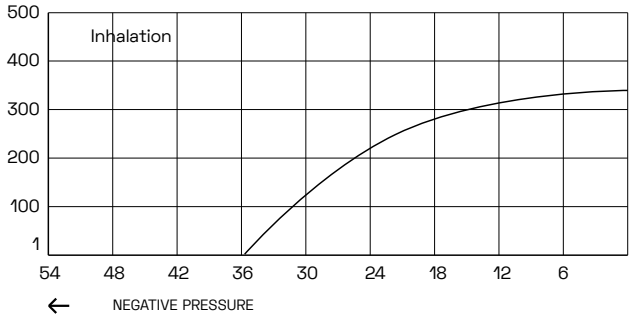
2,2 (KW)



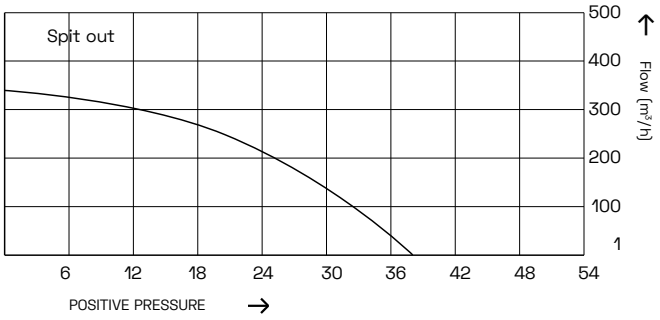
2,2 (KW)



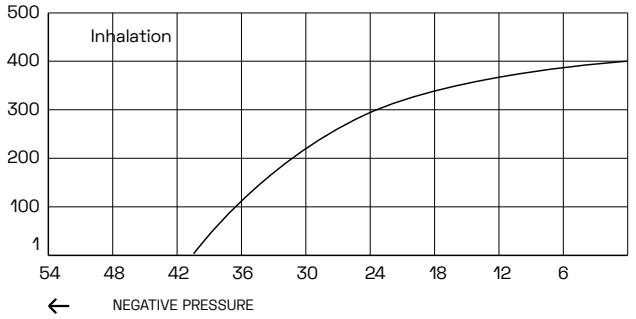
3 (KW)



3 (KW)



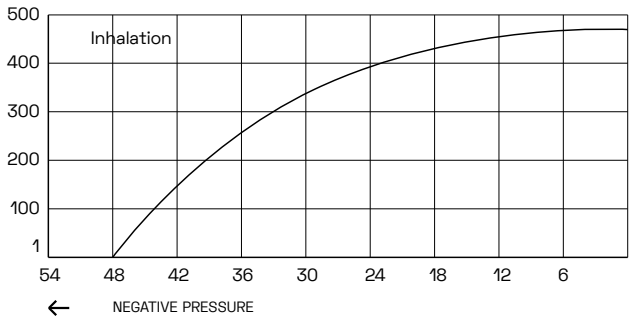
4 (KW)



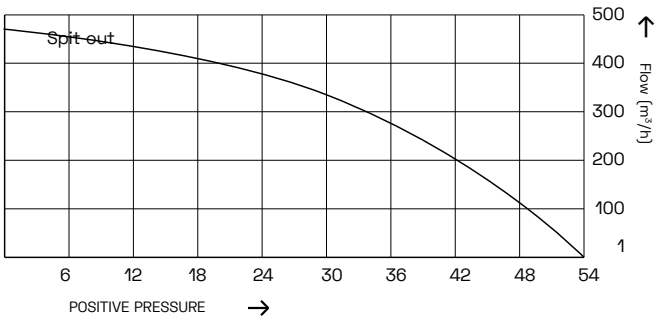
4 (KW)



5 (KW)



5 (KW)

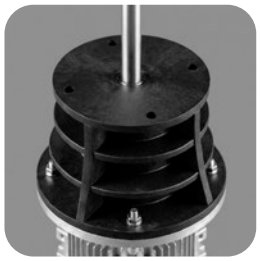


ELECTROAGITATORS MX-100

The MX-100 electric agitator is designed to mix fertilizers and chemicals in irrigation tanks. Prepared to resist corrosion from fertilizers, both the propeller and the shaft are made of stainless steel.







MATERIAL CHARACTERISTICS

Shaft: Stainless steel 316

Support: PP

Bearing: Steel

Motor link: Nylon with fiberglass

OPERATING CHARACTERISTICS

AC Motors (Single-Phase and Three-Phase): 0.75cv to 2cv

Rotation Speed (RPM): Available options of 900 laps/min and 1400 laps/min

Standard Axle: Axles available from 500 mm to 1400 mm (maximum standard length).

Long Axis (Reinforcement): From 1400 mm stainless reinforcement guide 316

MODELS

EJE	GUIA	POWER	MATERIAL	CODE SINGLE PHASE	RRP (€)	CODE THREE-PHASE	RRP (€) THREE-PHASE
1400		0.75CV	INOX	**14111016**	**590**	**14111015**	**490**
1500	1400	0.75CV	INOX	**14111019**	**650**	**14111026**	**590**
1600	1500	0.75CV	INOX	**14111020**	**700**	**14111027**	**640**
1700	1600	0.75CV	INOX	**14111021**	**750**	**14111028**	**690**
1800	1700	0.75CV	INOX	**14111022**	**800**	**14111029**	**740**

ACCESSORIES



STAINLESS LEVEL PROBE		
CODE	MODEL	RRP (€)
759000150	1,5M	145

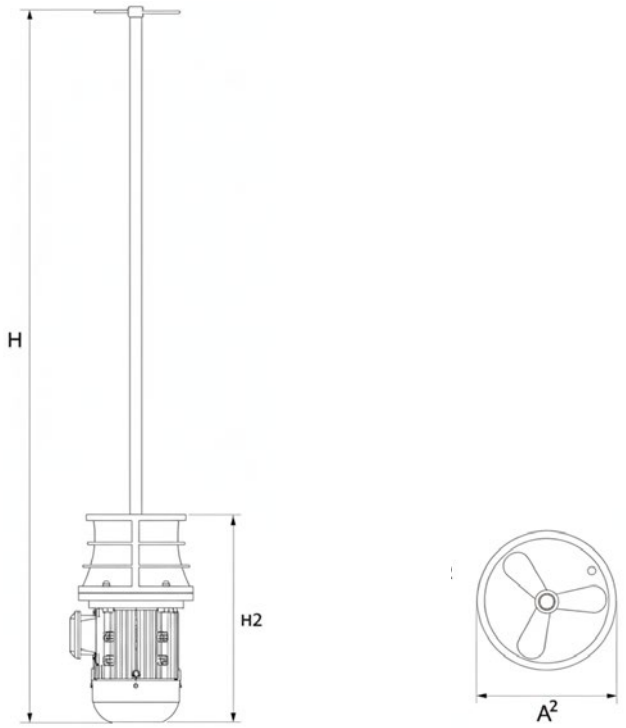


DIGITAL ON - OFF TIMER		
CODE	MODEL	RRP (€)
11030036	12V DC	**100**
11030037	220V	**100**



AGITATOR SUPPORT		
CODE	MODEL	RRP (€)
14112004	2 MET	**160**
14112005	1.1 MET	**130**

DIMENSIONS

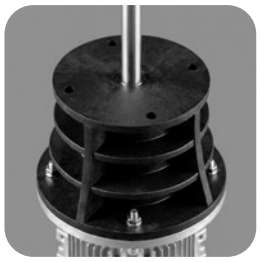


EJE	GUIA	A	H	H2	KG
1300	-	220	1680	380	13,5
1400	1300	220	1780	380	15.98
1500	1400	220	1880	380	16.17
1600	1500	220	1980	380	16.36
1700	1600	220	2080	380	16.55
1800	1700	220	2180	380	16.74

ELECTROAGITATORS MX-150

The MX-150 12v/CD electric agitator is designed to mix fertilizers and chemicals in irrigation tanks. Prepared to resist corrosion from fertilizers, both the propeller and the shaft are made of stainless steel, its motor allows integration into solar energy installations.







MATERIAL CHARACTERISTICS

Shaft: Stainless steel 316

Support: PP

Bearing: Steel

Motor link: Nylon c fiberglass

Propeller: stainless 316

OPERATING CHARACTERISTICS

Motor 12VDC, 24VDC: 22 and 32 Maximum consumption amp.

Rotation Speed (RPM): Available options of 900 laps/min and 1400 laps/min.

Standard Axle: Axles available from 500 mm to 1400 mm (maximum standard length)

Long Axis (Reinforcement): From 1400 mm reinforcement guide

MODELS

EJE	GUIA	POWER	MATERIAL	CODIGO 12V/DC	RRP (€) 12V/DC	CODE 24V/DC	RRP (€) 24V/DC
1400		22AMP	INOX	**14111032**	**635**	**14111039**	**635**
1500	1400	22AMP	INOX	**14111033**	**735**	**14111040**	**735**
1600	1500	22AMP	INOX	**14111034**	**785**	**14111041**	**785**
1700	1600	22AMP	INOX	**14111035**	**835**	**14111042**	**835**
1800	1700	22AMP	INOX	**14111036**	**885**	**14111043**	**885**
1900	1800	22AMP	INOX	**14111037**	**935**	**14111044**	**935**

ACCESSORIES



STAINLESS LEVEL PROBE		
CODE	MODEL	RRP (€)
759000150	1,5M	**145**

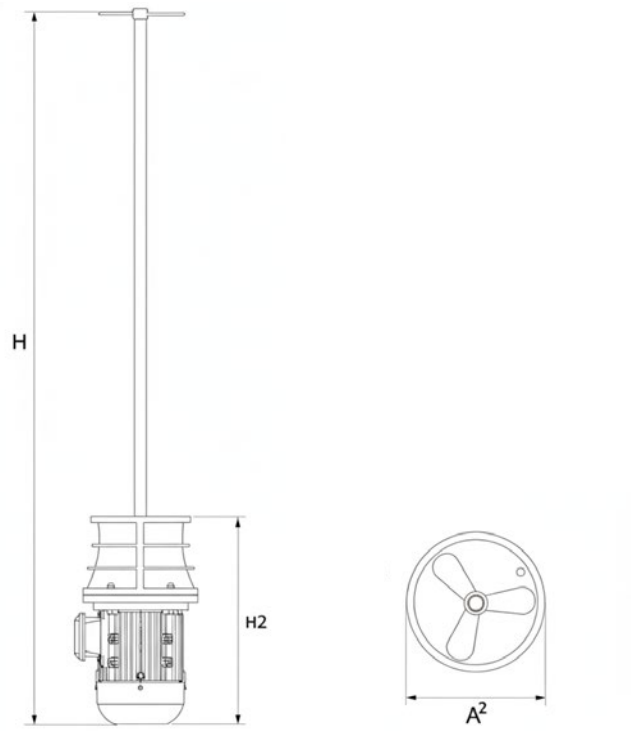


DIGITAL ON - OFF TIMER		
CODE	MODEL	RRP (€)
11030036	12V DC	**100**



AGITATOR SUPPORT		
CODE	MODEL	RRP (€)
14112004	2 METERS	**160**

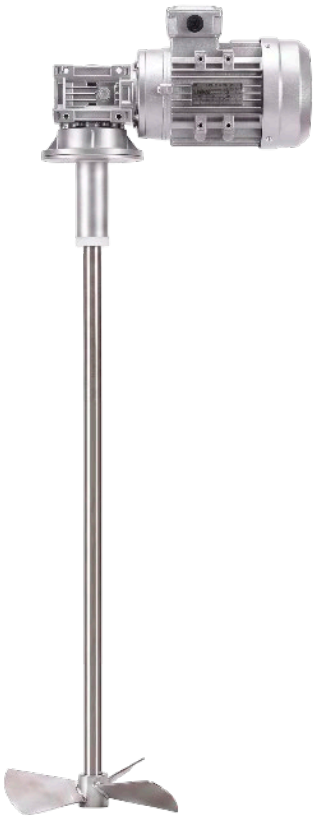
DIMENSIONS



EJE	GUIA	A	H	H2	KG
1300	-	220	1670	370	13,5
1400	1300	220	1770	370	15.98
1500	1400	220	1870	370	16.17
1600	1500	220	1970	370	16.36
1700	1600	220	2070	370	16.55
1800	1700	220	2170	370	16.74
1900	1800	220	2270	370	16.93

ELECTROAGITATORS MX-150 L

The MX-100 L electric agitator is designed to mix fertilizers and chemicals in irrigation tanks. Prepared to resist corrosion from fertilizers, both the propeller and the shaft are made of stainless steel.







MATERIAL CHARACTERISTICS

Shaft: Stainless steel 316

Support: Aluminum

Bearing: Steel

Motor link: Nylon with fiberglass

Propeller: stainless 316

Seal: EPDM

OPERATING CHARACTERISTICS

AC Motors (Single-Phase and Three-Phase): 0.75cv to 2cv

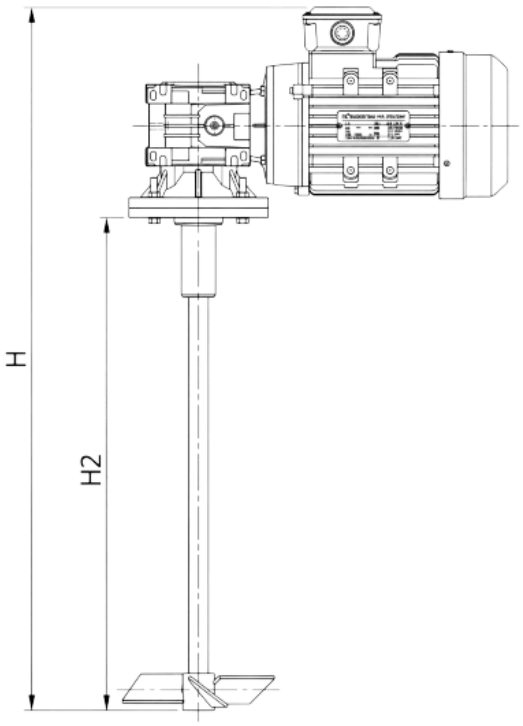
Rotation Speed (RPM): 200 rpm options available

Standard Axle: Axles available from 500 mm to 1900 mm (maximum standard length).

MODELS

EJE	PROPELLER	POWER	MATERIAL	CODE SINGLE PHASE	RRP (€) SINGLE PHASE	CODE THREE-PHASE	RRP (€) THREE-PHASE
1400		0.33CV	INOX	**14111045**	**605**	**14111051**	**539**
1500		0.33CV	INOX	**14111046**	**715**	**14111052**	**649**
1600		0.33CV	INOX	**14111047**	**770**	**14111053**	**704**
1700		0.33CV	INOX	**14111048**	**825**	**14111054**	**759**
1800		0.33CV	INOX	**14111049**	**880**	**14111055**	**814**
1900		0.75CV	INOX	**14111050**	**935**	**14111056**	**869**
1400		0.75CV	INOX	**14111045**	**705**	**14111051**	**639**
1500		0.75CV	INOX	**14111046**	**815**	**14111052**	**749**
1600		0.75CV	INOX	**14111047**	**870**	**14111053**	**804**
1700		0.75CV	INOX	**14111048**	**925**	**14111054**	**859**
1800		0.75CV	INOX	**14111049**	**980**	**14111055**	**914**
1900		0.75CV	INOX	**14111050**	**1035**	**14111056**	**969**

DIMENSIONS



EJE	GUIA	A	H	H2	KG
1300	-				13,5
1400	1300				15.98
1500	1400				16.17
1600	1500				16.36
1700	1600				16.55
1800	1700				16.74
1900	1800				16.93

ACCESSORIES



STAINLESS LEVEL PROBE		
CODE	MODEL	RRP (€)
	1,5M	**145**



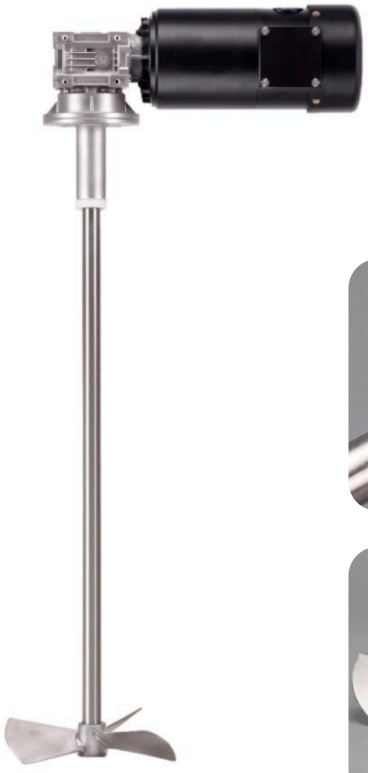
DIGITAL ON - OFF TIMER		
CODE	MODEL	RRP (€)
11030036	12V DC	**100**
11030037	220V	**100**



AGITATOR SUPPORT		
CODE	MODEL	RRP (€)
14112004	2 MET	**160**
14112005	1.1 MET	**130**

ELECTROAGITATORS MX-150 L

The MX-150 L 12v/CD electric agitator is designed to mix fertilizers and chemicals in irrigation tanks. Prepared to resist corrosion from fertilizers, both the propeller and the shaft are made of stainless steel, its motor allows integration into solar energy installations.







MATERIAL CHARACTERISTICS

Shaft: Stainless steel 316

Support: PP

Bearing: Steel

Motor link: Nylon with fiberglass

Propeller: ainless 316

Retention: OM

OPERATING CHARACTERISTICS

Motor 12VDC, 24VDC: 22 and 32 Maximum consumption amp.

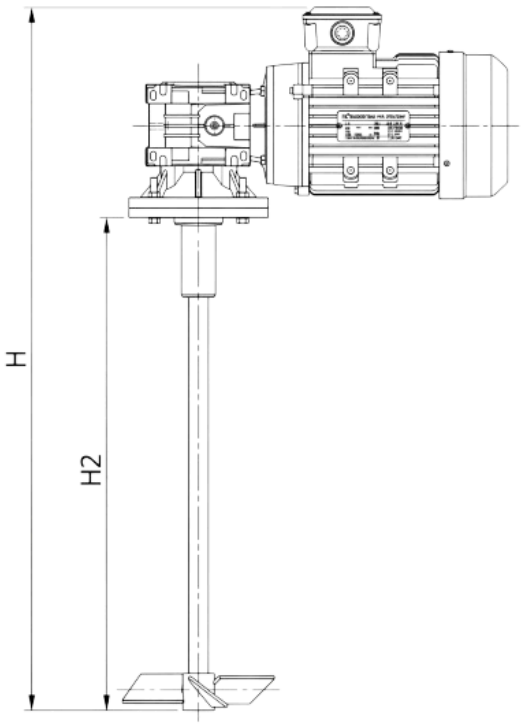
Rotation Speed (RPM): 200 rpm options available

Standard Axle: Axles available from 500 mm to 1900 mm (maximum standard length).

MODELS

EJE	PROPELLER	POWER	MATERIAL	CODIGO 12V/DC	RRP (€) 12V/DC	CODE 24V/DC	RRP (€) 24V/DC
1400		22AMP	INOX	**14111057**	**698,5**	**14111063**	**698,5**
1500		22AMP	INOX	**14111058**	**808,5**	**14111064**	**808,5**
1600		22AMP	INOX	**14111059**	**863,5**	**14111065**	**863,5**
1700		22AMP	INOX	**14111060**	**918,5**	**14111066**	**918,5**
1800		22AMP	INOX	**14111061**	**973,5**	**14111067**	**973,5**
1900		22AMP	INOX	**14111062**	**1028,5**	**14111068**	**1028,5**

DIMENSIONS



EJE	GUIA	A	H	H2	KG
1300					13,5
1400					15.98
1500					16.17
1600					16.36
1700					16.55
1800					16.74

ACCESSORIES



STAINLESS LEVEL PROBE		
CODE	MODEL	RRP (€)
759000150	1,5M	**145**



DIGITAL ON - OFF TIMER		
CODE	MODEL	RRP (€)
11030036	12V DC	**100**



AGITATOR SUPPORT		
CODE	MODEL	RRP (€)
14112004	2 METERS	**160**

ON-OFF CYCLE TIMER

Programmable digital timer to automate the on/off of equipment. It works as a smart switch with precise cycles in seconds, minutes or hours. Control external devices in repetitive or timed synchronization processes. Ideal for lighting, temperature, motors and industrial machinery.





MATERIAL CHARACTERISTICS

Housing: Rigid plastic for flush mounting

Display: High visibility dual LED (PV/SV)

Control: Front touch buttons (dust protection)

Connection: Rear screw terminals

OPERATING CHARACTERISTICS

Maximum Load: DC (12V/24V): 20A Max. AC (110V-220V): 10A Max.

Range: 0-9999 sec or 00:00- 99:59 min/hrs.

Modes: Single delay or infinite cycle (loop).

Interface: PV (real time) / SV (scheduled time).

MODELS

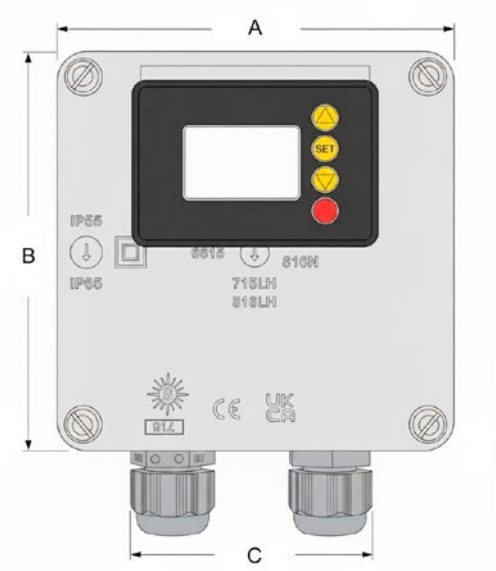
CODE	MODEL / VOLTAGE	RRP (€)
11030036	ON-OFF TIMER - 12VDC	**100**
11030037	ON-OFF TIMER - 220V/AC	**100**

RELATED ARTICLES

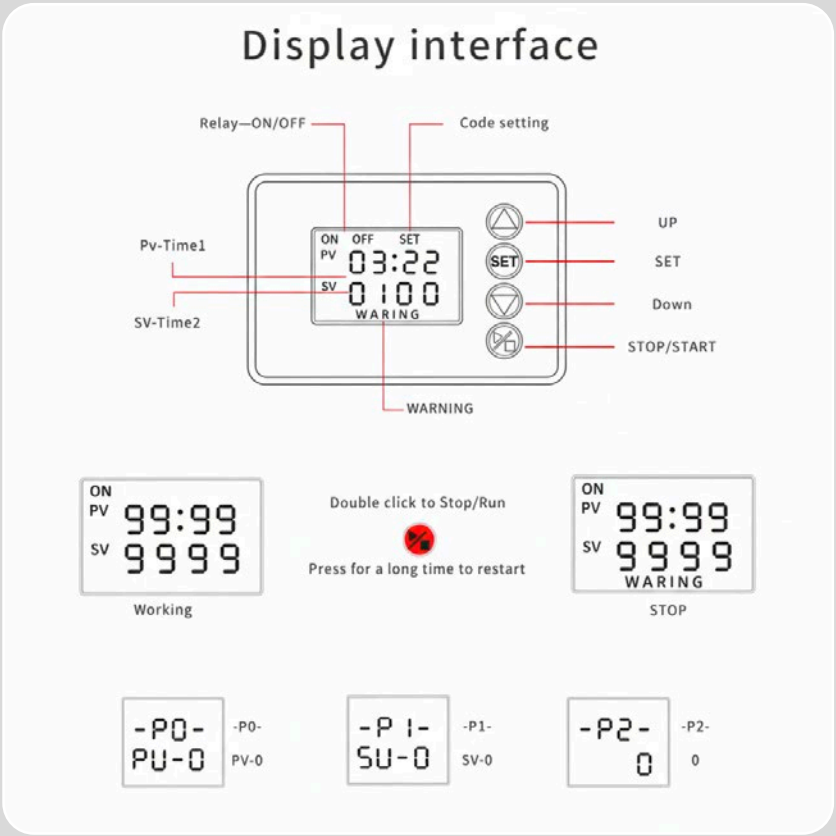


discontinuous blower		
CODE	MODEL	RRP (€)
14110001	1.8 CV	**162**

DIMENSIONS



INFORMATION



Display interface: Screen interface.

Relay—ON/OFF: Relay—On/Off.

Code setting: Code setting.

UP: Up (Increase value).

SET: Configure / Adjust.

Down: Down (Decrease value).

STOP/START: Stop/Start.

Pv-Time1: Process time 1 (Current value).

SV-Time2: Setpoint time 2 (Set value).

WARNING / WARING: Warning / Alarm.

Working: Running / In operation.

STOP: Stopped / Stopped.

Double click to Stop/Run: Double click to Stop/Run.

Press for a long time to restart: Press and hold to restart.

Agitator Support

The removable tank crossbar offers stable and modular support. It is made up of a center and four metal stringers that attach to the center forming a cross. The center is specifically designed to fit an IflowControl agitator.





MATERIAL CHARACTERISTICS

Center and stringers: Electrogalvanized steel.

Screws, washers and brake nuts: Galvanized steel.

OPERATING CHARACTERISTICS

Available in two lengths: 1,1 m and 2 m.

Stringers thickness: 1 cm.

They are attached to the center using three screws and brake nuts.

Modular design that allows quick and easy assembly.

MODELS

CODE	DIAMETER	RRP (€)
14112004	2 METERS	**160**
14112005	1.1 METERS	**130**

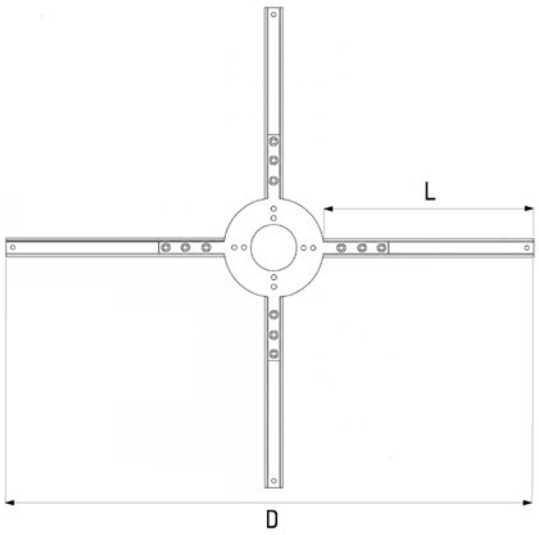
ACCESSORIES



truncated conical tank

SEE PAGE

DIMENSIONS



SIZE	D	L
2 METERS	200cm	89cm
1.1 METERS	110cm	44cm

TRUNCOCONICAL TANKS

A frustoconical tank with a lid is ideal for storing liquids, they are offered in various models, including conical designs with and without a lid. The capacities are very varied, being available in sizes from 300 to 3000 liters. These products come detailed with their specific dimensions, making them easy to integrate into any project.



MATERIAL CHARACTERISTICS

Material: HDPE (High Density Polyethylene)

OPERATING CHARACTERISTICS

Measurements from 300 L to 3000L

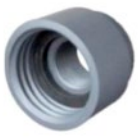
Edge prepared to implement metal supports designed for removers.

Their slightly conical shape allows them to be stacked and transported easily.

MODELS

CODE	CAPACITY LITERS	RRP (€)
13076030	500	**276**
13076031	1000	**312**
13076032	1500	**528**
13076033	2000	**648**

ACCESSORIES



ADAPTER		
CODE	MODEL	RRP (€)
13076009	3/4"	34
13076010	1"	34
13076011	1-1/4"	34

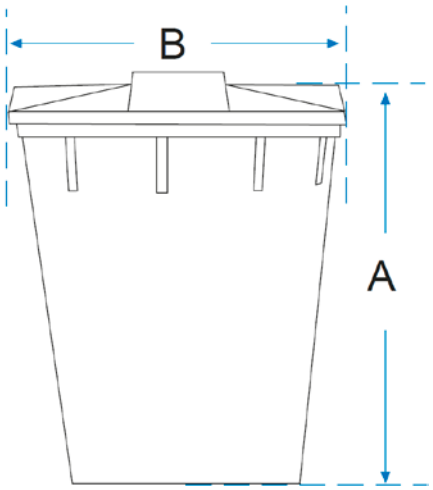


wall grommet		
CODE	MODEL	RRP (€)
13076004	3/4"	**21**
13076005	1"	**27**
13076006	1-1/4"	**28**



tapa		
CODE	MODEL	RRP (€)
13076038	TAPA 255	**35**
13076039	TAPA 355	**40**

DIMENSIONS



CAPACITY LITERS	A	B
100	750 MM	620 MM
200	990 MM	760 MM
300	1100 MM	850 MM
500	1100 MM	1010 MM
1000	1450 MM	1210 MM
1500	1370 MM	1450 MM
2000	1410 MM	1560 MM
3000	1450 MM	1950 MM

DOSING TANKS

A dosing tank, made of HDPE, is an ideal technical container for mixing fertilizers and products, being essential for irrigation systems and the industrial field. These are large capacity tanks that have cylindrical designs and are equipped with a threaded lid to ensure closure.



MATERIAL CHARACTERISTICS

Material: HDPE (High Density Polyethylene)

OPERATING CHARACTERISTICS

Measurements from 50L to 5000L

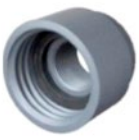
Robust wall design to maintain stability.

HDPE threaded cap on the top.

MODELS

CODE	LITERS	MATERIAL	RRP (€)
13076057	3000	PEAD	**1.380**
13076058	5000	PEAD	**3.120**
13076034	50	PEAD	**120**
13076035	100	PEAD	**156**
13076036	250	PEAD	**220,8**
13076042	350	PEAD	**468**

ACCESSORIES



ADAPTER		
CODE	MODEL	RRP (€)
13076009	3/4"	**34**
13076010	1"	**34**
13076011	1-1/4"	**34**

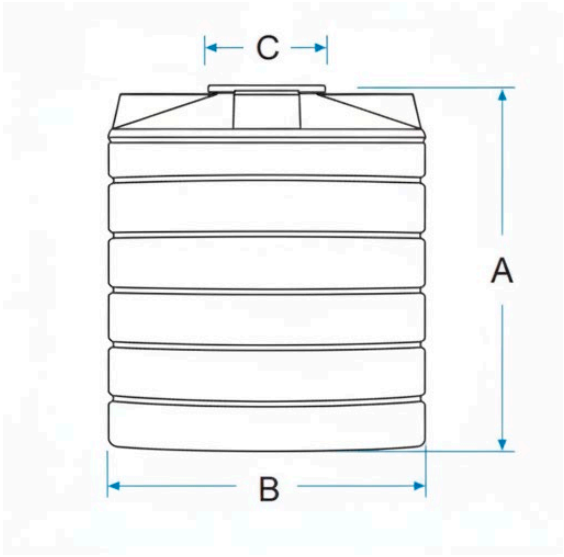


wall grommet		
CODE	MODEL	RRP (€)
13076004	3/4"	**21**
13076005	1"	**27**
13076006	1-1/4"	**28**

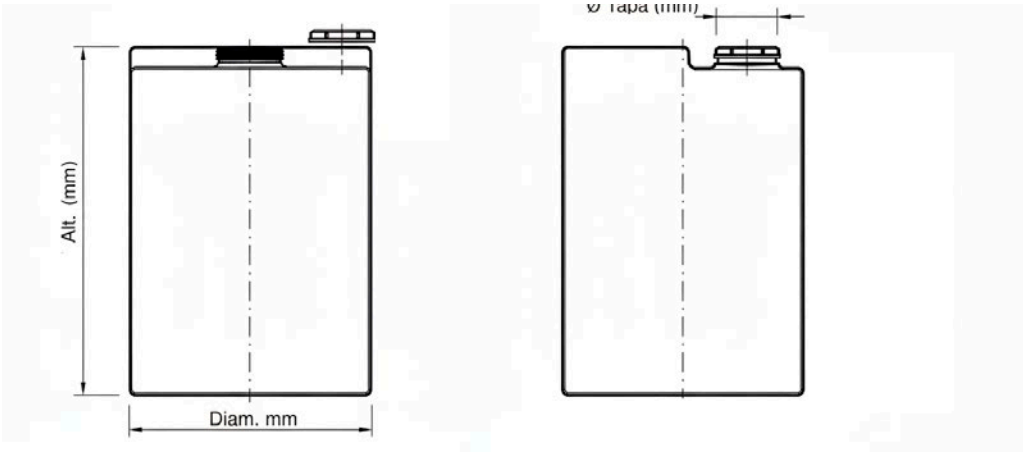


tapa		
CODE	MODEL	RRP (€)
13076038	TAPA 255	**35**
13076039	TAPA 355	**40**

DIMENSIONS



CAPACITY LITERS	A	B	C
3000	1900 mm	1550 mm	410 mm
5000	2050 mm	2000 mm	410 mm



CAPACIDAD NOMINAL (LITROS)	DIAM. (MM)	ALT. (MM)	COVER Ø (MM)
50	390	525	125
100	480	658	125
250	580	1.083	125
350	660	1.165	125
500	800	1.200	250
1.000	1.000	1.450	250

STAINLESS LEVEL PROBE

The level probe is fixed to the edge of the tank using an adjustable support that allows its position to be adjusted. At the end it incorporates a buoy that moves about 20 cm to detect the water level. When the water goes down, the buoy activates a contact that stops the electrical current. The entire assembly is made of stainless steel, with a nylon bushing to ensure strength and durability.







MATERIAL CHARACTERISTICS

Tube and probe: Stainless steel 316

Cap: nylon.

Support and hardware: Stainless steel 316

OPERATING CHARACTERISTICS

Contact: NO/NC

Voltage: 0-220v. AC/DC

Cable: 1.5 meters

Different lengths on request.

Adjustable support.

Corrosion resistant, stainless steel 316

MODELS

CODE	MODEL	RRP (€)
759000150	1.5 METERS	**145**

ACCESSORIES



truncated conical tank

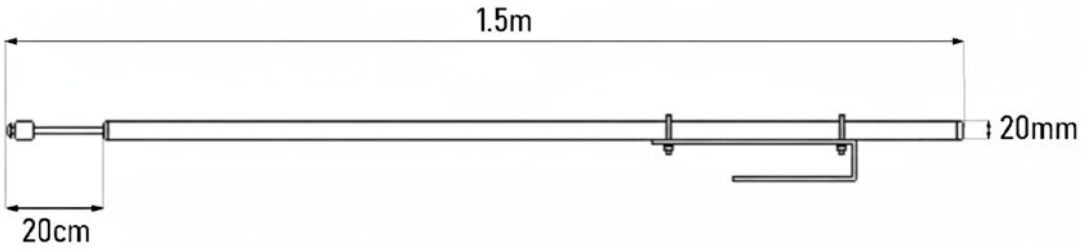
SEE PAGE



dosing tank

SEE PAGE

DIMENSIONS



ACOPLE RÁPIDO CAMLOCK

CAMLOCK quick coupler designed to facilitate the connection and disconnection of hoses in irrigation tanks and spray systems. Made of polypropylene reinforced with fiberglass, it offers high mechanical and chemical resistance.







MATERIAL CHARACTERISTICS

Body: Polypropylene reinforced with fiberglass.

Locking levers: Stainless steel.

Thread: BSP female thread.

OPERATING CHARACTERISTICS

Maximum working pressure: 10 bar.

Working temperature: -10°C to **+60°C.**

Locking system: Stainless steel levers to prevent accidental disconnections.

Connections: Available from ¾" to 4".

MODELS





MALE THREAD QUICK COUPLING		
CODE	MODEL	RRP (€)
13076015	1-1/2"	30
13076016	2"	37

FEMALE THREAD QUICK COUPLING		
CODE	MODEL	RRP (€)
13076017	1-1/2"	30
13076018	2"	37

MODELS



MALE THREAD ADAPTER		
CODE	MODEL	RRP (€)
13076028	1-1/2”	10
13076029	2”	13



FEMALE THREAD ADAPTER		
CODE	MODEL	RRP (€)
13076021	1-1/2”	10
13076022	2”	13



SPIN ADAPTER		
CODE	MODEL	RRP (€)
13076019	50	10
13076020	63	13



PVC WALL GALLS		
CODE	MODEL	RRP (€)
13076004	3/4”	21
13076005	1”	27
13076006	1-1/4”	28
13076007	1-1/2”	32
13076008	2”	45

DOSING

Dosing Systems

- Motor pumps
- Electromagnetic pumps
- Probes
- Accessories



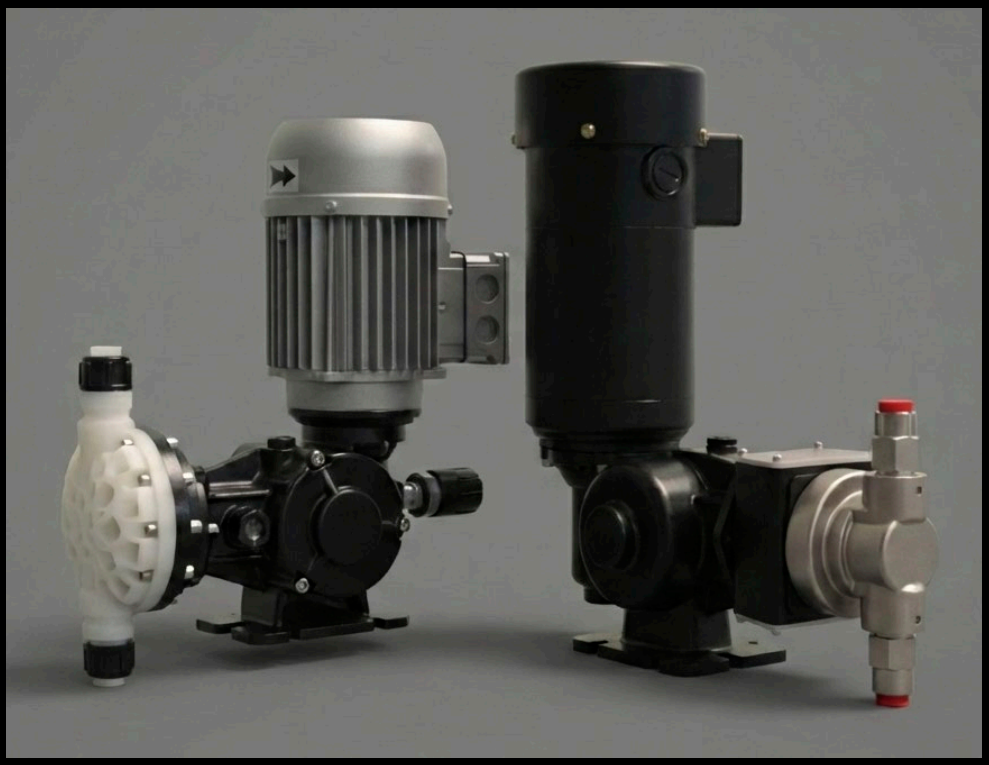
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FLUID DOSING AND CONTROL









01 Piston metering pump 220V, 380V, 12VDC, 24VDC

02 Tekna solenoid metering pump

03 Venturi injectors and rotameters

Fertigation solenoid valves and hydraulic valves 04

DOSING PUMP PM-100

PM-100 piston dosing pump designed to inject precise volumes of liquids or chemicals, through the movement of a piston that sucks and discharges the fluid in each cycle. Its flow rate is regulated by adjusting the length and frequency of the piston stroke, which allows exact and continuous dosing.







MATERIAL CHARACTERISTICS

Head and valves: Stainless steel or PVC

Piston: Ceramic or stainless steel

Gaskets: Viton or EPDM

Body: Aluminum

OPERATING CHARACTERISTICS

Flow rate: From 110 L/h to 1000 L/h, depending on the piston diameter

Maximum pressure: Up to 25bar

Maximum fluid temperature: INOX head: up to 90 °C PVC head: up to 40 °C

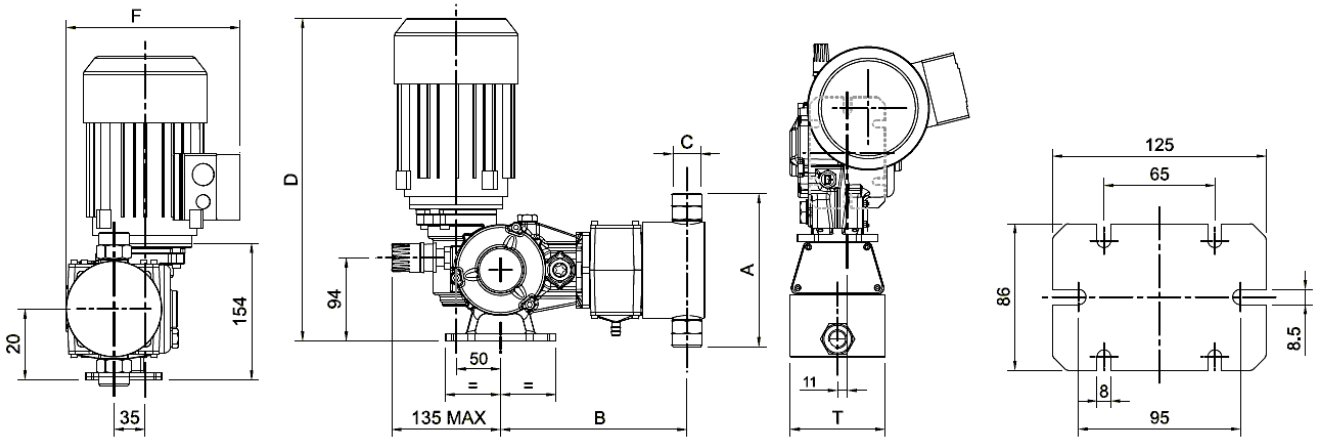
Electric motor: 0,18–0,75 kW three-phase and single-phase

Flow regulation: Manual via rear regulator knob

MODELS

LITERS/H	BAR	HEAD	CONNECTION	MOTOR	CODE (MONOFÁSICO)	RRP (€) (MONOFÁSICO)	CODE (TRIFÁSICO)	RRP (€) (TRIFÁSICO)
50	20	INOX	3/8”	0,18 KW	**13072158**	**935**	**13072159**	**863**
50	10	PVC	3/8”	0,18 KW	**13072176**	**1016**	**13072177**	**928**
110	17	INOX	3/8”	0,25 KW	**13072160**	**924**	**13072161**	**847**
110	10	PVC	3/8”	0,25 KW	**13072178**	**1016**	**13072179**	**928**
220	8	INOX	1/2”	0,25 KW	**13072162**	**1064**	**13072163**	**1014**
220	8	PVC	1/2”	0,25 KW	**13072180**	**1252**	**13072181**	**1165**
304	6	INOX	3/4”	0,25 KW	**13072164**	**1104**	**13072165**	**1085**
304	6	PVC	3/4”	0,25 KW	**13072182**	**1295**	**13072183**	**1208**
505	10	INOX	3/4”	0,75 KW	**13072166**	**2143**	**13072167**	**1974**

DIMENSIONS



MODEL	A [MM]	B [MM]	C (BSP)	T [MM]	D [MM]	E [MM]	F [MM]
50L	121	200	3/8" f	68	333	367	206
110L	164	210	3/8" f	88,5	371	390	215
220L	176	210	1/2" f	108	371	392	215
304L	195	215	3/4" f	103	371	401	215
505L	195	273	3/4" f	103	398	469	203
730L	241	288	1" f	112	398	490	212
1000L	253	288	1" f	125	398	490	225

hydraulic characteristics

Piston Diameter (mm)	STROKES/ MIN	FLOW (L/H)	FLOW (GL/H)	MAX PRESSURE (SS 316 - BAR)	Max Pressure (PVC - bar)	CONNECTION (SS 316)	CONNECTION (PVC)	MOTOR (KW)
25	116	50	13,21	25	10*	3/8" GF	3/8" GF	0,18 (A4)
30	116	70	18,49	25	10*	3/8" GF	3/8" GF	0,25 (B4)
38	116	110	29,06	25	10*	3/8" GF	3/8" GF	0,25 (B4)
48	116	170	44,91	10	10	1/2" GF	1/2" GF	0,25 (B4)
54	116	220	58,12	8	8	1/2" GF	1/2" GF	0,25 (B4)
64	116	304	80,31	6	4	3/4" GF	3/4" GF	0,25 (B4)
64	116	505	133.40	10	10	3/4" GF	3/4" GF	0.75 (E4)
76	116	730	192.85	7	7	1" GF	1" GF	0.75 (E4)
89	116	1000	264.17	5	5	1" GF	1" GF	0.75 (E4)

ACCESSORIES



DOSING BENCH		
CODE	MODEL	RRP (€)
14112003	21X15X20	**55**



PULSE DAMPER		
CODE	MODEL	RRP (€)
12042005	1,2 LITERS	**96**



BACK PRESSURE Valve		
CODE	MODEL	RRP (€)
12042001	DN25	**102**

DOSING PUMP PM-200

PM-200 piston dosing pump 12v/DC designed to inject precise volumes of liquids or chemicals, through the movement of a piston that sucks and discharges the fluid in each cycle. Its flow rate is regulated by adjusting the length and frequency of the piston stroke, which allows exact and continuous dosing.







MATERIAL CHARACTERISTICS

Head and valves: Stainless steel

Piston: Ceramic or stainless steel

Gaskets: Viton

Internal components: Stainless steel and brass

OPERATING CHARACTERISTICS

Flow rate: 110 L/h to 304 L/h

Maximum pressure: up to 10bar

Maximum temperature: INOX head: up to 90 °C, PVC head: up to 40 °C

Ambient working temperature: +5 °C to +45 °C

Electric motor: 22AMP AND 32AMP maximum consumption

Hydraulic connections: Enter 1/4" and 3/4" depending on the model

MODELS

LITERS / H	BAR	HEAD	CONNECTION	CONSUMPTION	CODE	RRP (€)
120	10	INOX	3/8" G F	22 AMP	**13072125**	**1075**
120	15	INOX	3/8" G F	32 AMP	**13072126**	**1170**
230	6	INOX	1/2" G F	22 AMP	**13070019**	**1250**
220	10	INOX	1/2" G F	32 AMP	**13072127**	**1350**
304	8	INOX	3/4" G F	32 AMP	**13072128**	**1390**

ACCESSORIES



DOSING BENCH		
CODE	MODEL	RRP (€)
14112003	21X15X20	**55**

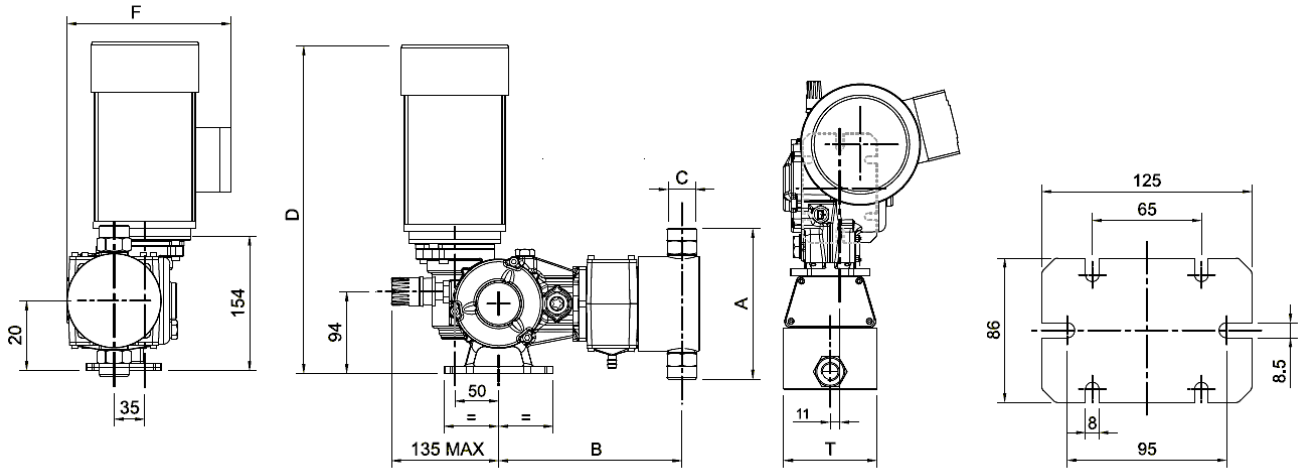


PULSE DAMPER		
CODE	MODEL	RRP (€)
12042005	1,2 LITERS	**96**



BACK PRESSURE Valve		
CODE	MODEL	RRP (€)
12042001	DN25	**102**

DIMENSIONS



MODEL	A [MM]	B [MM]	C (BSP)	T [MM]	D [MM]	E [MM]	F [MM]
120L	164	210	3/8" f	88,5	480	390	215
220L	176	210	1/2" f	108	480	392	215
304L	195	215	3/4" f	103	480	401	215

hydraulic characteristics

DIAMETER PISTON (MM)	CARRERAS/ MIN	CAUDAL (L/H)	MAX PRESSURE (SS 316 - BAR)	CONNECTION (SS 316)	CONNECTION (PVC)	MOTOR (AMP)
38	116	120	10	3/8" GF	3/8" GF	22 AMP
38	116	120	15	3/8" GF	3/8" GF	32 AMP
54	116	230	6	1/2" GF	1/2" GF	22 AMP
54	116	220	10	1/2" GF	1/2" GF	32 AMP
64	116	304	8	3/4" GF	3/4" GF	32 AMP

MOTOR CONSUMPTION 12VDC

MODELS	1 BAR	2 BAR	3 BAR	4 BAR	5 BAR	6 BAR	7 BAR	8 BAR	9 BAR	10 BAR
120 l/h (Max 10b)	5.0 A	5.5 A	6.0 A	6.5 A	7.0 A	7.5 A	8.0 A	12.0 A	16.0 A	20.0 A (Máx)
230 l/h (Max 6b)	2.0 A	4.0 A	6.0 A	8.0 A	14.0 A	20.0 A (Máx)	-	-	-	-
230 l/h (Max 10b)	5.0 A	6.0 A	7.0 A	8.0 A	9.0 A	10.0 A	11.0 A	12.3 A	13.7 A	15.0 A (Máx)
304 l/h (Max 8b)	7.0 A	8.0 A	9.0 A	10.0 A	11.0 A	12.0 A	13.3 A	16.0 A (Máx)	-	-

IR DOSING PUMP-13/18/25

DR piston metering pump designed to inject precise volumes of liquids or chemicals, through the movement of a piston that sucks and discharges the fluid in each cycle. Its flow rate is regulated by adjusting the length and frequency of the piston stroke, which allows exact and continuous dosing.







MATERIAL CHARACTERISTICS

Head and valves: Stainless steel or PVC

Piston: Ceramic or stainless steel

Flashlight: Stainless steel 316

Gaskets: Viton or EPDM

OPERATING CHARACTERISTICS

Flow rate: From 100 L/h to 1042 L/h, depending on piston diameter

Maximum pressure: Up to 25bar

Maximum fluid temperature: INOX head: up to 90 °C PVC head: up to 40 °C

Electric motor: 0,18–0,75 kW three-phase and single-phase

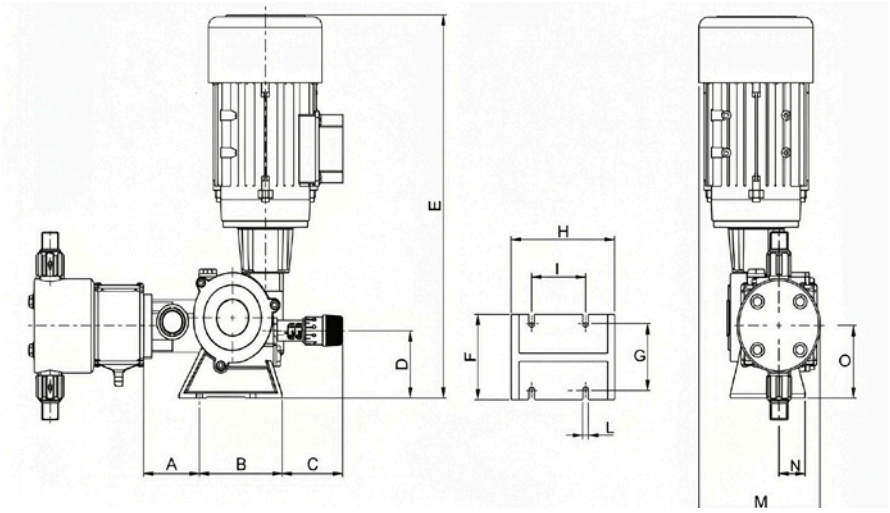
Flow regulation: Manual via rear regulator knob

Hydraulic connections: Between 1/2" and 1" depending on the model

MODELS

LITERS/H	BAR	HEAD	CONNECTION	MOTOR	CODE (MONOFÁSICO)	RRP (€) (MONOFÁSICO)	CODE (TRIFÁSICO)	RRP (€) (TRIFÁSICO)
100	9	INOX	1/2"	0,25 KW	**1307231**	1341	**1307230**	1274
144	13	INOX	1/2"	0,25 KW	**1307235**	1415	**1307234**	1365
155	5,5	INOX	1/2"	0,25 KW	**1307233**	1427	**1307232**	1352
226	8,5	INOX	1/2"	0,25 KW	**1307237**	1463	**1307236**	1378
290	6,5	INOX	1/2"	0,25 KW	**1307239**	1802	**1307238**	1742
532	9,5	INOX	3/4"	0,75 KW	**1307241**	2690	**1307240**	2600
766	6,5	INOX	1"	0,75 KW	**1307243**	2882	**1307242**	2782
1042	4,8	INOX	1"	0,75 KW	**1307245**	3090	**1307244**	2990

DIMENSIONS



LITERS	A (MM)	B (MM)	C (MM)	D (MM)	E (MM)	F (MM)	G (MM)	H (MM)	I (MM)	L (MM)	M (MM)	N (MM)	O (MM)
100	57	90	70	75	375	90	75	115	65	7	130	33	80
155	57	90	70	75	375	90	75	115	65	7	130	33	80
144	68	100	70	73	410	90	75	125	65	7	170	33	78
226	68	100	70	73	410	90	75	125	65	7	170	33	78
290	68	100	70	73	410	90	75	125	65	7	170	33	78
532	75	127	120	70	450	154	130	157	102	9	194	60	78
766	75	127	120	70	450	154	130	157	102	9	194	60	78
1042	75	127	120	70	450	154	130	157	102	9	194	60	78

hydraulic characteristics

Piston Diameter (mm)	IMP/MIN	FLOW RATE (L/H)	FLOW RATE (GL/H)	PRESSURE MAX (SS 316 - BAR)	Max Pressure (PVC - bar)	CONNECTION (SS 316)	CONNECTION (PVC)	MOTOR (KW)
38	116	100	26,42	9	9	1/2”	1/2”	0,18 (A4)
48	116	155	40,95	5,5	5,5	1/2”	1/2”	0,25 (B4)
38	120	144	38,04	13	10	1/2”	1/2”	0,25 (B4)
48	120	226	59,7	8,5	8,5	1/2”	1/2”	0,25 (B4)
54	120	290	76,61	6,5	6,5	3/4”	3/4”	0,25 (B4)
64	112	532	140,54	9,5	9,5	1”	1”	0,25 (B4)
76	112	766	202,36	6,5	6,5	1”	1”	0.75 (E4)
89	112	1042	275,27	4,8	4,8	1”	1”	0.75 (E4)

ACCESSORIES



DOSING BENCH		
CODE	MODEL	RRP (€)
14112003	21X15X20	**55**



PULSE DAMPER		
CODE	MODEL	RRP (€)
12042005	1,2 LITERS	**96**



BACK PRESSURE Valve		
CODE	MODEL	RRP (€)
12042001	DN25	**102**

DOSING PUMP IRC-13/18/25

IRC-13/18/25 piston dosing pump 12v-24v/DC designed to inject precise volumes of liquids or chemicals, through the movement of a piston that sucks and discharges the fluid in each cycle. Its flow rate is regulated by adjusting the length and frequency of the piston stroke, which allows exact and continuous dosing.







MATERIAL CHARACTERISTICS

Head and valves: Stainless steel

Piston: Ceramic or stainless steel

Flashlight: Stainless steel 316

Gaskets: Viton

OPERATING CHARACTERISTICS

Flow rate: 110 L/h to 304 L/h

Maximum pressure: up to 10bar

Maximum temperature: INOX head: up to 90 °C, PVC head: up to 40 °C

Ambient working temperature: +5 °C to +45 °C

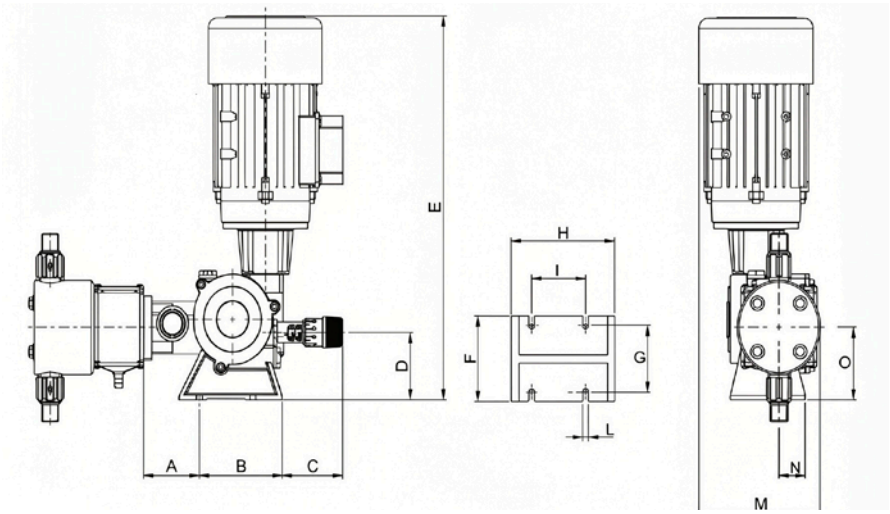
Electric motor: 22AMP AND 32AMP maximum consumption

Hydraulic connections: Between 1/2" and 3/4" depending on the model

MODELS

LITERS/H	BAR	HEAD	CONNECTION	MOTOR 12V/24V-DC	CODE (12V-DC)	RRP (€) (12V-DC)	CODE (24V-DC)	RRP (€) (24V-DC)
100	10	INOX	1/2"	22 AMP	**1307246**	1378	**1307247**	1391
100	15	INOX	1/2"	22 AMP	**1307262**	1458	**1307265**	1471
155	8	INOX	1/2"	22 AMP	**1307248**	1456	**1307249**	1469
155	10	INOX	1/2"	32 AMP	**1307263**	1536	**1307266**	1549
226	6	INOX	1/2"	22 AMP	**1307252**	1482	**1307253**	1495
226	8	INOX	1/2"	32 AMP	**1307264**	1562	**1307267**	1575
290	6	INOX	3/4"	32 KW	**1307254**	1846	**1307255**	1859

DIMENSIONS



	A (MM)	B (MM)	C (MM)	D (MM)	E (MM)	F (MM)	G (MM)	H (MM)	I (MM)	L (MM)	M (MM)	N (MM)	O (MM)
100	57	90	70	75	375	90	75	115	65	7	130	33	80
155	57	90	70	75	375	90	75	115	65	7	130	33	80
144	68	100	70	73	410	90	75	125	65	7	170	33	78
226	68	100	70	73	410	90	75	125	65	7	170	33	78
290	68	100	70	73	410	90	75	125	65	7	170	33	78
532	75	127	120	70	450	154	130	157	102	9	194	60	78
766	75	127	120	70	450	154	130	157	102	9	194	60	78

hydraulic characteristics

Piston Diameter (mm)	IMP/MIN	FLOW RATE (L/H)	FLOW RATE (GL/H)	PRESSURE MAX (SS 316 - BAR)	Max Pressure (PVC - bar)	CONNECTION (SS 316)	CONNECTION (PVC)	ELECTRIC MOTOR (AMP)
38	116	100	26,42	9	9	1/2”	1/2”	22
48	116	155	40,95	5,5	5,5	1/2”	1/2”	22
48	120	226	59,7	8,5	8,5	1/2”	1/2”	22
54	120	290	76,61	6,5	6,5	3/4”	3/4”	32

ACCESSORIES



DOSING BENCH		
CODE	MODEL	RRP (€)
14112003	21X15X20	**55**



PULSE DAMPER		
CODE	MODEL	RRP (€)
12042005	1,2 LITERS	**96**



BACK PRESSURE Valve		
CODE	MODEL	RRP (€)
12042001	DN25	**102**

DOSING PUMP PM-300

The PM-300 membrane dosing pump is used for dosing more corrosive liquids and offers various configurations for the pump head and motor power, allowing it to be adapted to different processes. The models have three stroke values ⍰⍰that can be adjusted manually.







MATERIAL CHARACTERISTICS

Head: PVDF

Gaskets: Viton

Internal components: Stainless steel, brass

Body: Cast aluminum

OPERATING CHARACTERISTICS

Flow rate: from 60 L/h to 310 L/h, (58 to 116 strokes/min)

Maximum pressure: up to 10 bar

Electric motor: 0,18 kW three-phase 0,37 kW single-phase

Flow regulation: Manual 0-100% using a regulator knob

Hydraulic connections: between 1/2" and 3/4" depending on the model

MODELS

LITERS / H	BAR	HEAD	TRIF MOTOR	CODE SINGLE PHASE	RRP (€) SINGLE PHASE	CODE THREE PHASE	RRP (€) THREE PHASE
60	10	PVDF	0.18 KW	**13072255**	**1296**	**13072251**	**1139**
120	10	PVDF	0.18 KW	**13072256**	**1316**	**13072252**	**1154**
220	7	PVDF	0.37 KW	**13072257**	**1408**	**13072253**	**1253**

ACCESSORIES



DOSING BENCH		
CODE	MODEL	RRP (€)
14112003	21X15X20	**55**

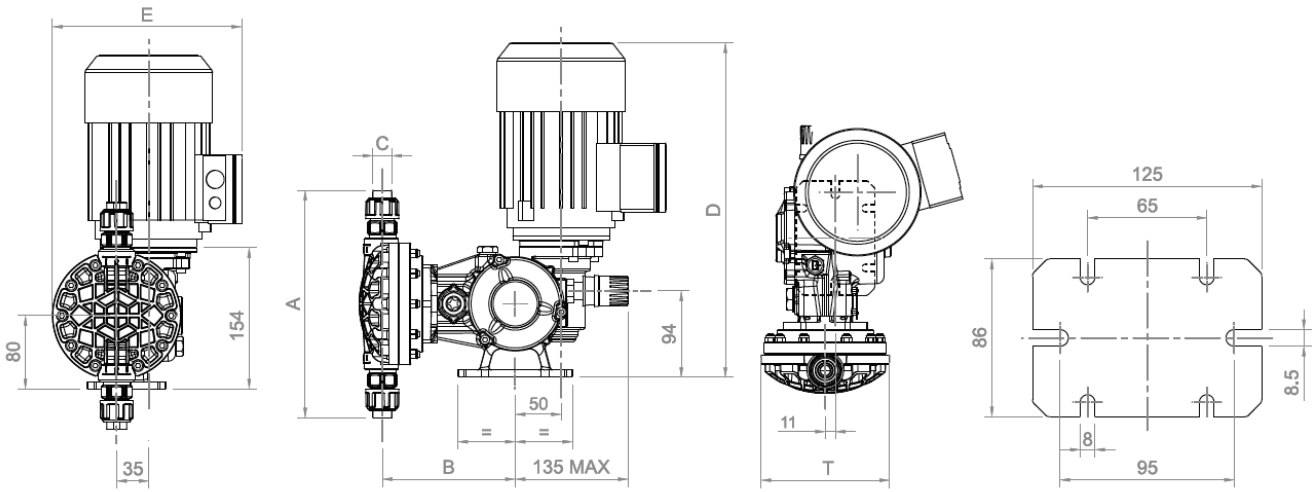


PULSE DAMPER		
CODE	MODEL	RRP (€)
12042005	1,2 LITERS	**96**



BACK PRESSURE Valve		
CODE	MODEL	RRP (€)
12042001	DN25	**102**

DIMENSIONS



MODEL	DIAMETER MEMBRANE	A [MM]	B [MM]	C (BSP)	T [MM]
60L	108	250	147	3/8”	142
120L	108	250	147	3/8”	142
220L	138	347	159	3/4”	166
310L	138	347	159	3/4”	166

hydraulic characteristics

Ø	IMP/MIN	FLOW RATE (L/H)	FLOW RATE (GL/H)	PRESSURE MAX (SS 316 - BAR)	Max Pressure (PP/PVC - bar)	Max Pressure (PVDF - bar)	CONNECTION	MOTOR (KW)
94	58	20	5.59	16	10	12	3/8” or 1/4”	0.18 (A4)
94	78	26	6.88	16	10	12	3/8” or 1/4”	0.18 (A4)
94	116	40	10.58	16	10	12	3/8” or 1/4”	0.18 (A4)
108	58	60	15.87	10	10	10	3/8”	0.18 (A4)
108	78	80	21.16	10	10	10	3/8”	0.18 (A4)
108	116	120	31.75	10	10	10	3/8”	0.18 (A4)
138	58	155	41	7	7	7	3/4” or 1”	0.37 (C4)
138	78	220	58.2	7	7	7	3/4” or 1”	0.37 (C4)
138	116	310	82	7	7	7	3/4” or 1”	0.37 (C4)
165	58	230	60.85	5	5	5	1” GF	0.37 (C4)
165	78	330	87.30	5	5	5	1” GF	0.37 (C4)
165	116	500	132.3	3	3	3	1” GF	0.37 (C4)

DOSING PUMP BASE

Support for Iflowcontrol dosing pump, this design allows you to easily fix any dosing pump, ensuring quick and safe installation. The support raises the pump, keeping it fixed and stable during operation, facilitating maintenance and access to the equipment.



MATERIAL CHARACTERISTICS

Electrogalvanized steel

OPERATING CHARACTERISTICS

Designed to be installed on flat, horizontal surfaces (floor).

Supports one metering pump unit per bracket.

Made of electrogalvanized steel for greater strength and durability.

It has four holes that allow the pump to be fixed from below safely and stably.

Elevates the pump, ensuring convenient access and maintenance.

MODELS

CODE	SIZE	RRP (€)
14112003	21 X 15 X 20	55

ACCESSORIES



DOSING PUMP

SEE PAGE



dosing pump 12v

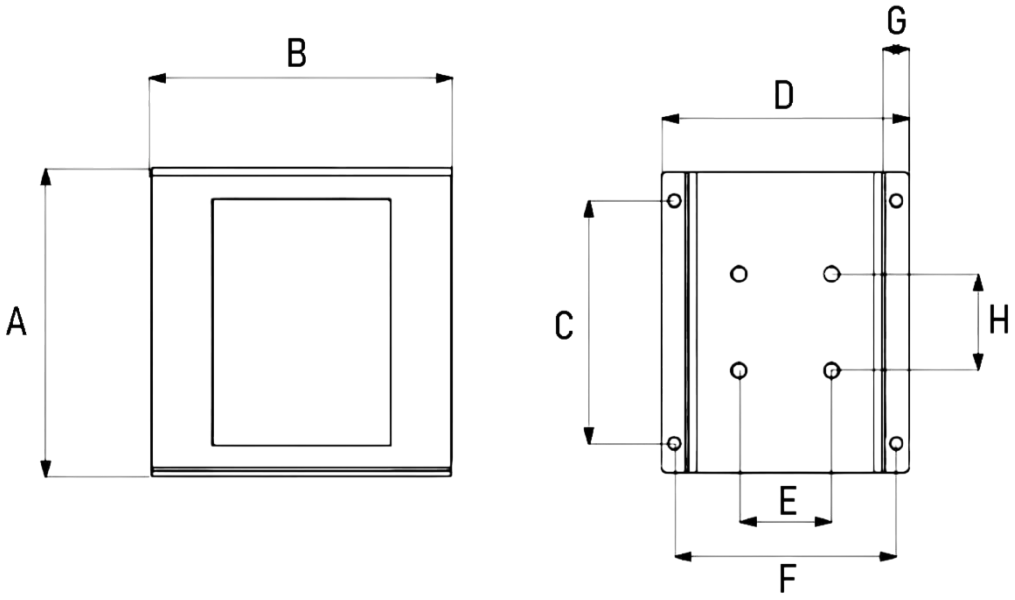
SEE PAGE



membrane dosing pump

SEE PAGE

DIMENSIONS



A	B	C	D	E	F	G	H
20.5	21	17.7	18	2.5	6.5	7	16

AMS Electromagnetic Pump 200

The AMS200 pump is a solenoid-driven metering pump, featuring constant flow rates that are controlled via a manually adjustable dial on the front panel.







MATERIAL CHARACTERISTICS

Housing: PP fiberglass reinforcement and protection IP65

Head: PVDF or PVDFT

Membrane: PTFE

Gaskets: Viton or EPDM

OPERATING CHARACTERISTICS

Pump with manual adjustment of the delivery frequency from 0 to 100% using analog potentiometer

The standard power supply of the pump is 230Vca 50-60Hz, with an option of 24Vca upon request.

Comes with valve for manual purging.

The solid green LED turns off with each stroke that the pump makes.

MODELS

CODE	LITERS / H	BAR	MODEL	ML/IMP	TUBO Ø	RRP (€)
13075001	3 5	10 8	200	0.31 0.52	4x6	**232**

ACCESSORIES





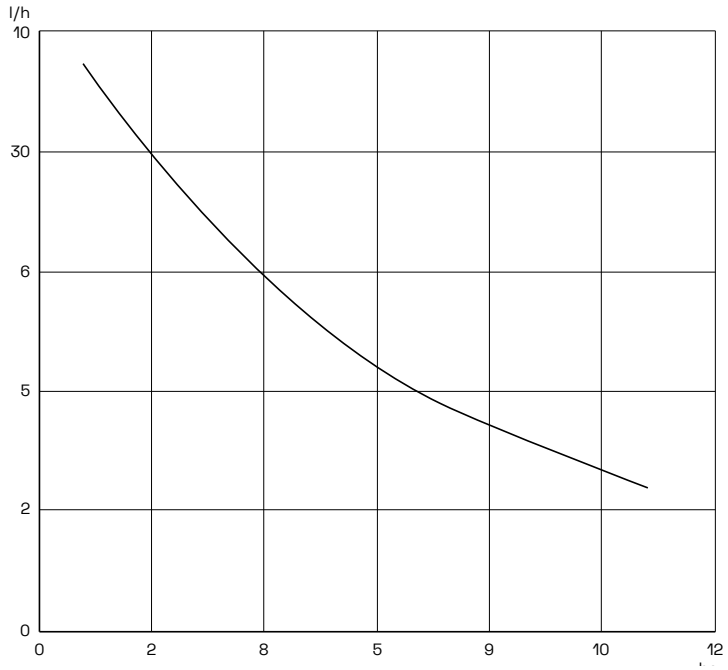


INJECTION FITTING		
CODE	SIZE	RRP (€)
13077018	6X4	**76**

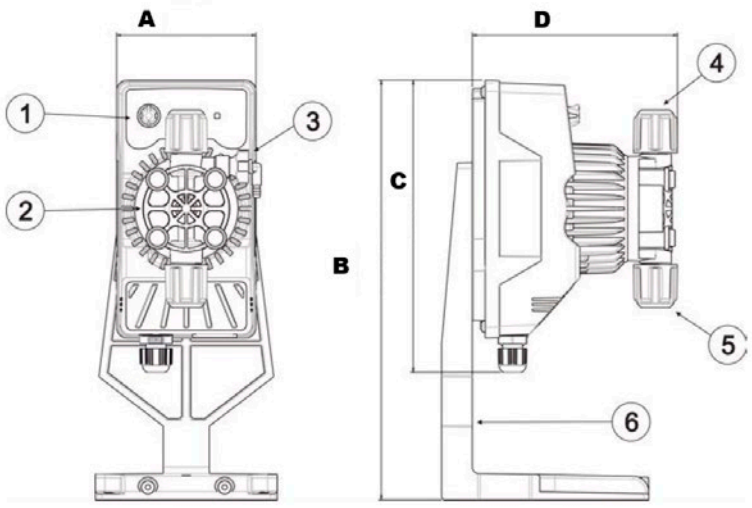
SUCTION FILTER		
CODE	SIZE	RRP (€)
13077020	6X4	**76**

SPECIAL TUBE pe		
CODE	SIZE	RRP (€)
13077038	6X4	**4**

INJECTION CURVE



DIMENSIONS



A	B	C	D
92	273.5	160.5	135.4

TECHNICAL INFORMATION

MODEL	PRESSURE (BARS)	CAUDAL (L/H)	CC / GOLPE	CONEXIONES INT/ EXT (MM)	BLOWS / MIN
AMS200	8	5	1.32	4/6	160
	10	3	0.79	4/7	160
	2	9	1.97	4/8	160

AKL ELECTROMAGNETIC PUMP

The TEKNA AKL pump is a diaphragm constant dosage pump, using a 0-100% speed regulation potentiometer, with a divider mode to adjust to more precise doses.







MATERIAL CHARACTERISTICS

Head: PVDF (resistant to corrosive chemicals)

Diaphragm: PTFE

Valves: Ceramic

Gaskets: Viton

OPERATING CHARACTERISTICS

Dosing functionality: constant control with potentiometer 0-100%

Flow range: typically 0,4 a 54 L/h

Maximum back pressure: 20 bar.

Operates on 100-240 V AC power

Splitter Mode

MODELS

CODE	LITERS / H	BAR	MODEL	ML/IMP	TUBO Ø	RRP (€)
13075022	4 8	12 2	603	0.42 0.83	6x4	**461,71**
13075023	7 18	16 1	800	0.39 1	6X4	**512,47**
13075024	30 55	5 2	803	1.67 3	8X12	**627,25**

ACCESSORIES





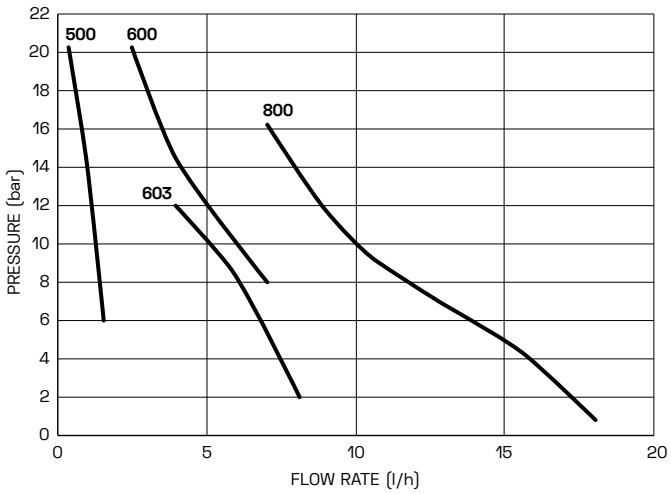


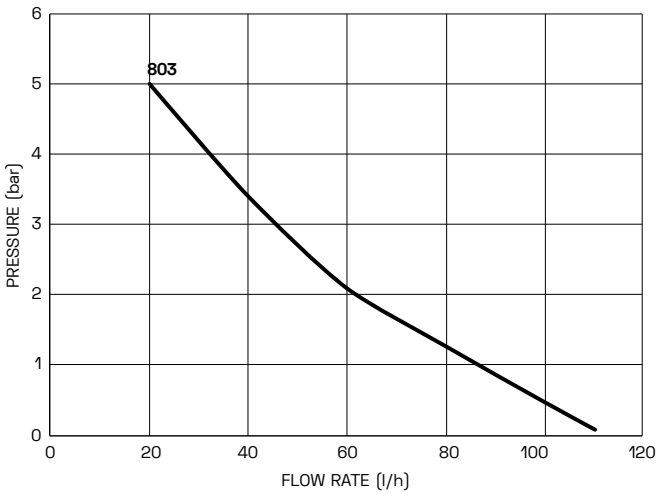
INJECTION FITTING		
CODE	SIZE	RRP (€)
13077018	6X4	**76**
13077019	8X12	**81**

SUCTION FILTER		
CODE	SIZE	RRP (€)
13077020	6X4	**76**
13077021	8X12	**81**

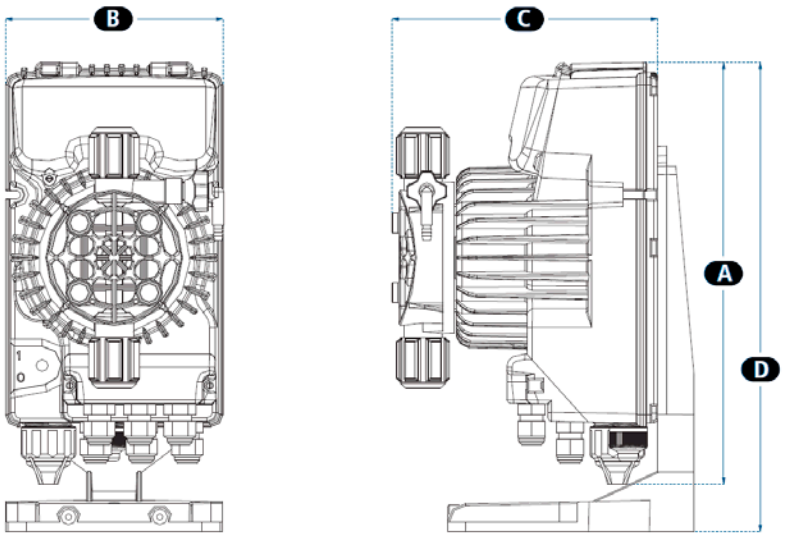
SPECIAL TUBE pe		
CODE	SIZE	RRP (€)
13077038	6X4	**4**
13077028	10X12	**9**

INJECTION CURVE





DIMENSIONS



A	B	C	D
231	119	160.5	273.8

TECHNICAL INFORMATION

MODEL	BAR	L/H	KEYS MAXIMUMS	CC POR PRESS	TUBE CONNECTION	WATS
600	20	2.5	120	0,35	4 / 6	12,0
	18	3		0,41		
603	12	4	160	0,42	4 / 6	12,2
	10	5		0,52		
	8	6		0,63		
	2	8		0,83		
800	12	7	320	0,36	4 / 6	23,9
	10	10		0,52		
	5	15		0,78		
	1	18		0,94		
803	5	20	300	1,11	8 / 12	22,2
	4	25		1,39		
	2	40		2.22		
	1	54		3		

TPG ELECTROMAGNETIC PUMP

The TEKNA pump can be controlled with an external input 4-20ma or pulses from a flowmeter, and make proportional control of the injection according to the measurement provided.



MATERIAL CHARACTERISTICS

Head: PVDF

Diaphragm: PTFE

Valves: Ceramic

Gaskets: Viton

Housing: Fiberglass reinforced polypropylene (PP)

Panel: LCD

OPERATING CHARACTERISTICS

Allows proportional dosing via analog input (0/4-20 mA or 20-4/0 mA).

The standard power supply of the pump is 100-240 V AC, 50-60 Hz.

manual dosing, proportional dosing with external signal, and dosing with external impulses.

MODELS

CODE	LITERS / H	BAR	MODEL	ML/IMP	TUBO Ø	RRP (€)
13075030	4 8	12 2	603	0.42 0.83	6x4	**580,64**
13075031	7 18	16 1	800	0.39 1	6X4	**660,12**
13075032	30 55	5 2	803	1.67 3	8X12	**805,62**

ACCESSORIES





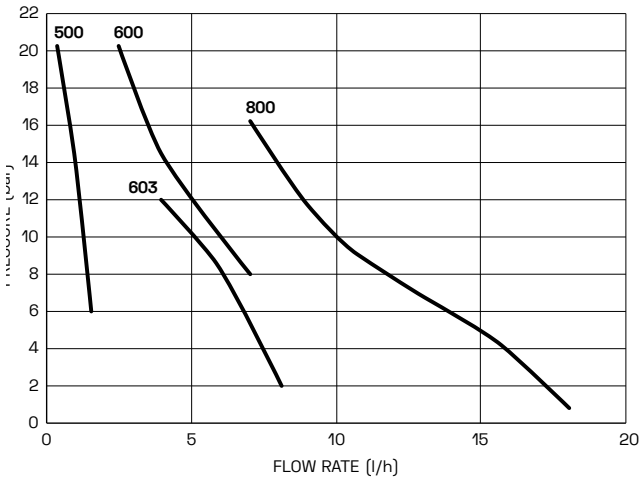


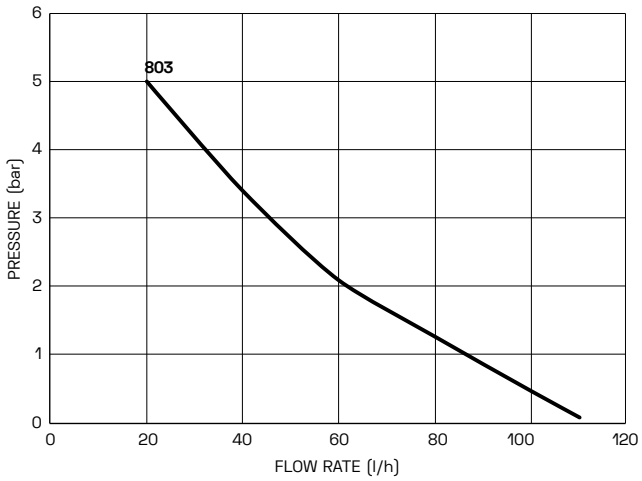
INJECTION FITTING		
CODE	SIZE	RRP (€)
13077018	6X4	**76**
13077019	8X12	**81**

SUCTION FILTER		
CODE	SIZE	RRP (€)
13077020	6X4	**76**
13077021	8X12	**81**

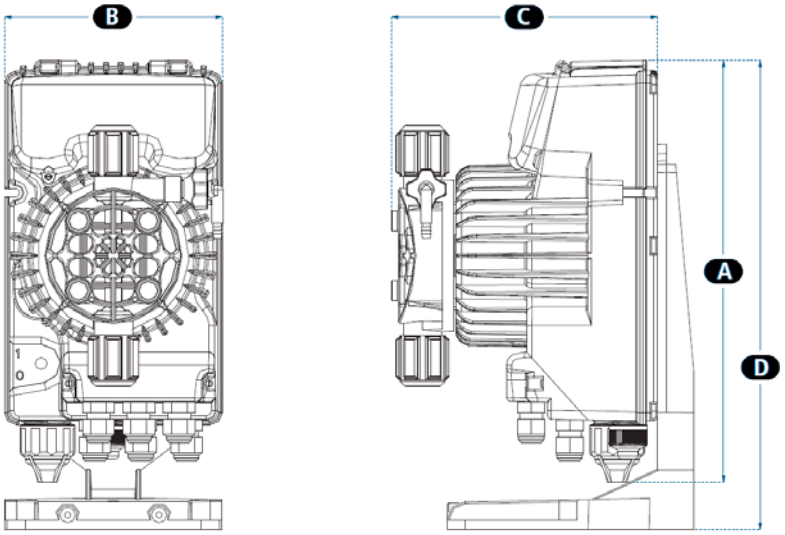
SPECIAL TUBE pe		
CODE	SIZE	RRP (€)
13077038	6X4	**4**
13077028	10X12	**9**

INJECTION CURVE





DIMENSIONS



A	B	C	D
231	119	160.5	273.8

TECHNICAL INFORMATION

MODEL	BAR	L/H	KEYS MAXIMUMS	CC POR PRESS	TUBE CONNECTION	WATS
600	20 18	2.5 3	120	0,35 0,41	4 / 6	12,0
603	12 10 8 2	4 5 6 8	160	0,42 0,52 0,63 0,83	4 / 6	12,2
800	12 10 5 1	7 10 15 18	320	0,36 0,52 0,78 0,94	4 / 6	23,9
803	5 4 2 1	20 25 40 54	300	1,11 1,39 2.22 3	8 / 12	22,2

TPR ELECTROMAGNETIC PUMP

The TEKNA pump can measure parameters such as pH, ORP with the connection of the appropriate probe, regulating the injection frequency in relation to the measurement.



MATERIAL CHARACTERISTICS

Head: PVDF

Diaphragm: PTFE

Valves: Ceramic

Gaskets: Viton

Housing: Fiberglass reinforced polypropylene (PP)

OPERATING CHARACTERISTICS

Digital panel with integrated pH/Redox meter, which allows constant or proportional dosing depending on the measurement

Its flow range is from 0,4 to 110 L/h and supports back pressure of up to 20 bar

Powered

MODELS

CODE	LITERS / H	BAR	MODEL	ML/IMP	TUBO Ø	RRP (€)
13075034	4 8	12 2	603	0.42 0.83	6x4	**689,76**
13075035	7 18	16 1	800	0.39 1	6X4	**797,54**
13075036	30 55	5 2	803	1.67 3	8X12	**924,17**

ACCESSORIES



probe holder		
CODE	SIZE	RRP (€)
13077013	1/2"	**30**
13077019	8X12	**81**

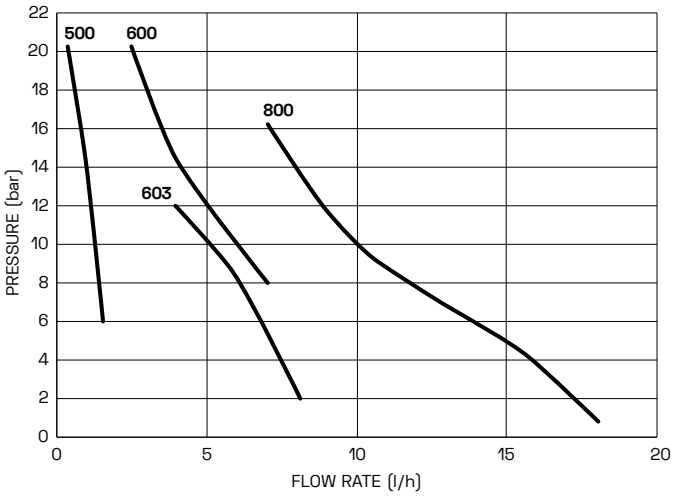


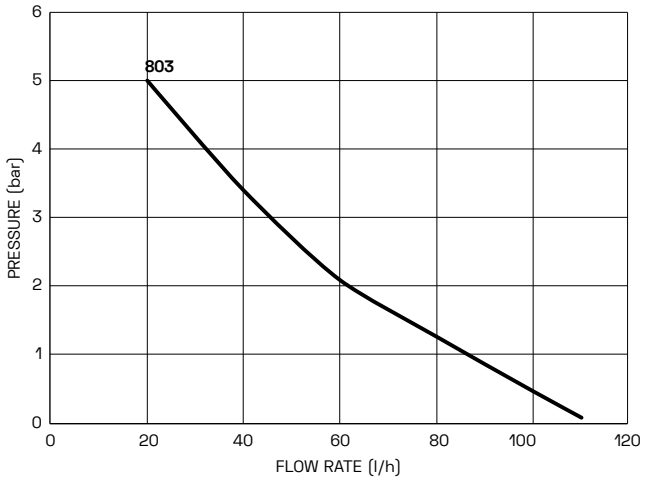
CALIBRATION SOLUTIONS		
CODE	SIZE	RRP (€)
13077022	PH 4 - 7	**20**
13077024	REDOX	**16,68**



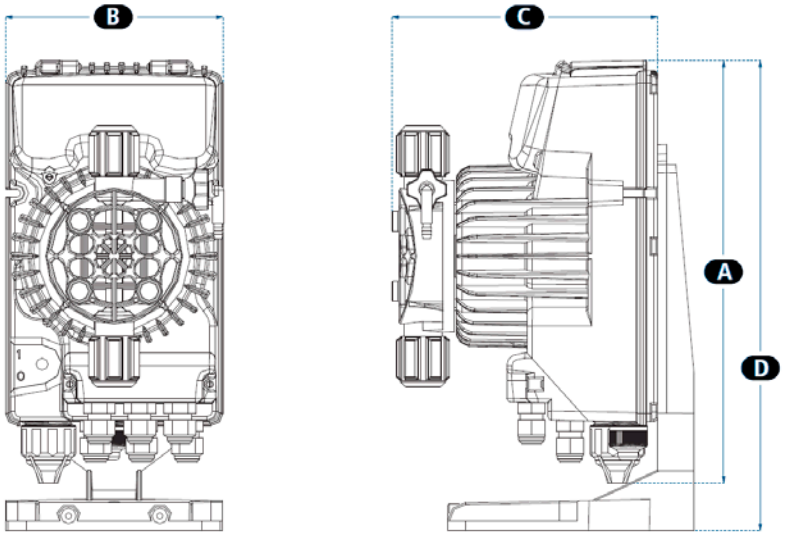
probes		
CODE	SIZE	RRP (€)
13077005	PH 4 - 7	**120**
13077006	REDOX	**150**

INJECTION CURVE





DIMENSIONS



A	B	C	D
231	119	160.5	273.8

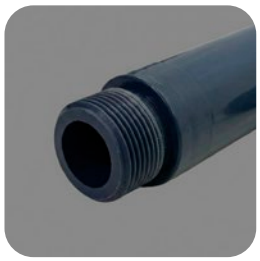
TECHNICAL INFORMATION

MODEL	BAR	L/H	KEYS MAXIMUMS	CC POR PRESS	TUBE CONNECTION	WATS
600	20	2.5	120	0,35	4 / 6	12,0
	18	3		0,41		
603	12	4	160	0,42	4 / 6	12,2
	10	5		0,52		
	8	6		0,63		
	2	8		0,83		
800	12	7	320	0,36	4 / 6	23,9
	10	10		0,52		
	5	15		0,78		
	1	18		0,94		
803	5	20	300	1,11	8 / 12	22,2
	4	25		1,39		
	2	40		2.22		
	1	54		3		

VENTURI INJECT LZS-100

LZS-100 Venturi Injector has no moving parts, which allows liquid fertilizers to be sucked directly into the irrigation flow using the pressure difference. Made of PVC, it does not require external power and is installed in bypass with the main pipe, ensuring uniform dosage of the product.







MATERIAL CHARACTERISTICS

Body: Weather-resistant PVC chemicals and pressure

OPERATING CHARACTERISTICS

Connection threads: 3/4" para input/output; 1/2" or 3/4" for injection depending on model

Injection capacity: 600, 1200 or 2000 L/h

Operates solely on system water pressure.

High precision in fertilizer injection.

MODELS

CODE	MODEL	LITERS/H	CONNECTION	MATERIAL	RRP (€)
13071012	PVC15	310 - 700	1/2"	PVC	**33**

ACCESSORIES



PQ REGULATION VALVES		
CODE	MODEL	RRP (€)
12052005	1/2" (DN15)	**20**
13076014	25 (DN20)	**35**

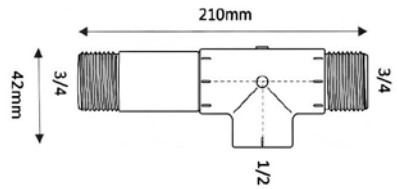


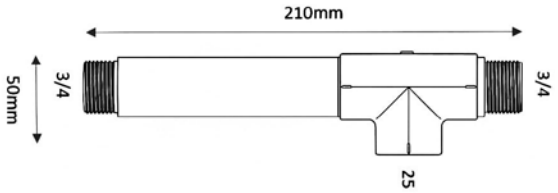
PQ SOLENOID VALVE IFLOWCONTROL		
CODE	MODEL	RRP (€)
13076070	5MM 24/AC	**150**
13076071	8MM 24/AC	**162**
13076072	10MM 24/AC	**162**



ROTAMETERS
SEE PAGE

DIMENSIONS





PERFORMANCE

VENTURI 1/2"			
Inlet Pressure (Bar)	Outlet Pressure (Bar)	Suction Flow Rate (L/h)	Drive Flow (L/h)
0,5	0	412	323
	0,1	224	320
1	0	507	410
	0,1	393	410
	0,2	280	410
	0,3	164	408
1,5	0	705	437
	0,3	325	435
	0,5	110	430
2	0	792	470
	0,3	484	465
	0,5	286	460
	0,6	168	460
2,5	0	799	515
	0,3	582	510
	0,8	142	508
3	0	800	540
	0,3	705	536
	0,5	526	530
	0,9	207	530
3,5	0	797	570
	0,5	660	565
	0,7	533	565
	1	250	560
	1,1	169	560
4	0	797	593
	0,5	756	585
	0,8	530	583
	1	370	580
	1,3	144	580
4,5	0	794	622
	0,5	788	620
	1	478	618
	1,04	180	610
5	0	798	622
	0,5	700	620
	1	510	618

VENTURI 3/4"			
Inlet Pressure (Bar)	Outlet Pressure (Bar)	Suction Flow Rate (L/h)	Drive Flow (L/h)
0,5	0	740	859
	0,1	610	856
	0,3	120	847
1	0	1100	1094
	0,1	961	1090
	0,5	100	1080
1,5	0	1268	1181
	0,1	1187	1182
	0,3	897	1181
	0,5	547	1177
	0,7	198	1177
2	0	1350	1310
	0,2	1272	1310
	0,4	1011	1308
	0,5	865	1308
	0,8	349	1308
	0,9	179	1308
2,5	0	1350	1394
	0,3	1230	1392
	0,5	1072	1392
	0,8	622	1392
	1,1	304	1390
	1,1	120	1390
3	0	1350	1482
	0,4	1350	1481
	0,5	1250	1481
	0,7	1046	1481
	1	564	1480
	1,2	233	1480
3,5	0	1350	1567
	0,5	1350	1567
	0,8	1120	1567
	1	831	1565
	1,4	140	1565
4	0	1350	1648
	0,5	1350	1646
	1	1015	1644
	1,5	268	1642
	1,6	120	1642

VENTURI INJECT LZS-150

Differential pressure Venturi injector, designed to inject fertilizers, chemicals in irrigation or treatment systems. Its operation takes advantage of the water pressure; requires no electrical power, additional pumps or complex maintenance.







MATERIAL CHARACTERISTICS

Body: Polypropylene (PP).

Ball: ceramic.

Spring: stainless steel 316.

Gasket: high resistance silicone.

OPERATING CHARACTERISTICS

Maximum pressure: 10 bar.

Measurements: ½", ¾", 1" , 1-1/2"

It is connected in bypass in the general water line.

MODELS

CODE	LITERS / H	CONNECTION	DIAMETER (MM)	MATERIAL	RRP (€)
13071006	15 - 30	1/2"	6	PP	**32**
13071007	30 - 95	3/4"	6	PP	**39**
13071008	75 - 378	1"	9,5	PP	**65**
13071009	255 - 683	1 1/2"	12	PP	**80**

ACCESSORIES



VENTURI SUCTION KIT		
CODE	MODEL	RRP (€)
13076023	1/2" - 3/4"	**20**
13076024	1"	**25**
13076025	1-1/2"	**35**

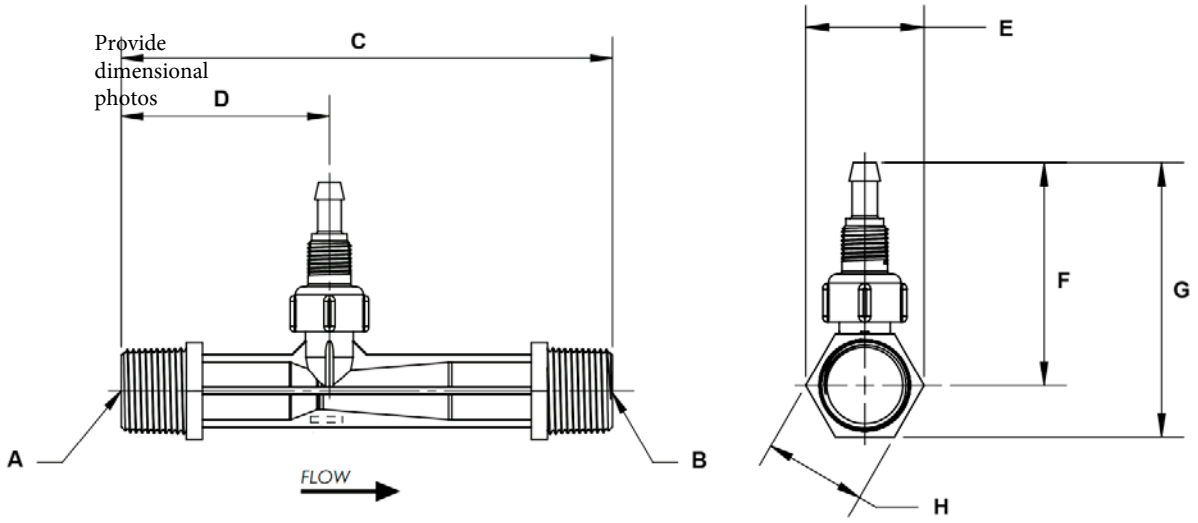


PQ SOLENOID VALVE IFLOWCONTROL		
CODE	MODEL	RRP (€)
13076070	5MM 24/AC	**150**
13076071	8MM 24/AC	**162**



ROTAMETERS
SEE PAGE

DIMENSIONS



DN	A	B	C	D	E	F	G	H
1/2”	150	64	34	64	78	29	1/2”	1/2”
3/4”	150	64	34	64	78	29	3/4”	3/4”
1”	229	94	34	86	105	34	1”	1”
1-1/2”	279	140	48	86	110	48	1-1/2”	1-1/2”

PERFORMANCE

DN	0,8 BAR		1,0 BAR		1,5 BAR		2,0 BAR	
	Water flow L/H	Absorption L/H	Water flow L/H	Absorption L/H	Water flow L/H	Absorption L/H	Water flow L/H	Absorption L/H
1/2”	280	63	305	70	353	74	389	74
3/4”	880	97	961	107	1098	114	1192	113
1”	1758	158	2112	244	2578	265	3043	357
1-1/2”	3540	544	4140	619	4980	787	5880	786

DN	2,5 BAR		3,0 BAR		3,5 BAR	
	Water flow rate L/H	Absorption L/H	Water flow rate L/H	Absorption L/H	Water flow rate L/H	Absorption L/H
1/2”	420	71	448	71	447	72
3/4”	1292	113	1372	113	1462	113
1”	3290	356	3691	352	3933	349
1-1/2”	6480	785	6720	779	7704	778

MAZZEI VENTURI INJECT

MAZZEI differential pressure Venturi injector, designed to inject fertilizers, chemicals in irrigation or treatment systems. Its operation takes advantage of the water pressure; requires no electrical power, additional pumps or complex maintenance.







MATERIAL CHARACTERISTICS

Body: Polypropylene (PP).

Ball: ceramic.

Spring: stainless steel 316.

Gasket: high resistance silicone.

OPERATING CHARACTERISTICS

Maximum pressure: 10 bar.

Measurements: ½", ¾", 1" , 1-1/2",2"

It is connected in bypass in the general water line.

MODELS

CODE	LITERS / H	CONNECTION	DIAMETER (MM)	MATERIAL	RRP (€)
13071001	15 - 30	1/2"	6	PP	**43,66**
13071002	30 - 95	3/4"	6	PP	**51,25**
13071004	75 - 378	1"	9,5	PP	**88,11**
13071005	255 - 683	1 1/2"	12	PP	**109,87**
13071006	600 - 900	2"	12	PP	**162**

ACCESSORIES



VENTURI SUCTION KIT

CODE	MODEL	RRP (€)
13076023	1/2" - 3/4"	**20**
13076024	1"	**25**
13076025	1-1/2"	**35**



PQ SOLENOID VALVE

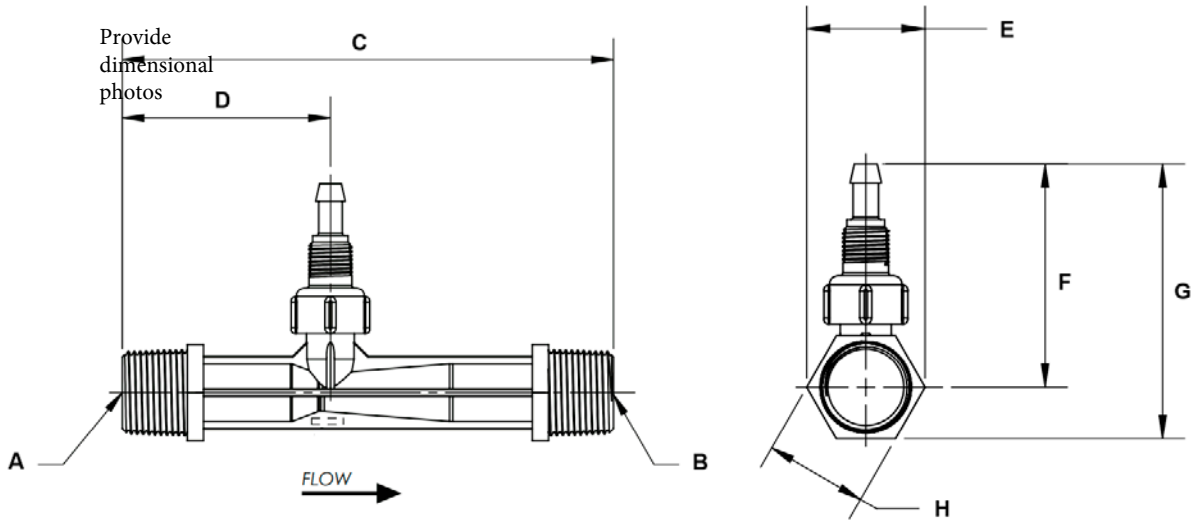
CODE	MODEL	RRP (€)
13076071	8MM 24/AC	**162**
13076072	10MM 24/AC	**162**



ROTAMETERS

SEE PAGE

DIMENSIONS



DN	A	B	C	D	E	F	G	H
1/2”	150	64	34	64	78	29	1/2”	1/2”
3/4”	150	64	34	64	78	29	3/4”	3/4”
1”	229	94	34	86	105	34	1”	1”
1-1/2”	279	140	48	86	110	48	1-1/2”	1-1/2”

PERFORMANCE

DN	0,8 BAR		1,0 BAR		1,5 BAR		2,0 BAR	
	Water flow L/H	Absorption L/H	Water flow L/H	Absorption L/H	Water flow L/H	Absorption L/H	Water flow L/H	Absorption L/H
1/2”	280	63	305	70	353	74	389	74
3/4”	880	97	961	107	1098	114	1192	113
1”	1758	158	2112	244	2578	265	3043	357
1-1/2”	3540	544	4140	619	4980	787	5880	786
2”	6880	1850	7852	1550	9260	1670	11080	1730

DN	2,5 BAR		3,0 BAR		3,5 BAR	
	Water flow rate L/H	Absorption L/H	Water flow rate L/H	Absorption L/H	Water flow rate L/H	Absorption L/H
1/2”	420	71	448	71	447	72
3/4”	1292	113	1372	113	1462	113
1”	3290	356	3691	352	3933	349
1-1/2”	6480	785	6720	779	7704	778
2”	12260	1720	12660	1724	14230	1710

POLYESTER FERTILIZER TANK

This tank is designed to store and inject fertilizers, chemicals in irrigation or treatment systems. Its operation takes advantage of the water pressure; requires no electrical power, additional pumps or complex maintenance.







MATERIAL CHARACTERISTICS

Body: (Polyester).

Gasket: high resistance silicone.

Connections: PVC

OPERATING CHARACTERISTICS

Maximum pressure: 6 bar.

Capacity: 25 to 180L

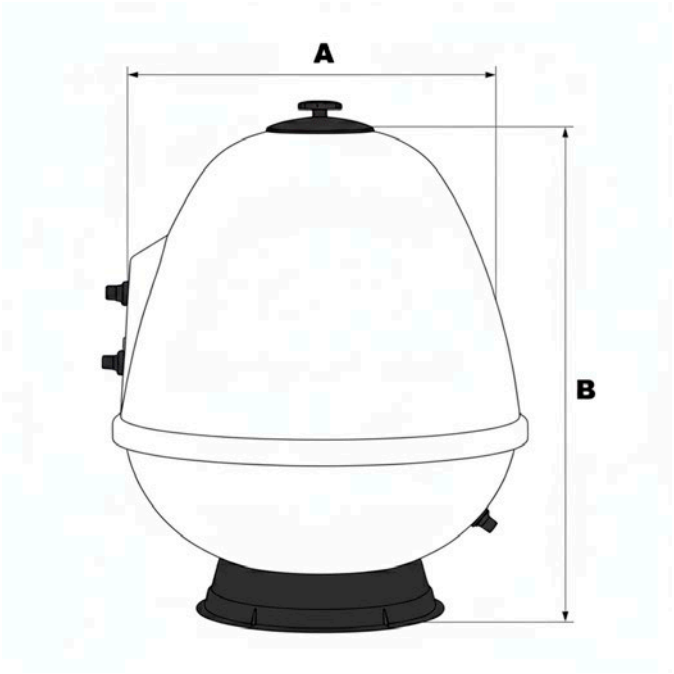
¾" connections.

It is connected in bypass in the general water line.

MODELS

CODE	LITERS / H	MAX. PRESSURE	CONEXIONES	MATERIAL	RRP (€)
13073001	25	6 BAR	¾"	POLYESTER	**413,66**
13073002	40	6 BAR	¾"	POLYESTER	**355,04**
13073003	60	6 BAR	¾"	POLYESTER	**504**
13073004	90	6 BAR	¾"	POLYESTER	**559**
13073005	120	6 BAR	¾"	POLYESTER	**683**
13073006	180	6 BAR	¾"	POLYESTER	**903**
13073012	250	10 BAR	¾"	POLYESTER	**1.105**
13073007	40	10 BAR	¾"	POLYESTER	**517**
13073008	60	10 BAR	¾"	POLYESTER	**601**
13073009	90	10 BAR	¾"	POLYESTER	**675**
13073010	120	10 BAR	¾"	POLYESTER	**816**

DIMENSIONS



CAPACIDAD	A (MM)	B (MM)	MAX. PRESSURE	CONEXIONES
25 L	430	460	6 bar	¾"
40 L	430	550	6 bar	¾"
60 L	445	660	6 bar	¾"
90 L	445	820	6 bar	¾"
120 L	520	850	6 bar	¾"
180 L	660	980	6 bar	¾"
250 L	790	990	6 bar	¾"
340 L	800	1.000	6 bar	¾"
40 L	430	550	10 bar	¾"
60 L	445	660	10 bar	¾"
90 L	445	820	10 bar	¾"
120 L	520	850	10 bar	¾"
180 L	660	980	10 bar	¾"
250 L	790	990	10 bar	¾"
340 L	800	1.000	10 bar	¾"

FERTIRRIGATION
SOLENOID VALVE LZS-200

The LZS-200 solenoid valve is an electrically operated valve capable of working with high pulse frequency up to 3 per second, its piston design with Viton closure and its 316 stainless steel body make it ideal for being versatile to resist different fertilizers.







MATERIAL CHARACTERISTICS

Body: Stainless steel 316.

Spring: Stainless steel 316.

Gasket: FMK (viton).

OPERATING CHARACTERISTICS

Maximum pressure: 10 bar.

Measurements: ½ BSP

Voltage: 24V/AC-DC , 12VDC

Measurements: 5mm, 8mm, 10mm

Working pressures: ½

Max pressure: 1.5 bar

Max Succ Pressure: -1 bar

MODELS

CODE	LITERS / HOUR	VOLTAGE	CONNECTION	DIAMETER (MM)	MAX PRESSURE ASPIRACION/ SUCTION	RRP (€)
13076070	650	24V/AC	1/2"	5	8 /-1	**150**
13076071	760	24V/AC	1/2"	8	1.5 / -1	**162**
13076072	820	24V/AC	1/2"	10	1 / -1	**162**
13076073	760	12V/DC	1/2"	8	1.5 / -1	**100**
13076074	820	12V/DC	1/2"	10	1 / -1	**125**

ACCESSORIES



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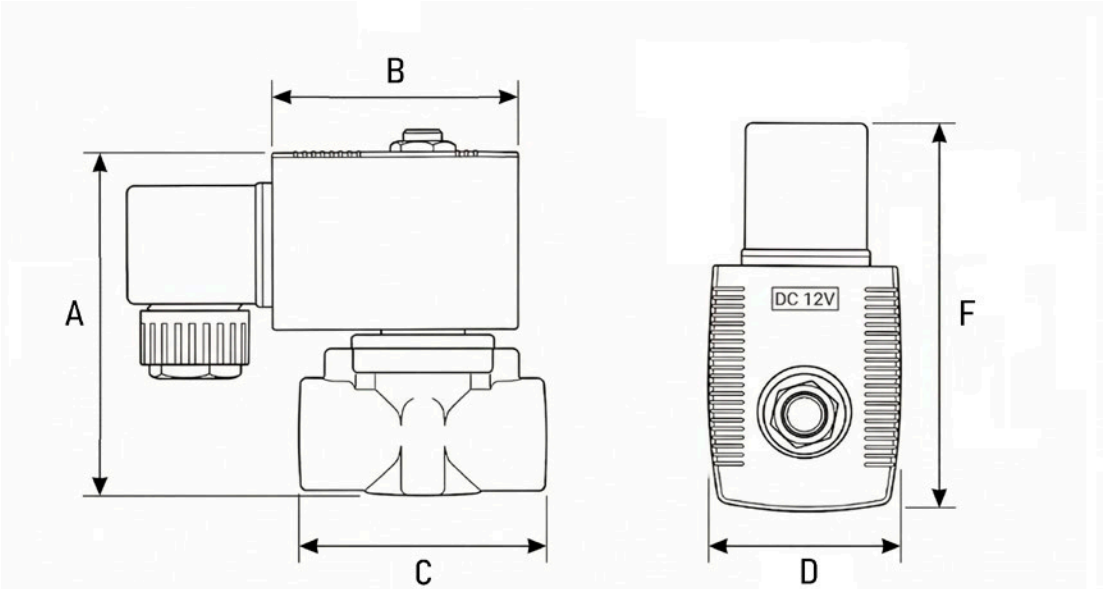
ROTAMETERS

SEE PAGE



PQ REGULATION VALVES		
CODE	MODEL	RRP (€)
12052005	1/2"	**20**
13076014	25	**35**

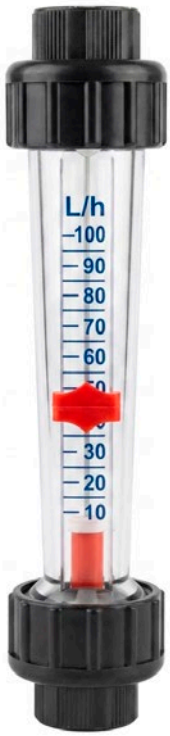
DIMENSIONS



DN	HOLE	A	B	C	D	F
1/2”	5	85.5	40	56	35.5	75
1/2”	8 - 10	85.5	56	56	43	89.6

ROTAMETER LZS-250

The LZS-250 rotameter is a simple instrument used to measure flow. It consists of a conical plastic tube with a float inside. When the fluid rises, it pushes the float, and the height at which it stabilizes inside the tube indicates the flow rate, read directly on a graduated scale.







MATERIAL CHARACTERISTICS

Float: Made of ABS

Tube: Made of transparent AS

Shaft: Stainless Steel 316

Gaskets: Viton

OPERATING CHARACTERISTICS

Flow rates from 10–100 L/h to 600–6000 L/h (depending on model)

The hydraulic connection is made by thread or by gluing.

Connection diameters: available are 3/4", 1/2" and 1"

The maximum working pressure for all models is 10bar.

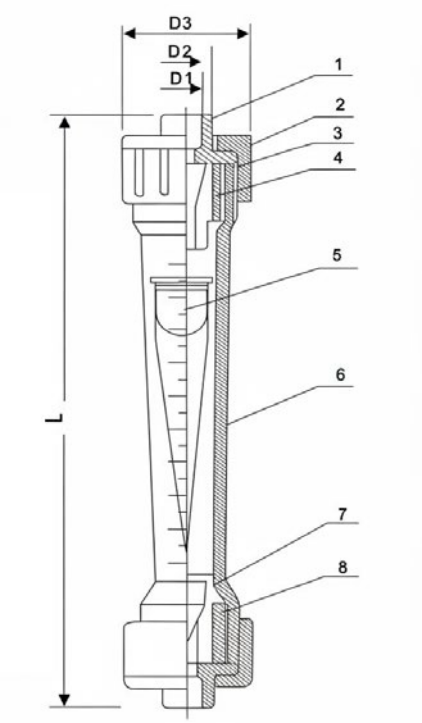
Connections: 15, 20, 25, 1/2", 3/4", 1"

Range, from minimum 100 L to 6000 L/h

MODELS

CODE	LITERS / H	CONNECTION		L (MM)	RRP (€)
13071032	10 - 100	THREAD	1/2"	200	**44**
13071022	25 - 250	THREAD	1/2"	200	**44**
13071023	50 - 500	THREAD	1/2"	200	**44**
13071027	100 - 1000	THREAD	1/2"	200	**44**
13071046	10 - 100	ENQUER	1/2"	200	**44**
13071047	25 - 250	ENQUER	1/2"	200	**44**
13071048	50 - 500	ENQUER	1/2"	200	**44**
13071049	100 - 1000	ENQUER	1/2"	200	**44**
13071033	160 - 1600	THREAD	3/4"	230	**84**
13071034	250 - 2500	THREAD	3/4"	230	**84**
13071035	300 - 3000	THREAD	3/4"	230	**84**
13071044	400 - 4000	THREAD	1"	288	**102**
13071045	600 - 6000	THREAD	1"	288	**102**

DIMENSIONS



N.º	NOMBRE	Modelo	L	D1	D2	D3
1	Connecting tube	15	202	20	26	45
2	Threaded cover	25	226	32	39	60
3	O-Ring (O-Seal)	32	288	40	49.5	74
4	Stop plate (upper)					
5	Scale / Graduation					
6	Conical tube					
7	Float					
8	Stop plate (bottom)					

ACCESSORIES







PQ REGULATION VALVES		
CODE	MODEL	RRP (€)
12052005	1/2" (DN15)	**20**
13076014	25 (DN20)	**35**

PQ SOLENOID VALVE		
CODE	MODEL	RRP (€)
13076070	5MM - 24/ AC	**150**
13076071	8MM - 24/AC	**162**
13076072	10MM - 24/AC	**162**

venturi		
CODE	CONNECTION	RRP (€)
13071001	1/2"	**43,66**
13071002	3/4"	**51,25**
13071004	1"	**88,11**
13071005	1 1/2"	**109,87**

REGULATION VALVES
LZS-300

Angle seat valves are especially suitable for flow control applications. The linearity of the relationship between valve opening and flow makes them appropriate mainly for agriculture, in automatic fertigation systems.









MATERIAL CHARACTERISTICS

Body: PVC.

Manual control: ABS, stainless steel 316

Gaskets: Viton (FMK)

OPERATING CHARACTERISTICS

Angle Model (1/2")

Inclined model 20 , 25 , ¾",

Cone-on-body closure systems.

Minimum pressure loss.

Total tightness to suction pressures.

Nominal Pressure: PN 16 bar

MODELS

CODE	CONNECTION	DN	MODEL	RRP (€)
12052005	1/2"	15	ANGLE	20
13076014	25	20	LIVE	35

ACCESSORIES



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SEE PAGE



PQ SOLENOID VALVE IFLOWCONTROL

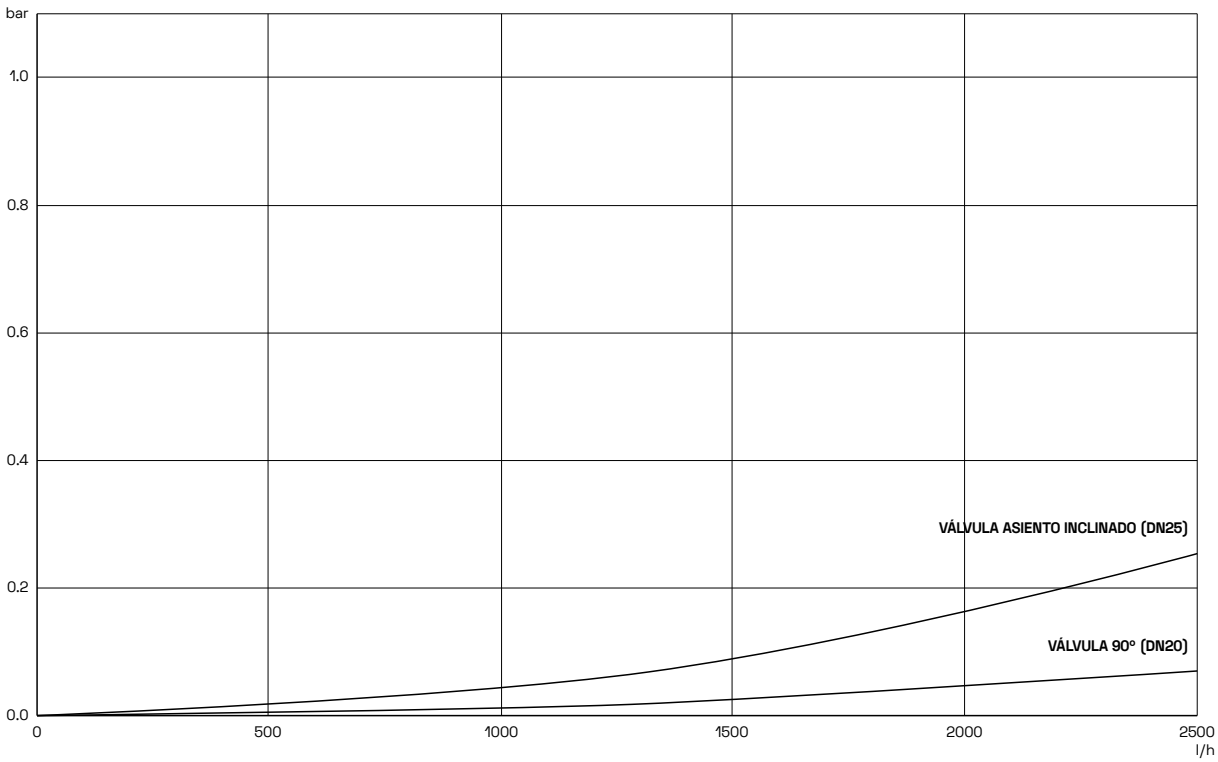
CODE	MODEL	RRP (€)
13076070	5MM 24/AC	**150**
13076071	8MM 24/AC	**162**



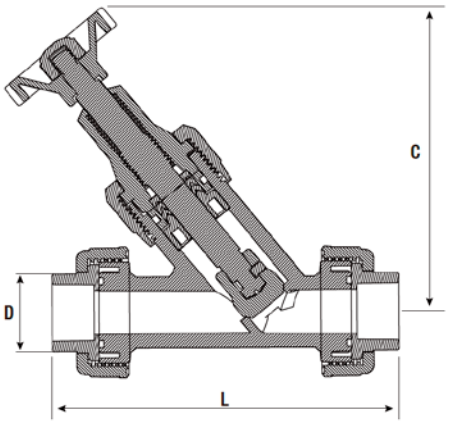
ROTAMETERS

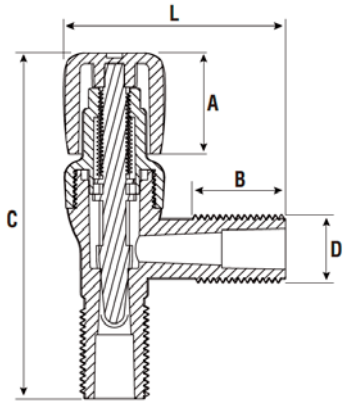
SEE PAGE

PRESSURE LOSS



DIMENSIONS





TILTED SEAT VALVES MEASUREMENTS		
L	C	D
154.5	136.1	34.5

VALVE MEASUREMENTS L				
L	C	A	B	D
65,3	102,8	29,8	27,3	20,3

AMIAD HYDRAULIC VALVE

The Amiad Chemical Valve is a normally closed (NC) valve designed for chemical applications in irrigation systems. Made of fiberglass-reinforced polypropylene, this valve offers high chemical and mechanical resistance. Ideal for handling aggressive liquids safely and effectively.









MATERIAL CHARACTERISTICS

Body: Fiberglass reinforced polypropylene

Spring: Stainless steel 316

Gaskets: Viton

Screws: Stainless steel

OPERATING CHARACTERISTICS

Valve type: Normally closed (NC)

Maximum working pressure: 20 bar

Minimum opening pressure: 1,5 bar

Connection: Male thread 3/4”

Drive: Hydraulic or electric via solenoid

Applications: Injection of chemical products, flow control in irrigation systems and industrial processes

MODELS

CODE	MODEL	RRP (€)
13076001	VAL 3/4”	117,66

ACCESSORIES





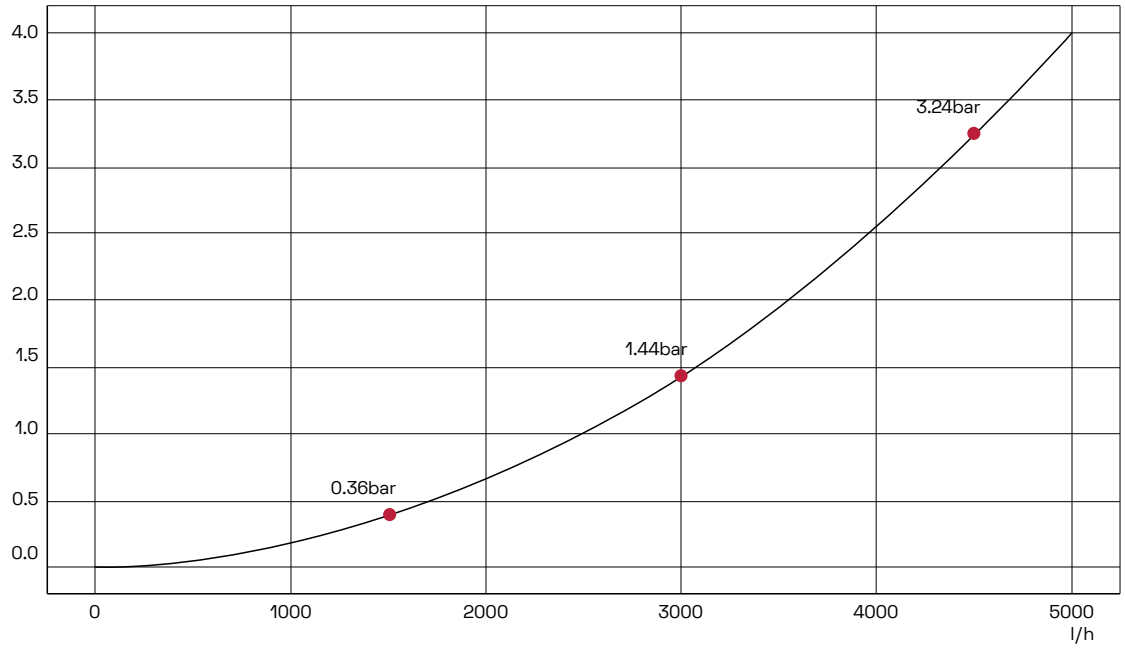


PQ INOX HYDRAULIC VALVE		
CODE	**MODEL**	**RRP (€)**
13076073	NC - 3/4”	**100**

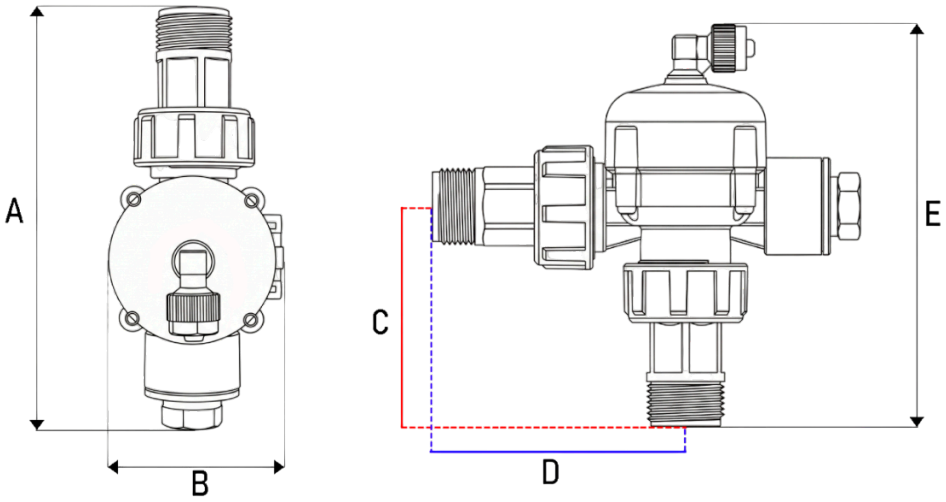
METAL BASE IFLOW SOLENOID		
CODE	**MODEL**	**RRP (€)**
11021052	NC -24VAC	**48**

PQ AMIAD CHECK VALVE		
CODE	**MODEL**	**RRP (€)**
13076013	3/4”	**25,6**

PRESSURE LOSS



DIMENSIONS



DN	A	B	C	D	E
3/4	140	54	73	82	129

CHEMICAL RESISTANCE

PRODUCT	RESISTANCE
Hydrochloric acid	All concentrations
Nitric acid	10% max.
Sulfuric acid	60% max.

PQ INOX HYDRAULIC VALVE IF-100

The Iflow Chemical Valve is a normally closed (NC) valve designed for chemical applications in irrigation systems. Made of stainless steel 316 and pneumatic actuator with fiberglass, this valve offers high chemical and mechanical resistance. Ideal for handling aggressive liquids safely and effectively.







MATERIAL CHARACTERISTICS

Body: Stainless steel 316, actuator Polypropylene reinforced with fiberglass.

Spring: Stainless steel 316.

Gaskets: Viton and Teflon

Closing disc: Viton

OPERATING CHARACTERISTICS

Valve type: Normally closed **(NC).**

Maximum working pressure: 10 bar.

Minimum opening pressure: 2.5 bar.

Connection: Male thread 3/4", 1" , 1-1/2"

Drive: Hydraulic or electric via solenoid.

MODELS

CODE	MODEL	CONNECTION	HOLE MM	TIPO	MAX PRESSURE	RRP (€)
13076073	DN20	3/4"	17	NC	10	**100**
13076074	DN25	1"	23	NC	10	**125**
13076075	DN40	1-/2"	32	NC	10	**180**

ACCESSORIES



BACK PRESSURE Valve		
CODE	MODEL	RRP (€)
12042001	DN25	**102**

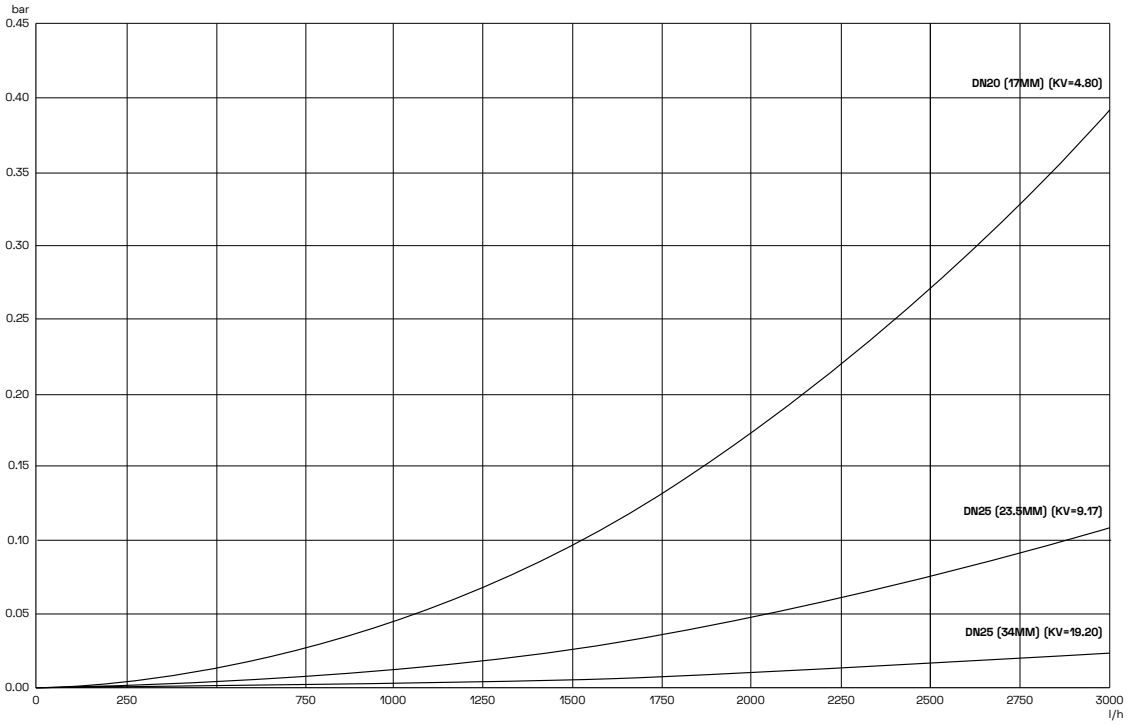


METAL BASE IFLOW SOLENOID		
CODE	MODEL	RRP (€)
11021052	NC 24VAC	**48**

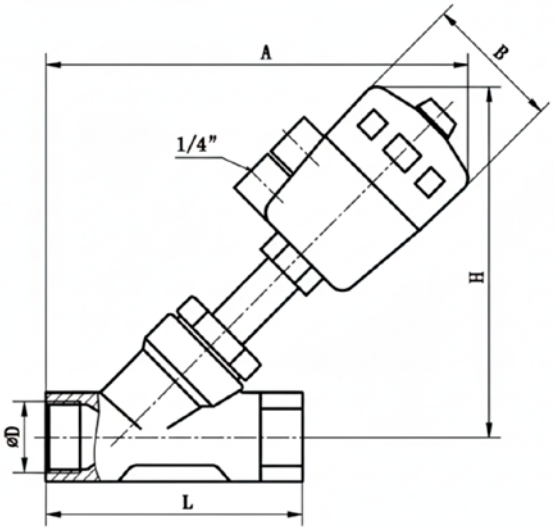


PQ AMIAD CHECK VALVE		
CODE	MODEL	RRP (€)
13076013	3/4"	**25,6**

PRESSURE LOSS



DIMENSIONS



MODEL	L	A	H	D	E
DN20	95	178	145	3/4"	64
DN25	105	210	165	1"	64
DN40	130	228	190	1 1/2"	80

SF / DISHON FERTILIZER WATER METER

The fertilizer water meter is designed to accurately measure the flow rate and volume of liquid solutions such as fertilizers, acids or non-corrosive chemicals. Its construction in corrosion-resistant plastic materials guarantees a long useful life even in aggressive environments.







MODEL 15-1/2"



MODEL 25-1"

MATERIAL CHARACTERISTICS

Body: Reinforced technical plastic (PPS).

Rotor: High resistance polymer.

Axles and bearings: Ceramic and stainless steel.

Gaskets: Viton.

OPERATING CHARACTERISTICS

Flow range: 20 to 2500 L/h depending on the model.

Maximum working pressure: 5 bar, ½" model, 10 bar, 1" model.

Electrical output: Reed pulse sensor with 0.1 / 1 / 10 / 100 L per pulse.

Accuracy: ±2 % of measured volume.

Mounting: In-line, horizontal or vertical installation with upward flow.

MODELS

CODE	SIZE	CONNECTION	Q M3	PULSO	UNITS/BOX	RRP (€)
10007007	15	1/2"	1,5	1L	1	**305,55**
10007006	15	1/2"	1,5	0.1L	1	**305,55**
10007003	25	1"	5	1L	1	**924**

ACCESSORIES



BACK PRESSURE Valve		
CODE	MODEL	RRP (€)
12042001	DN25	**19**

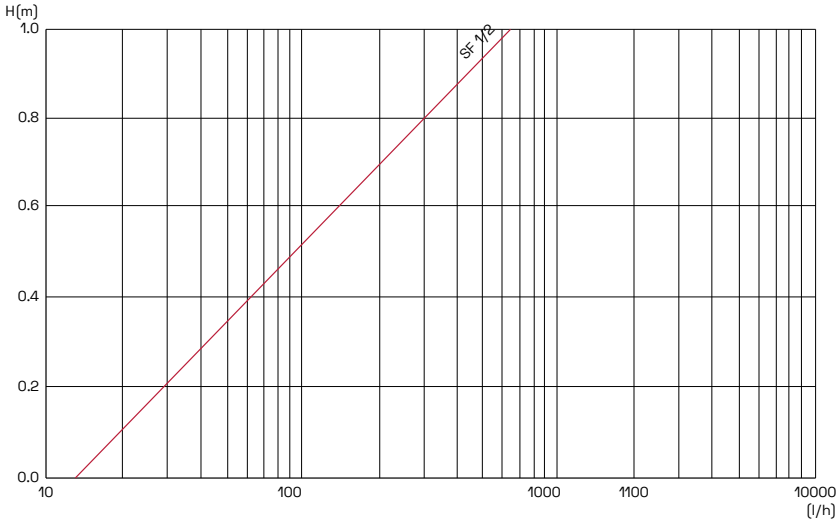


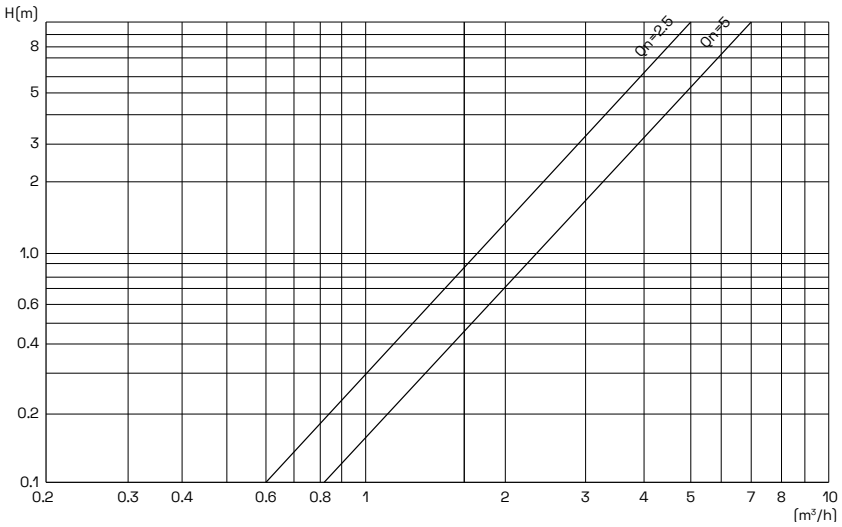
PQ AMIAD CHECK VALVE		
CODE	MODEL	RRP (€)
13076013	3/4"	**25,6**



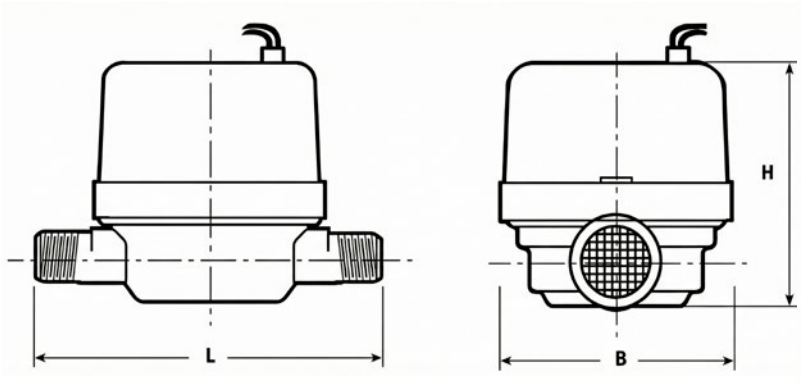
filter pq 3/4"		
CODE	MODEL	RRP (€)
12052001	3/4"	**51**

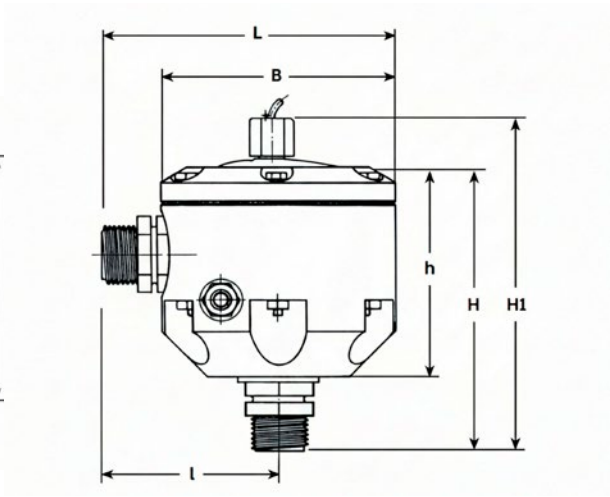
PRESSURE LOSS





DIMENSIONS





MODEL DN15 (LINE)					
DN	CONNECTION	L	H	B	(KG)
15	1/2"	110	81	77	0.28

MODEL DN25 (ANGLE)							
DN	CONNECTION L	L	H	H1	H	B	(KG)
25	1	150	90	150	170	115	120	0.875

DRIP IRRIGATION

Drip systems for irrigation.

- On-line drippers.
- Microirrigation accessories.
- Cleaning and control accessories
- Valves and connections



BACK TO CONTENTS

PRECISION DRIP SOLUTIONS









01 Supertif PC-PCND drippers

02 Self-compensating and anti-draining drippers PC, PCJ

03 Accesorio microrrigación en poliamida

Cleaning and anti-drain valves
04

SUPERTIF PC DRIPPER - PCND

The SuperTif uses a silicone diaphragm that adjusts to pressure changes to ensure a constant flow rate (self-compensating). This mechanism includes a continuous self-cleaning system that expels sediment, avoiding blockages during irrigation.







MATERIAL CHARACTERISTICS

Body and Lid: High-density polypropylene (resistant to UV rays and agricultural chemicals).

Diaphragm: High precision injected silicone (maintains long-term elasticity).

OPERATING CHARACTERISTICS

Working pressure: Generally operates in a range of 0.7 to 4.0 bar

Available flow rates: 2.2, 3.8, 7.8 (l/h).

Main functions:

PC (Self-compensating): Maintains uniform flow regardless of inlet pressure.

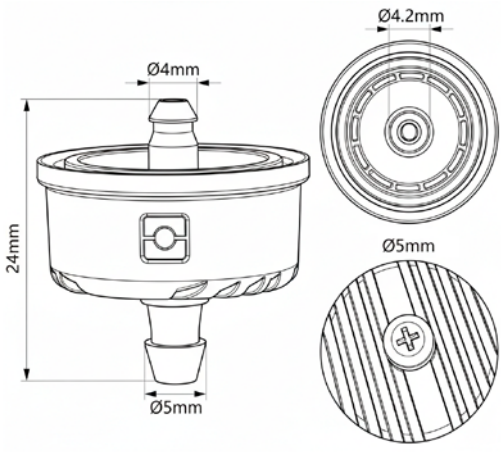
ND (Non-Drain): The dripper automatically closes when the pressure drops.

MODELS

SELF-COMPENSATING				
CODE	**LITERS/H**	**COLOR**	**BOX UNITS**	**RRP (€)**
15157039	2.2	BLACK / BROWN	4000	**0,22**
15157040	3.8	BLACK / BROWN	4000	**0,22**
15157041	7.8	BLACK / BROWN	4000	**0,22**

SELF-COMPENSATING-ANTIDRAINING				
CODE	**LITERS/H**	**COLOR**	**BOX UNITS**	**RRP (€)**
15157042	2.2	BROWN / BROWN	4000	**0,22**
15157043	3.8	BROWN / BLACK	4000	**0,22**
15157044	7.8	BROWN / GREEN	4000	**0,22**

DIMENSIONS



TECHNICAL INFORMATION

TYPE OF DRIPPER FLOW (L/H)		BASE COLOR	Cover Color	Min. pressure (m)	Max. pressure (m)	Sealing pressure (m)	QUANTITY (BAG)	QUANTITY (BOX)	Product number
Supertif PC	2.2	Negro	Marrón	6	35	-	1000	4000	201015523
	3.85	Negro	Negro	6	35	-	1000	4000	201015524
	7.8	Negro	Verde	6	35	-	1000	4000	201015525
	12	Negro	Rojo	6	35	-	1000	4000	201015526
	25	Negro	Orange	10	35	-	1000	4000	201015527
Supertif PCND	1.1	Marrón	Light gray	7	35	1.5	1000	4000	201015528
	2.2	Marrón	Marrón	7	35	1.5	1000	4000	201015531
	3.85	Marrón	Negro	7	35	1.5	1000	4000	201015533
	7.8	Marrón	Verde	7	35	1.5	1000	4000	201015534

Our Iflowcontrol microirrigation accessories are the definitive solution for Agriculture, Gardening and Landscaping, offering a secure fit thanks to their serrated connection design, they are completely resistant to UV rays.



MATERIAL CHARACTERISTICS

Body: POM (Polyamide).

OPERATING CHARACTERISTICS

16 diameter mm.

For drip pipes with inner diameters of 14.2mm and 15.2mm.

Maximum recommended pressure 3.45 bar.

MODELS



CODE	CONNECTION (MM)	PRODUCT	CAJAS (UDS)	RRP (€)
15156001	16	LINK	1800	**0,08**



CODE	CONEXIÓN	PRODUCTO	CAJAS (UDS)	RRP (€)
15156007	16	CTR	2400	**0,09**

MODELS



CODE	CONNECTION (MM)	PRODUCT	CAJAS (UDS)	RRP (€)
15156009	16	CTR JOINT	1200	**0,11**



CODE	CONNECTION (MM)	PRODUCT	CAJAS (UDS)	RRP (€)
15156008	16	CRUZ	500	**0,29**



CODE	CONNECTION (MM)	PRODUCT	CAJAS (UDS)	RRP (€)
15156002	16	TE	800	**0,19**



CODE	CONNECTION (MM)	PRODUCT	CAJAS (UDS)	RRP (€)
15156020	16	PEAK	1000	**0,21**



CODE	CONNECTION (MM)	PRODUCT	CAJAS (UDS)	RRP (€)
15156003	16	ELBOW 90º	1000	**0,17**



CODE	CONNECTION (MM)	PRODUCT	CAJAS (UDS)	RRP (€)
15156024	16	VALVE	700	**0,6**

SIDE WASH VALVE

The side flush valve is designed for drip irrigation installations that require automatic cleaning of the side section. At the beginning of each irrigation cycle, the lateral emptying is activated, eliminating sediments and ensuring the correct functioning of the system.







MATERIAL CHARACTERISTICS

Body AND LID: PP

Connectors: barbed connection 16mm

Internal gaskets: Elastomers resistant to chemicals and irrigation water

OPERATING CHARACTERISTICS

Working pressure: 0,5 to 3 bar

Empty time: 15 – 25 seconds

Discharge volume: 2 ,3 liters

Applications: For automatic cleaning of laterals in drip irrigation systems

MODELS

CODE	CONNECTION	RRP (€)
15156016	16MM TOOTHED WASH VALVE	**5,7**

ACCESSORIES



LINK		
CODE	MODEL	RRP (€)
15156007	16	**0,09**

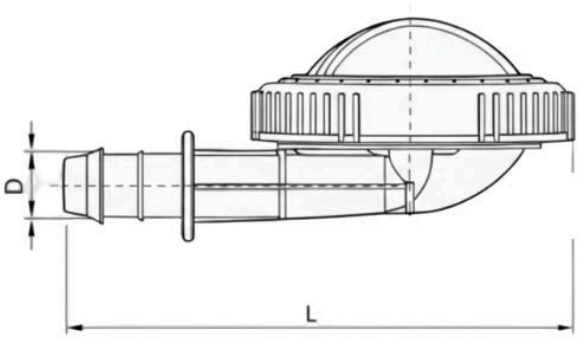


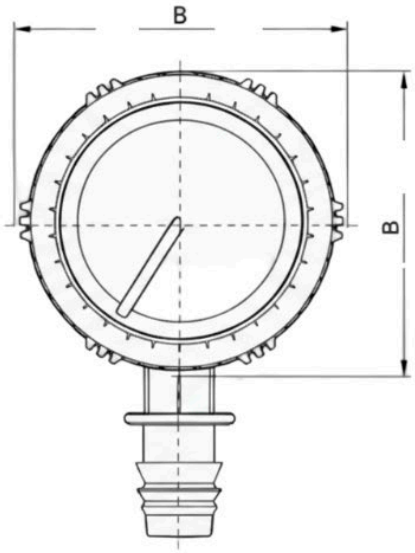
VALVE		
CODE	MODEL	RRP (€)
15156024	16	**0,60**



STAKE		
CODE	MODEL	RRP (€)
15156020	16	**0,21**

DIMENSIONS





CONNECTION	L	D	B	(KG)
16	100	16	72	0.28

NON-DRAIN Valve

Anti-drain valves for drip lines. Prevents emptying of secondary and main pipes after closing the system, improves irrigation uniformity and reduces filling time. Can reinforce drip lines and button drippers on steep slopes. Installation at the beginning of the drip laterals: maintains opening and closing synchronization along the pipe.







MATERIAL CHARACTERISTICS

Outlet / Inlet: Polypropylene **PP**

Body: Highly durable technical plastic

Sleeve, bearing and cover: Reinforced plastic

OPERATING CHARACTERISTICS

Recommended working pressure: 1,4–4 bar

Opening pressure: 14 m

Closing pressure: 6 m

Connections: 1/2" female BSP thread, 16mm serrated connection

MODELS

CODE	CONNECTION	RRP (€)
15156018	CNL VALVE 16MM TOOTHED	**5,1**

ACCESSORIES





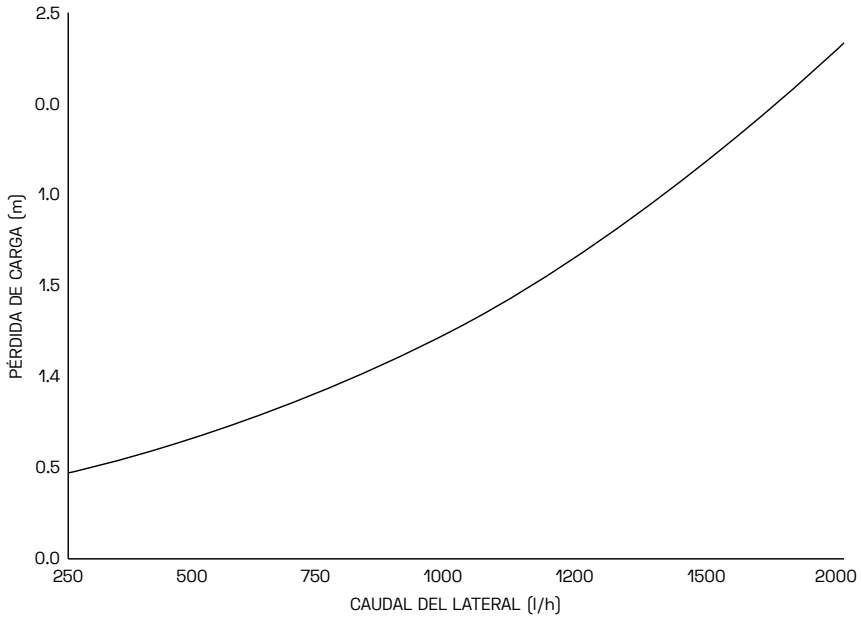


LINK		
CODE	MODEL	RRP (€)
15156007	16	**0,09**

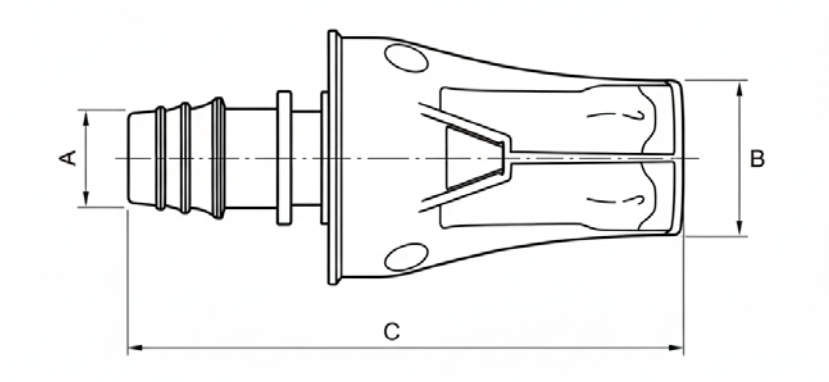
VALVE		
CODE	MODEL	RRP (€)
15156024	16	**0,60**

STAKE		
CODE	MODEL	RRP (€)
15156020	16	**0,21**

PRESSURE LOSS



DIMENSIONS



A (MM)	B	C (MM)
16	1/2"	110

VALVES

Air extraction systems,
water opening and closing

- Air valves
- Butterfly valves
- Gate valves
- Pressure reducers



BACK TO CONTENTS

PERFECT AIR CONTROL AND WATER FLOW MANAGEMENT









01 Iflowcontrol kinetic air valves, double effect, triple effect

02 Stainless steel butterfly valves, lever, reducer control, actuators

03 Resilient-seated gate valve

Roughing filters, basket and “Y” stone catchers 04

KINETIC AIR VALVE AV-100

The AV-100 kinetic air valve is a air valve with a high flow rate of air output at low pressure. The design and robustness make it the best air valve on the market and its easy access to the closing ball from the top by only unscrewing the cover, makes maintenance work easy and accessible.









MATERIAL CHARACTERISTICS

Body and lid: Polypropylene **(PP)**

Internal mechanism: Float and sealing seat in PP and **EPDM**

Protection and connections: BSP/NPT male thread and PP insect screen

OPERATING CHARACTERISTICS

Working pressure range: 0,2 to 10 bar

Maximum continuous operating temperature: 60 °C

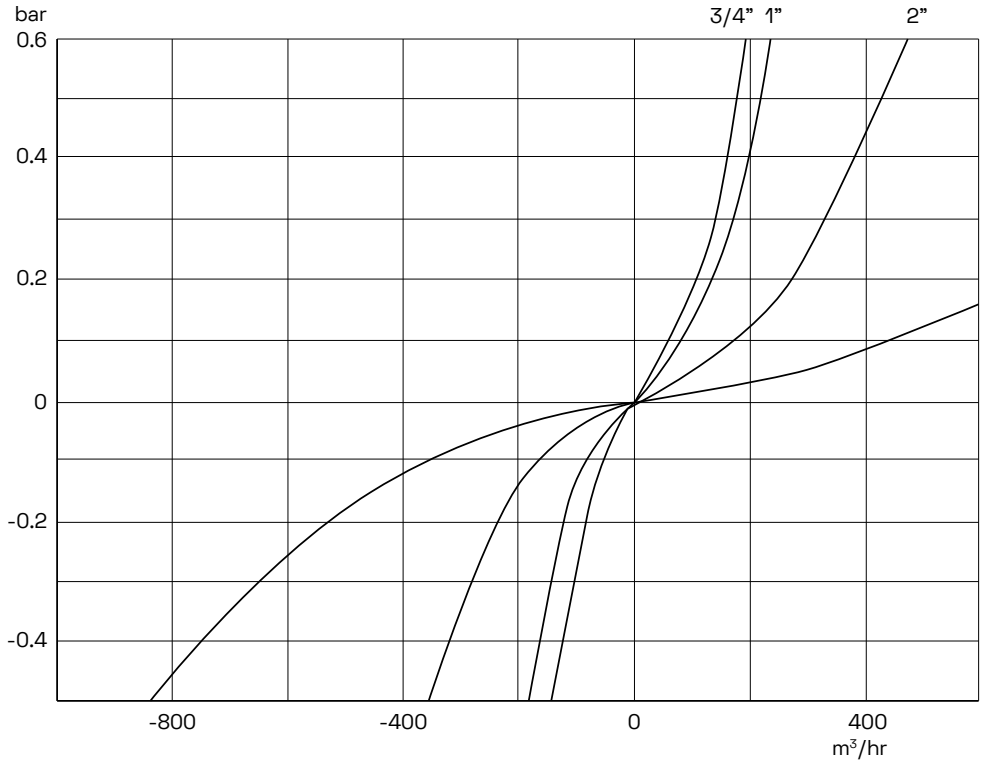
Maximum intermittent temperature (momentary): 90 °C

Hermetic seal, low pressure tightness

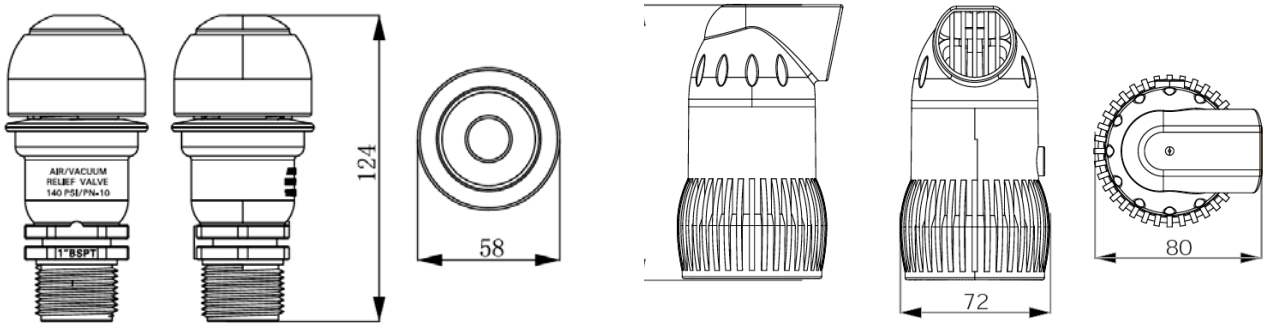
MODELS

CODE	CONNECTION		BASE	BAR MIN	MAX BAR	UNITS/BOX	RRP (€)
19191039	3/4"	RM	PP	0,2	10	12	**11**
19191040	1"	RM	PP	0,2	10	12	**11**
19191041	2"	RH	PP	0,2	10	6	**36**

PRESSURE LOSS



DIMENSIONS



CODE	CONNECTION	L	D	GR
19191039	3/4"	124	58	95
19191040	1"	124	58	95
19191041	2"	131	80	185

TRIPLE EFFECT AIR VALVE AV- 200

The AV-200 triple-effect air valve is a high-flow, low-pressure air outlet air valve, with a threaded rotating elbow to guide the triple-effect drainage. It combines the functions of admission and expulsion of large volumes of air with an automatic purge of small bubbles during operation under pressure.



MATERIAL CHARACTERISTICS

Body and lid: Polypropylene **(PP)**

Internal mechanism: Float and sealing seat in PP and **EPDM**

Protection and connections: BSP male thread

OPERATING CHARACTERISTICS

Working pressure range: 0,2 to 10 bar

Maximum continuous operating temperature: 60 °C

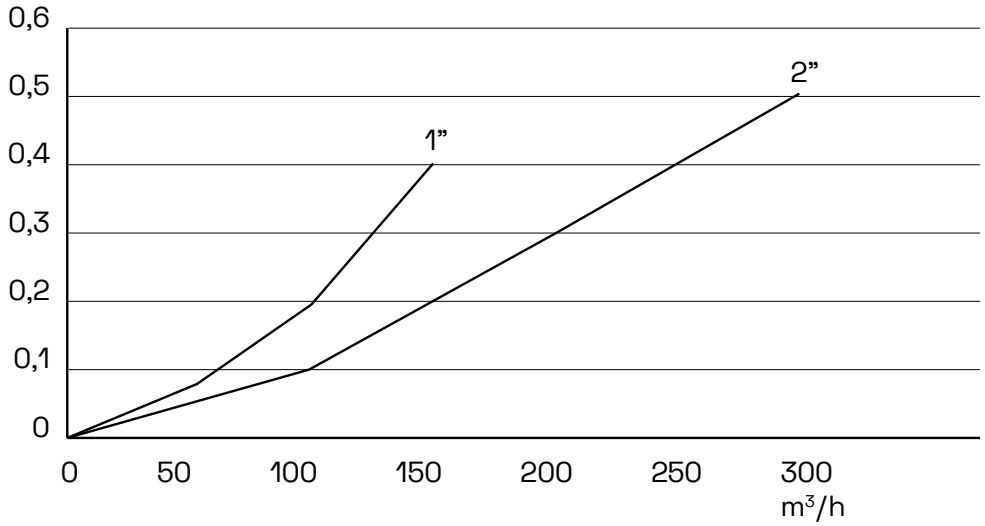
Hermetic seal / low pressure sealing

Main air outlet, combined with purge system after pressurization of the pipe

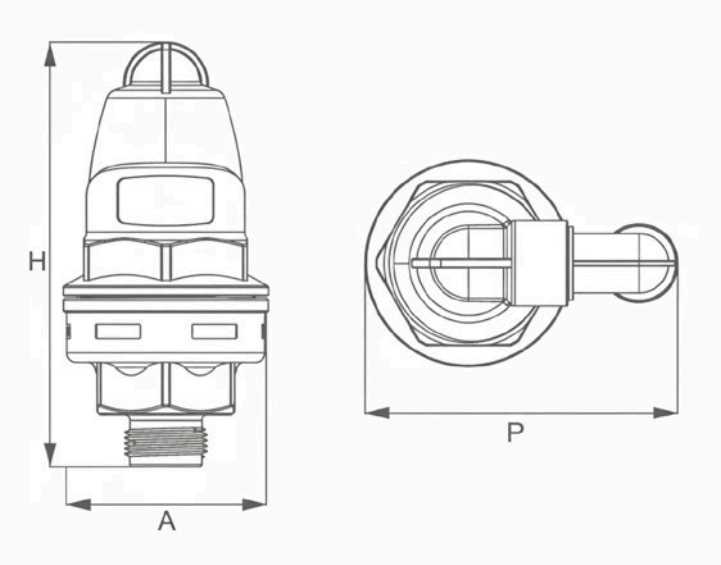
MODELS

CODE	CONNECTION		BASE	BAR MIN	MAX BAR	UNITS/BOX	RRP (€)
-	3/4”	RM	PP	0,2	10	12	**37**
19191037	1”	RM	PP	0,2	10	12	**37**
19191038	2”	RM	PP	0,2	10	6	**60**

PRESSURE LOSS



DIMENSIONS



CODE	CONNECTION	L	D1	D2	GR
-	3/4”	179	87	132	470
19191042	1”	179	87	132	470
19191043	2”	249	111	184	1052

DOUBLE EFFECT AIR VALVE AV- 250

The AV250 double-effect air valve is a high-flow, low- and high-flow air outlet air valve. It includes a threaded swivel elbow to guide the drainage. The double-effect allows large volumes of air to be expelled when filling the pipe and to admit air quickly when a vacuum occurs when the line is emptied.









MATERIAL CHARACTERISTICS

Body and lid: Polypropylene **(PP)**

Internal mechanism: Float and sealing seat in PP and **EPDM**

Protection and connections: BSP male thread

OPERATING CHARACTERISTICS

Working pressure range: 0,2 to 10 bar

Maximum continuous operating temperature: 60 °C

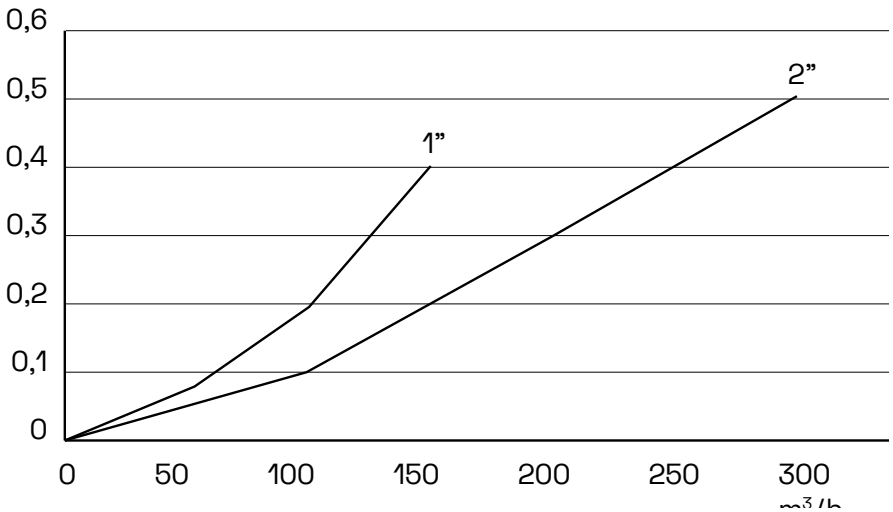
Hermetic seal / low pressure sealing

Ability to expel large volumes of air when filling the system

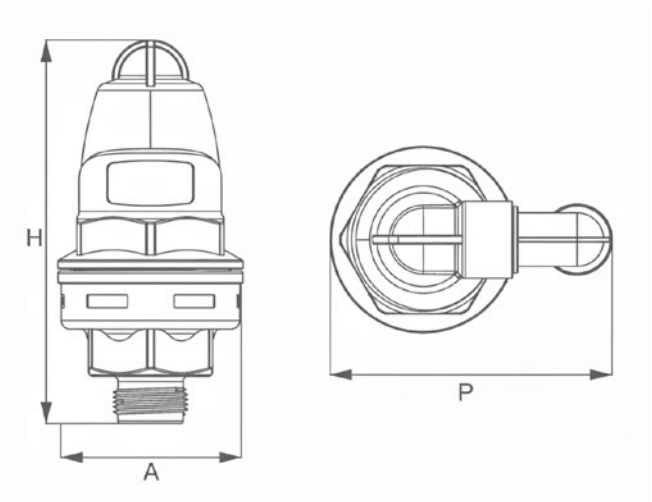
MODELS

CODE	CONNECTION		BASE	BAR MIN	MAX BAR	UNITS/BOX	RRP (€)
19191042	1”	RM	PP	0,2	10	12	**27**
19191043	2”	RM	PP	0,2	10	6	**42**

PRESSURE LOSS



DIMENSIONS



CODE	CONNECTION	L	D1	D2	GR
19191042	1”	179	87	132	470
19191043	2”	249	111	184	1052

TRIPLE EFFECT AV AIR VALVE - 300

This AV-300 high-speed triple-effect metal air valve combines two functions: a high-pressure diaphragm valve to release large amounts of accumulated air and a purge valve for smaller residual amounts.





MATERIAL CHARACTERISTICS

Body and cover: Ductile cast iron

Float: Stainless Steel **(SS304)**

Gasket: NBR

Diaphragm: NBR

Purge valve: Aluminum

OPERATING CHARACTERISTICS

Maximum working pressure: 16 bar

Working pressure: Between 0,2 and 16 bar

MODELS

CODE	SIZE	CONNECTION	PN	CONNECTION	UNITS/BOX	RRP (€)
19191031	50	2”	16	FLANGE	1	**300**
19191032	65	2-1/2”	16	FLANGE	1	**320**
19191033	80	3”	16	FLANGE	1	**430**
19191034	100	4”	16	FLANGE	1	**580**
19191035	150	6”	16	FLANGE	1	**1010**

ACCESSORIES



ONIX air valve

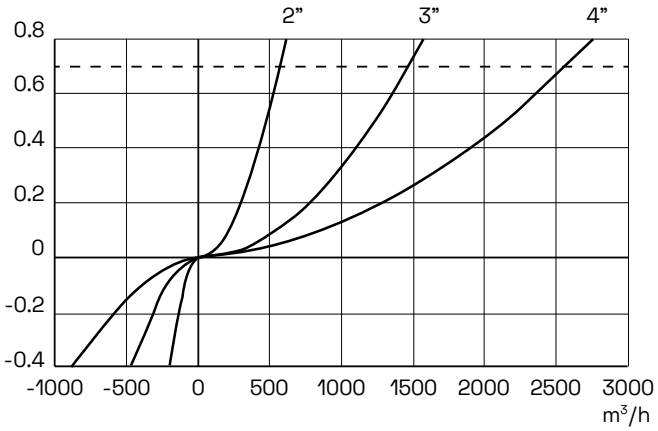
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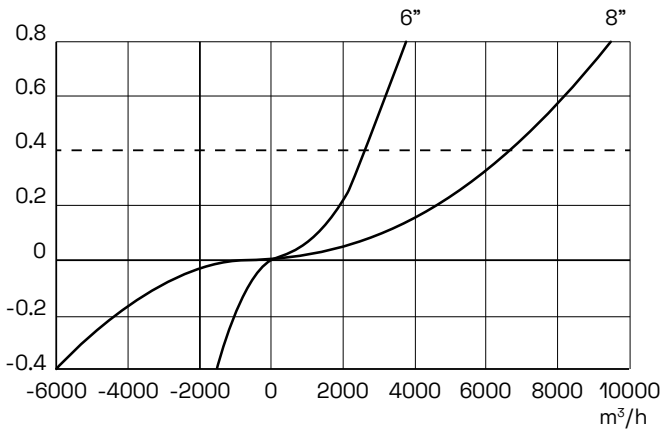


butterfly valve

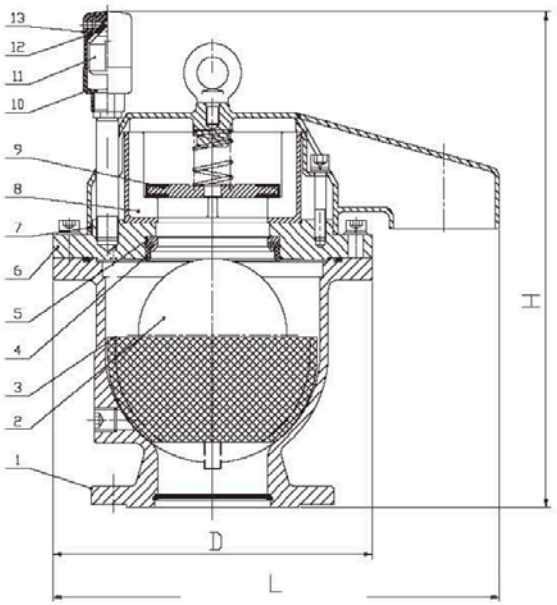
SEE PAGE

PRESSURE LOSS





DIMENSIONS



DIAMETER	D	L	H
DN50	220	287	330
DN80	248	339	385
DN100	290	405	435
DN150	350	500	518

butterfly valve

The butterfly valve is used to cut off or regulate the flow of liquid in a pipe. It works like a gate, it can be adjusted with a lever or a handwheel, the disc rotates 90º to open or close the duct. It is a good option because it is compact, quick to operate and made of stainless material. It is ideal for handling water without problems.









MATERIAL CHARACTERISTICS

Disc: Stainless steel 304.

Body and lever: Cast iron and aluminum.

Screws: Stainless steel.

Paint/Finish: Epoxy Paint Coating

OPERATING CHARACTERISTICS

Body: The body is Ductile Iron covered with an Epoxy paint.

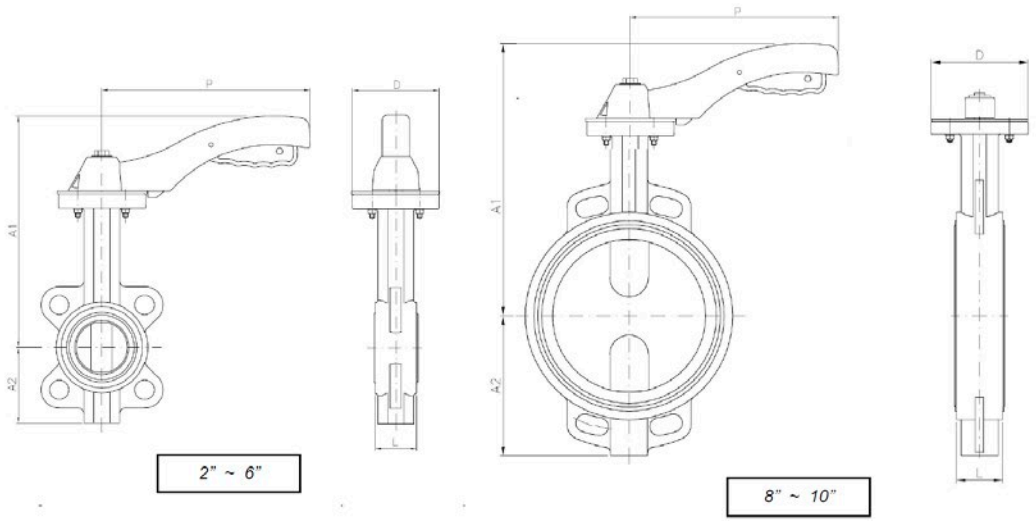
Actuation: They can be opened and closed using the manual lever or using a reduction handwheel (for larger valves).

Ready to Automate: They have an internal piece (a standard drive square) that allows you to remove the lever or handwheel and easily connect a motor (electric actuator).

MODELS

SIZE	CONNECTION	PN	CODE (REDUCER)	RRP (REDUCTOR) (€)	CODE (LEVER)	RRP (LEVER) (€)
50	2”	16	**19193013**	**106**	**19193001**	**48**
65	2-1/2”	16	**19193014**	**113**	**19193002**	**55**
80	3”	16	**19193015**	**115**	**19193003**	**60**
100	4”	16	**19193016**	**140**	**19193004**	**67**
125	5”	16	**19193017**	**179**	**19193005**	**97**
150	6”	16	**19193018**	**205**	**19193006**	**136**
200	8”	16	**19193019**	**370**	**19193022**	**159**
250	10”	16	**19193020**	**435**	-	-
300	12”	16	**19193021**	**478**	-	-

DIMENSIONS



SIZE	DN	PN	L	A1	A2	J	P	(KG)
2"	50	16	43	238	70	***	170	2,8
2 ½"	65	16	46	238	80	***	170	3,3
3"	80	16	46	238	100	***	170	3,8
4"	100	16	52	270	115	***	215	5,8
5"	125	16	56	300	135	***	215	7,4
6"	150	16	56	300	150	***	215	8,35
8"	200	16	60	280	180	***	300	14,4
10"	250	16	68	330	215	***	300	21,8
12"	300	16	78	360	250	240	290	38,8

BUTTERFLY VALVE ELECTRIC ACTUATOR

The butterfly valve with electric actuator is designed to cut off or regulate the flow of liquids in an installation automatically and precisely. The internal disc rotates 90° to open or close the fluid passage, guaranteeing efficient control. Its electric actuator allows remote operation without the need for a lever or manual handwheel.



MATERIAL CHARACTERISTICS

Lentil: AISI stainless steel 304.

Body: Ductile iron with resistant epoxy coating.

Shaft: AISI stainless steel 304.

Seat (seal gasket): EPDM.

Electric actuator: Anodized aluminum housing with IP67 protection.

Screws: Stainless steel.

OPERATING CHARACTERISTICS

Accionamiento: Actuador eléctrico, disponible en versiones de 220 V AC, 24 V AC/DC o 110 V AC.

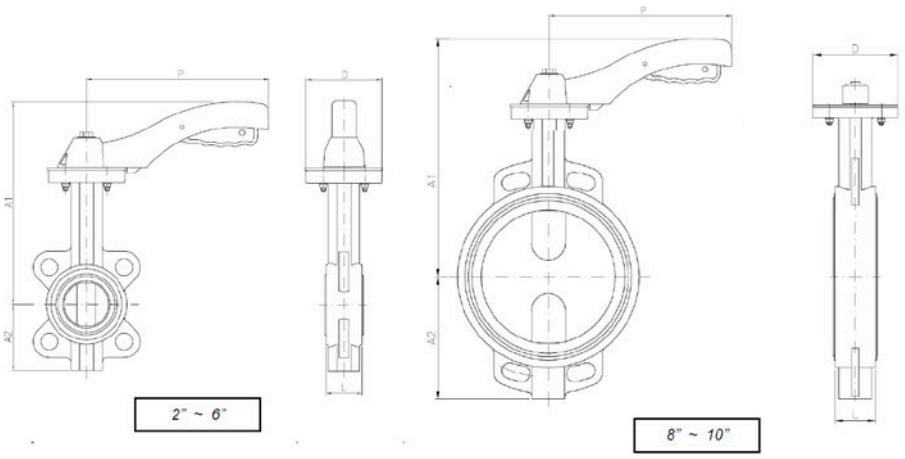
Operation: Opening and closing at 90°, with visual position indicator.

Control: On/Off.

MODELS

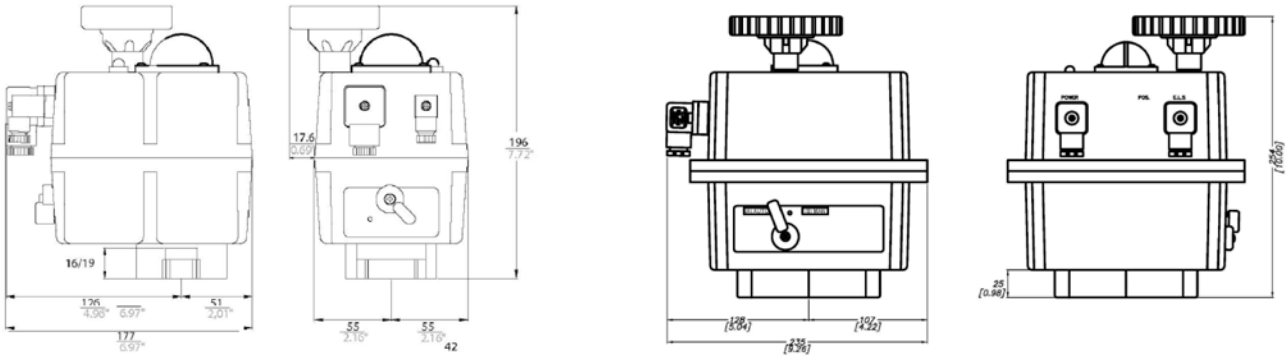
SIZE	CONNECTION	CODE 12V AC/DC	RRP (€) 12V AC/DC	CODE 24-240V	RRP (€) 24-240V	TRIF CODE	RRP (€) TRIF
50	2”	**19195123**	**consult**	**19195048**	**consult**	**19195056**	**consult**
65	2-1/2”	**19195124**	**consult**	**19195049**	**consult**	**19195057**	**consult**
80	3”	**19195125**	**consult**	**19195050**	**consult**	**19195057**	**consult**
100	4”	**19195126**	**consult**	**19195051**	**consult**	**19195058**	**consult**
125	5”	**19195127**	**consult**	**19195052**	**consult**	**19195058**	**consult**
150	6”	**19195128**	**consult**	**19195053**	**consult**	**19195059**	**consult**
200	8”	**19195129**	**consult**	**19195054**	**consult**	**19195059**	**consult**
250	10”	**19195130**	**consult**	**19195055**	**consult**	**19195060**	**consult**

VALVE Dimensions



SIZE	DN	PN	L	A1	A2	J	P	(KG)
2"	50	16	43	238	70	***	170	2,8
2 ½"	65	16	46	238	80	***	170	3,3
3"	80	16	46	238	100	***	170	3,8
4"	100	16	52	270	115	***	215	5,8
5"	125	16	56	300	135	***	215	7,4
6"	150	16	56	300	150	***	215	8,35
8"	200	16	60	280	180	***	300	14,4
10"	250	16	68	330	215	***	300	21,8

ELECTRIC ACTUATOR Dimensions



BUTTERFLY VALVE PNEUMATIC ACTUATOR

The butterfly valve with pneumatic actuator is designed to cut off or regulate the flow of liquids automatically and quickly using compressed air. The pneumatic actuator allows remote operation by pneumatic signal, without manual effort, being ideal for automated systems of air, water, chemicals and industrial processes.



MATERIAL CHARACTERISTICS

Lentil: AISI stainless steel 304.

Body: Ductile iron with epoxy coating.

Shaft: AISI stainless steel 304.

Closing gaskets: EPDM.

Pneumatic actuator: Anodized aluminum body.

Screws: Stainless steel.

OPERATING CHARACTERISTICS

Actuation: By means of double-acting or single-acting pneumatic actuator (spring return).

Control air pressure: 5 to 8 bar.

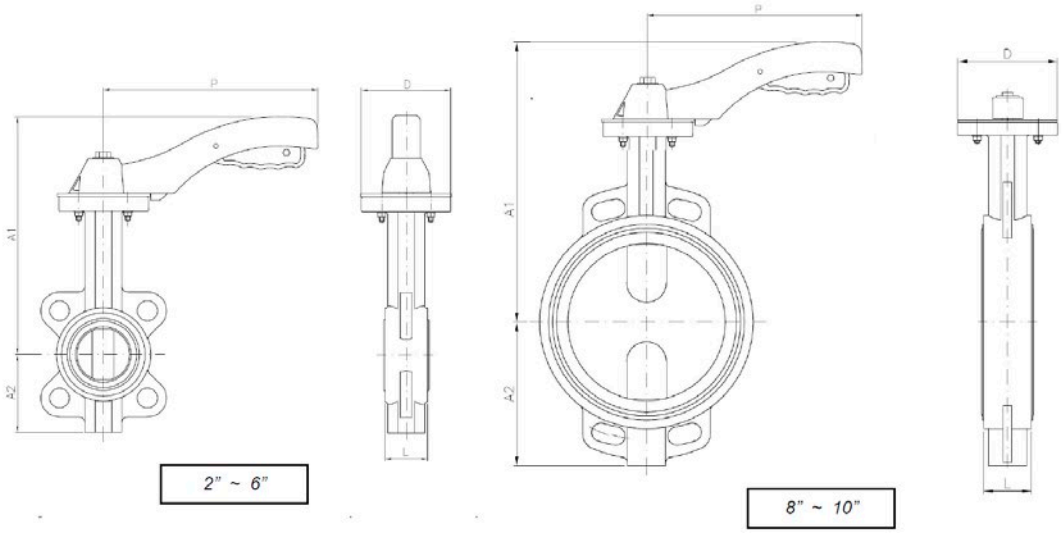
Operation: Opening and closing at 90°, with visual position indicator.

Control: On/Off, adaptive

MODELS

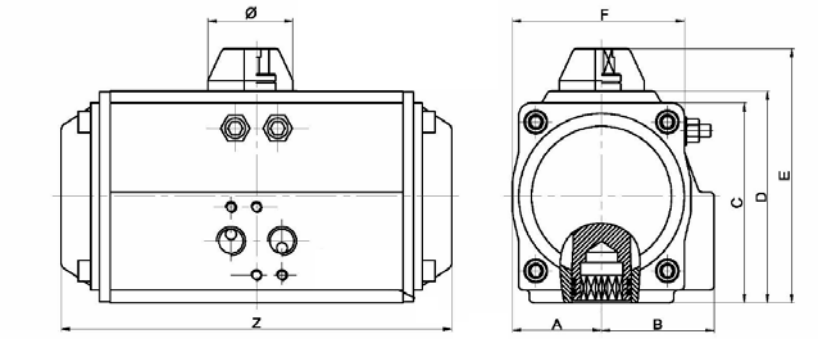
SIZE	CONNECTION	SIMPLE CODE	RRP (€) SINGLE	DOUBLE CODE	RRP (€) DOUBLE
50	2”	**19195075**	**consult**	**19195067**	**consult**
65	2-1/2”	**19195076**	**consult**	**19195068**	**consult**
80	3”	**19195077**	**consult**	**19195069**	**consult**
100	4”	**19195078**	**consult**	**19195070**	**consult**
125	5”	**19195079**	**consult**	**19195071**	**consult**
150	6”	**19195080**	**consult**	**19195072**	**consult**
200	8”	**19195081**	**consult**	**19195073**	**consult**
250	10”	**19195082**	**consult**	**19195074**	**consult**

ELECTRIC ACTUATOR Dimensions



SIZE	DN	PN	L	A1	A2	J	P	(KG)
2"	50	16	43	238	70	***	170	2,8
2 ½"	65	16	46	238	80	***	170	3,3
3"	80	16	46	238	100	***	170	3,8
4"	100	16	52	270	115	***	215	5,8
5"	125	16	56	300	135	***	215	7,4
6"	150	16	56	300	150	***	215	8,35
8"	200	16	60	280	180	***	300	14,4
10"	250	16	68	330	215	***	300	21,8

VALVE Dimensions



MODEL	A	B	C	D	E	F	Z	Ø	AIR CONNECTION
GNP14	28.5	36.5	60	-	90	52	122	55	NAMUR G1/4"
GNP24	30	41.5	65.5	72	102	65	147	55	NAMUR G1/4"
GNP44	36	47	81	87.5	117.5	72	168	55	NAMUR G1/4"
GNP60	42	53	94	99.5	129.5	81	184	55	NAMUR G1/4"
GNP94	46	57	98.5	108.7	138.7	92	204	55	NAMUR G1/4"

GATE VALVE

The resilient-seated gate valve is used to interrupt or allow the passage of flow in a pipe, through the movement of an internal gate. Its resilient seal ensures a tight seal and prevents leaks. It is manually operated by a handwheel that raises or lowers the gate inside the valve body.







MATERIAL CHARACTERISTICS

Body and cover: Ductile iron cast

Gate: Iron covered with EPD rubber.

Axles and hardware: Stainless steel 316.

Paint/Finish: Interior and exterior coating with epoxy powder paint.

OPERATING CHARACTERISTICS

Working pressure: 10–16 bar.

Measurement range: From 2" to 12" (DN50 to DN300).

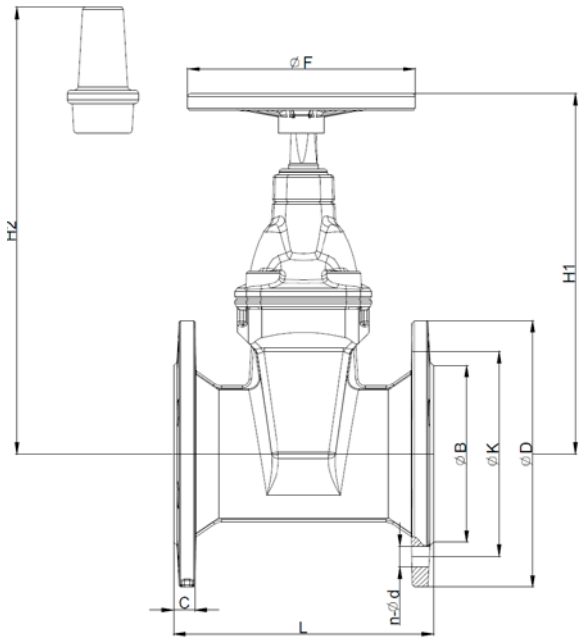
Working temperature: Between -10 °C and +80 °C.

Connection: Standard flanges **PN16**

MODELS

CODE	SIZE	CONNECTION	PN	UNITS/BOX	RRP (€)
19190013	50	2"	16	1	**92**
19190014	65	2-1/2"	16	1	**104**
19190015	80	3"	16	1	**129**
19190016	100	4"	16	1	**173**
19190017	125	5"	16	1	**214**
19190018	150	6"	16	1	**286**
19190019	200	8"	16	1	**453**
19190020	250	10"	16	1	**725**
19190021	300	12"	16	1	**1080**

DIMENSIONS



DN	L			H1	H2	ØB	ØK		C	ØF
	BS	F4	F5				PN16	PN16		
50	178	150	250	240	255	99	165	4-Ø19	4-Ø19	19
65	190	170	270	258	280	118	185	4-Ø19	4-Ø19	19
80	203	180	280	293	311	132	200	8-Ø19	8-Ø19	19
100	229	190	300	326	340	156	220	8-Ø19	8-Ø19	19
125	254	200	325	377	386	184	250	8-Ø19	8-Ø19	19
150	267	210	350	414	430	211	285	8-Ø23	8-Ø23	19
200	292	230	400	510	550	266	340	8-Ø23	12-Ø23	20
250	330	250	450	585	625	319	405	355	12-Ø23	12-Ø28
300	356	270	500	663	703	370	460	410	12-Ø23	12-Ø28
350	381	290	550	890	955	429	520	470	16-Ø23	16-Ø28
400	406	310	600	970	1040	480	580	525	16-Ø26	16-Ø31
450	432	330	650	1025	1105	520	640	585	20-Ø26	20-Ø31
500	457	350	700	1153	1235	609	715	650	20-Ø26	16-Ø34
600	508	390	800	1310	1395	720	840	770	20-Ø30	20-Ø37

BALL VALVE

Ball valve designed to open, close or regulate the flow of liquids in pipes. Suitable for hot and cold water, compressed air. Available in H-H, T and M-H configurations, with ½" connections to 2", adaptable to different installation schemes.







MATERIAL CHARACTERISTICS

Body: Chromed brass

Internal ball: Polished chrome brass

Rings: Teflon (PTFE)

Shaft: Brass

Handle: Plastic-coated steel

OPERATING CHARACTERISTICS

Working temperature: –10 °C to +130 °C

Maximum pressure: PN25 (½" to 2")

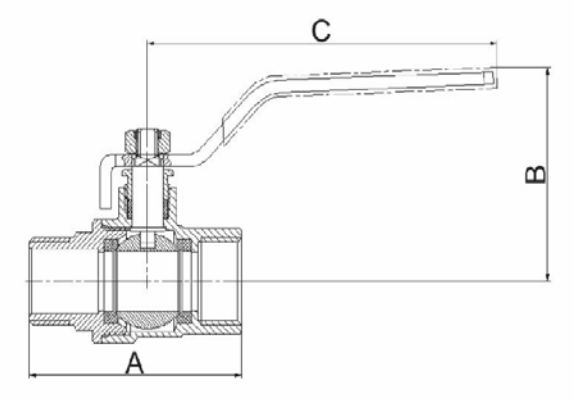
Available types: H-H, T and **M-H**

Connections: 1/2" to 2" female or male thread depending on model

MODELS

CODE	SIZE	CONNECTION	PN	THREAD	UNITS/BOX	RRP (€)
19195101	15	1/2"	16	M-H	1	**5**
19195102	20	3/4"	16	M-H	1	**7**
19195103	25	1"	16	M-H	1	**12**
19195104	30	1-1/4"	16	M-H	1	**19**
19195105	40	1-1/2"	16	M-H	1	**26**
19195106	50	2"	16	M-H	1	**39**
19195003	15	1/2"	16	H-H	1	**5**
19195004	20	3/4"	16	H-H	1	**7**
19195005	25	1"	16	H-H	1	**12**
19195006	30	1-1/4"	16	H-H	1	**19**
19195007	40	1-1/2"	16	H-H	1	**26**
19195008	50	2"	16	H-H	1	**39**

DIMENSIONS



FEMALE - FEMALE CONNECTION			
SIZE	A	B	C
DN15	55.5	49	90
DN20	62	54.5	90
DN25	71	61	110
DN32	92	65	110
DN40	97.5	117	140

MALE - FEMALE CONNECTION			
SIZE	A	B	C
DN15	49	49	90
DN20	56	54.5	90
DN25	62	61	110
DN32	78	65	110
DN40	85.7	117	138

PRESSURE REDUCER

The Pressure Reducing Valve serves to reduce and maintain constant the pressure of the fluid (water, air, etc.) in a piping system. Protects connected equipment and accessories (such as faucets, heaters or appliances) from possible damage caused by excessively high or fluctuating inlet pressure.









MATERIAL CHARACTERISTICS

Body: Nickel-plated brass

Threaded Connections: BSP Threads 1/2" to 2"

Shaft: stainless steel 304

Gaskets: EPDM

OPERATING CHARACTERISTICS

Rated working pressure: 12 bar.

The effective regulation range of the operating pressure is between 2 and 8 bar.

The maximum operating temperature allowed for the product is 130°C.

This product is designed to be used specifically with water, air and non-aggressive fluids.

MODELS

CODE	SIZE	CONNECTION	PN	UNITS/BOX	RRP (€)
19192001	20	3/4"	16	1	**60**
19192002	25	1"	16	1	**70**
19192003	30	1-1/4"	16	1	**138**
19192004	40	1-1/2"	16	1	**152**
19192005	50	2"	16	1	**236**

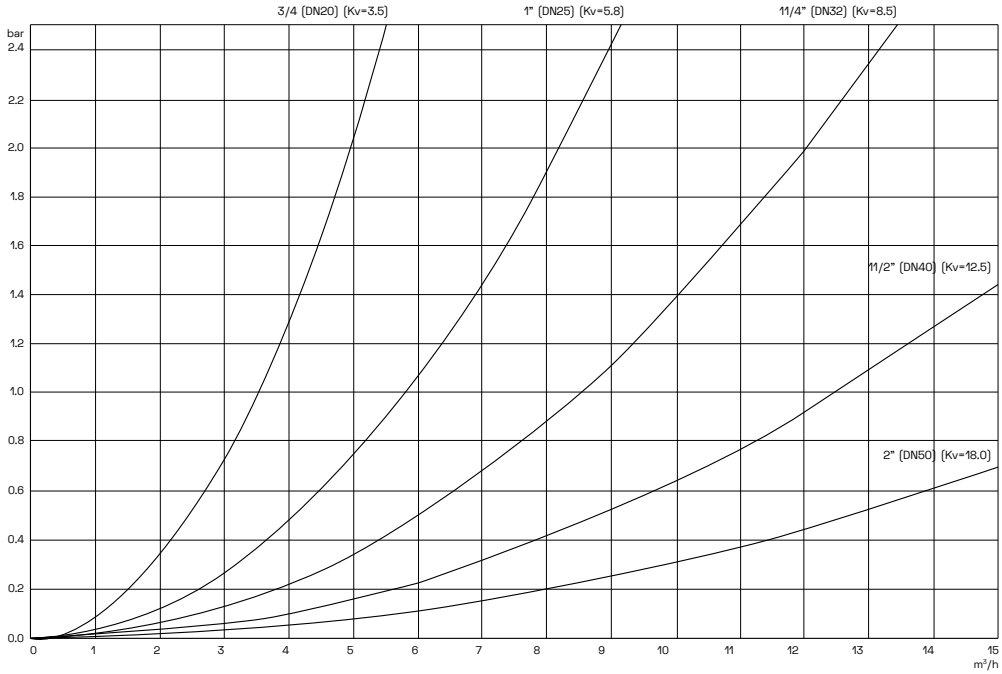
ACCESSORIES



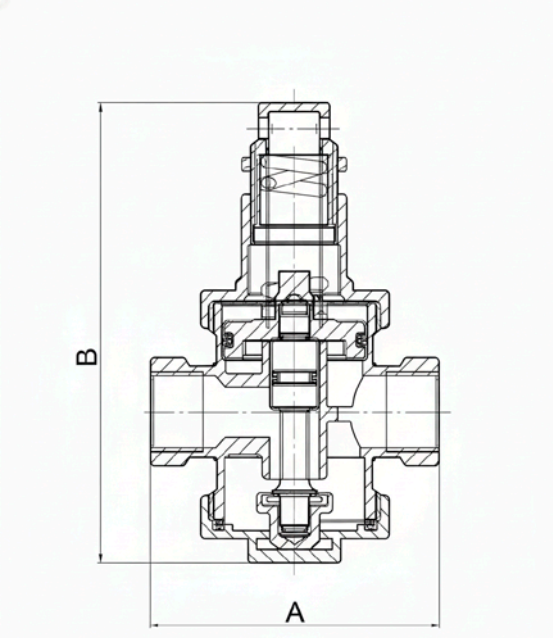
BALL VALVE

SEE PAGE

PRESSURE LOSS



DIMENSIONS

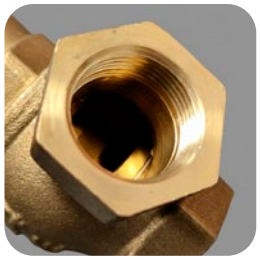


DN	A	B	C	F
3/4"	85	125,5	40	12
1"	91	159	59	13
1-1/4"	118	218	69,5	18
1-1/2"	126	225	126	18
2"	142	250	87	20

SAFETY VALVE

The safety valve has a flat seat and direct spring, preventing overpressure from breaking the pipe, relieving water when it exceeds the trigger pressure that is regulated through the regulation screw, being fixed by the tightening lock nut.







MATERIAL CHARACTERISTICS

Body: Brass

Bell: Brass

Sealing gasket: PTFE

Spring: Steel

Regulation screw and locknut: AISI stainless steel 304

OPERATING CHARACTERISTICS

Designed to operate in a temperature range of 0 C to 80 C

Maximum Inlet Pressure: 12 bar

Regulation range: 2 to 8 bar

Threads: BSP

MODELS

CODE	SIZE	CONNECTION	PN	UNITS/BOX	RRP (€)
19192318	15	1/2”	16	1	**25,92**
19192013	20	3/4”	16	1	**54,31**
19192014	25	1”	16	1	**69,72**
19192015	30	1-1/4”	16	1	**114,23**
19192016	40	1-1/2”	16	1	**145,11**
19192017	50	2”	16	1	**201,92**

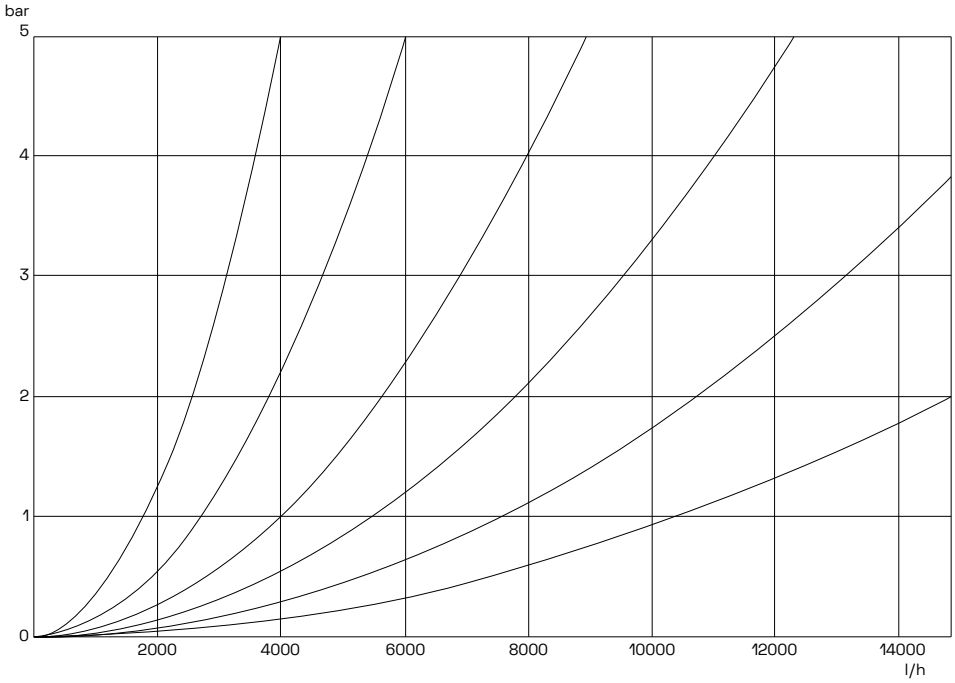
ACCESSORIES



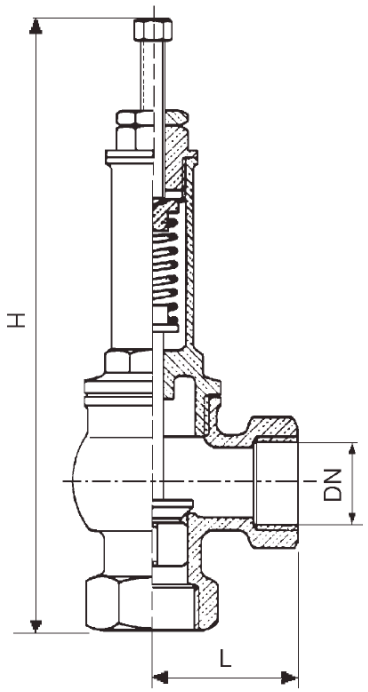
BALL VALVE

SEE PAGE

PRESSURE LOSS



DIMENSIONS



DN	H	L	HOLE Ø
1/2”	126	45	13
3/4”	145	56	19
1”	157	63	25
1 1/4”	189	78	31,5
1 1/2”	210	87	38

BASKET PRE-FILTER

Designed to retain solid particles, stones and sediments, the basket filter is composed of a metal body and an interior filter basket that is easily removable for cleaning. It is commonly used in drinking water networks, irrigation systems and industrial facilities due to its high filtering capacity and simple maintenance.









MATERIAL CHARACTERISTICS

Body and cover: Ductile iron cast

Filter element: AISI stainless steel 316

Screws: Stainless 316

Gaskets: EPDM.

OPERATING CHARACTERISTICS

Working pressure: Up to 16 bar

Measurement range: From 2" to 12" (DN50 to DN300)

Working temperature: Between -10 °C and +80 °C, suitable for drinking water and neutral fluids

Filtration degree: Between 3 mm

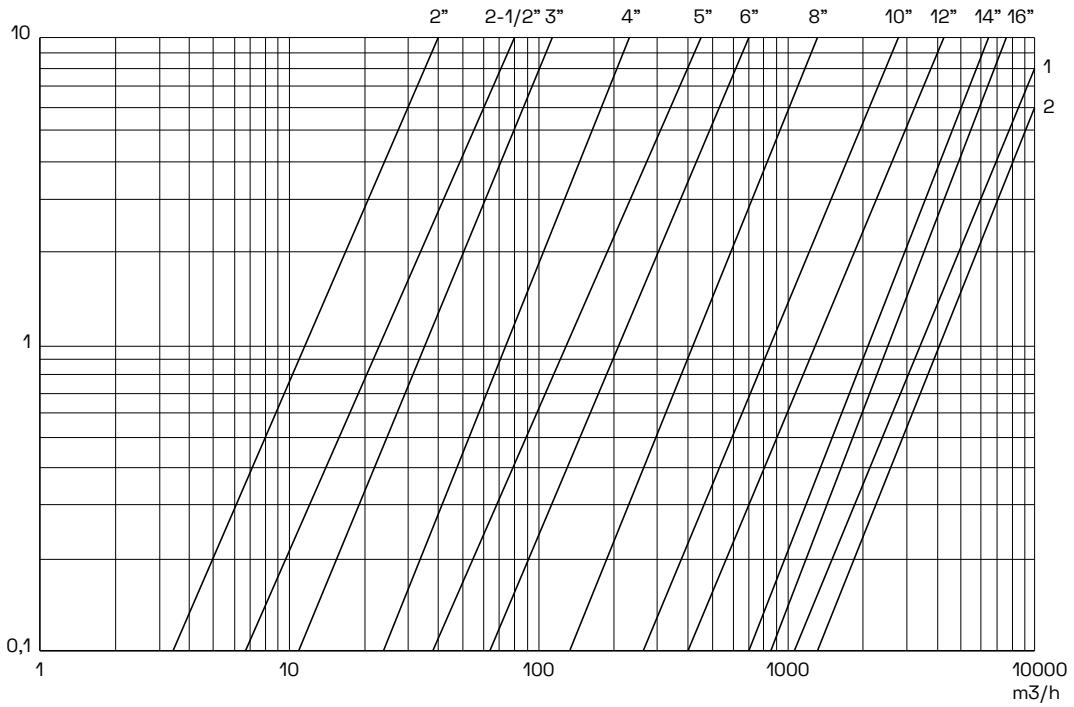
Flow direction: Unidirectional, indicated by arrow on the body

Connection: Standard flanges **PN16**

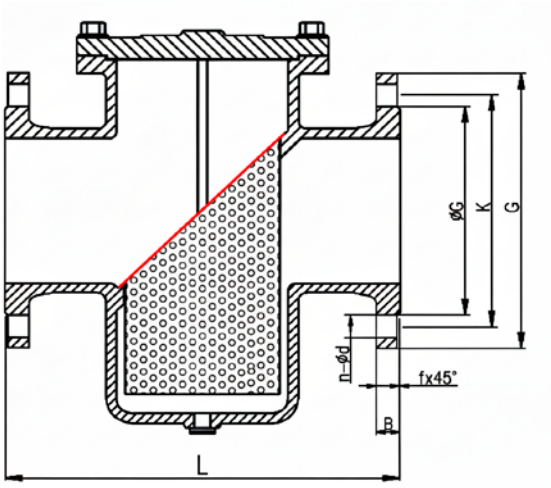
MODELS

CODE	SIZE	CONNECTION	PN	UNITS/BOX	RRP (€)
19194020	50	2"	16	1	**134**
19194021	65	2-1/2"	16	1	**155**
19194022	80	3"	16	1	**211**
19194023	100	4"	16	1	**288**
19194024	125	5"	16	1	**388**
19194025	150	6"	16	1	**520**
19194026	200	8"	16	1	**795**
19194027	250	10"	16	1	**1316**
19190028	300	12"	16	1	-

PRESSURE LOSS



DIMENSIONS



DN	L	D	K (PN16)	G (PN16)	B	F	N-Ø D (PN16)
40	207	150		88	19	3	
50	207	165	125	100	19	3	
65	210	185	145	120	19	3	
80	251	200	160	135	19	3	
100	292	220	180	156	19	3	
125	334	250	210	186	19	3	
150	378	285	240	212	19	3	
200	475	340	295	268	20	3	12 - Ø23
250	511	405	355	322	22	3	12 - Ø28
300	667	460	410	373	24.5	3	12 - Ø28
350	769	520	470	433	26.5	3	16 - Ø28
400	842	580	525	483	28	4	16 - Ø31
450	890	640	585	546	30	4	20 - Ø31
500	900	715	650	605	31.5	4	20 - Ø34
600	1000	840	770	710	36	5	20 - Ø37

PREFILTER AND

Iflowcontrol Y prefilters are devices designed to protect hydraulic systems and equipment from solid particles, sediments and residues present in the water flow. Its “Y”-shaped structure allows for simple installation and efficient maintenance.





MATERIAL CHARACTERISTICS

Body and cover: ductile iron cast.

Filter element: AISI stainless steel 316.

Screws: stainless 316.

Gaskets: EPDM.

Paint: epoxy powder coating.

OPERATING CHARACTERISTICS

Working pressure: up to 16 bar.

Measurement range: from 2” to 12” (DN50 to DN300).

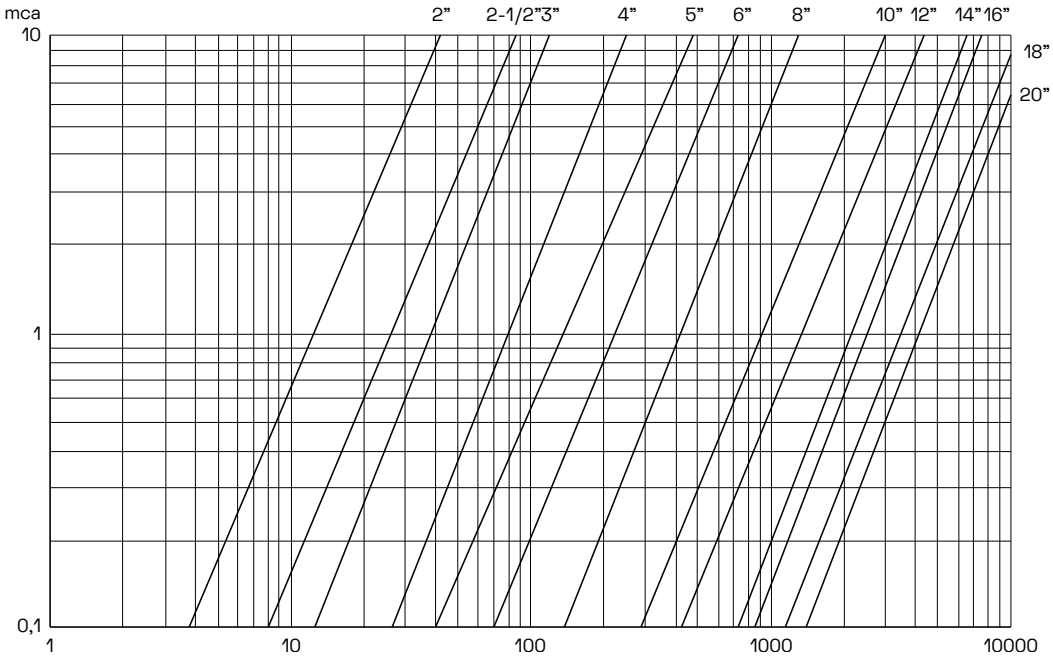
Working temperature: between -10 °C and +80 °C, suitable for drinking water and neutral fluids.

Filtration degree: between 3 mm .

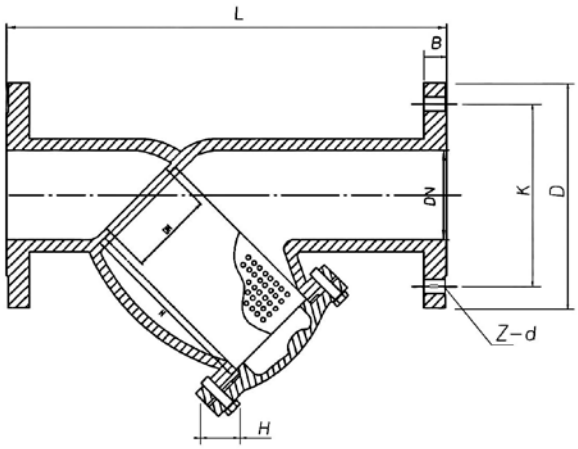
MODELS

CODE	SIZE	CONNECTION	PN	L (MM)	UNITS/BOX	RRP (€)
19194011	50	2”	16	207	1	**69**
19194012	65	2-1/2”	16	210	1	**97**
19194013	80	3”	16	251	1	**113**
19194014	100	4”	16	292	1	**154**
19194015	125	5”	16	334	1	**212**
19194016	150	6”	16	378	1	**306**
19194017	200	8”	16	475	1	**518**
19194018	250	10”	16	511	1	**918**
19194019	300	12”	16	667	1	**1.327**

PRESSURE LOSS



DIMENSIONS



DN (MM)	DN (INCH)	L	B	D (PN10/16)	K (PN16)	N-A (PN16)
50	2	230	19	165	125	4-19
65	2.5	290	19	185	145	4-19
80	3	310	19	200	160	7-19
100	4	350	19	220	180	7-19
125	5	400	19	250	210	7-19
150	6	480	19	285	240	7-19
200	8	600	20	340	295	11-23
250	10	730	22	405	355	11-28
300	12	850	24.5	460	410	11-28
350	14	980	26.5	520	470	16-28
400	16	1100	28	580	525	16-31
500	20	1250	31.5	718	650	20-34
600	24	1450	36	840	770	20-37

FLOATATION BUOY

Flotation buoys are ideal for signaling or support in the water. They come in capacities of 50, 75 and 200 liters. Its lightweight and durable design guarantees optimal performance even in demanding conditions. They are easy to install and maintain, offering a reliable solution for marine and signaling applications.



MATERIAL CHARACTERISTICS

Made of polyethylene.

OPERATING CHARACTERISTICS

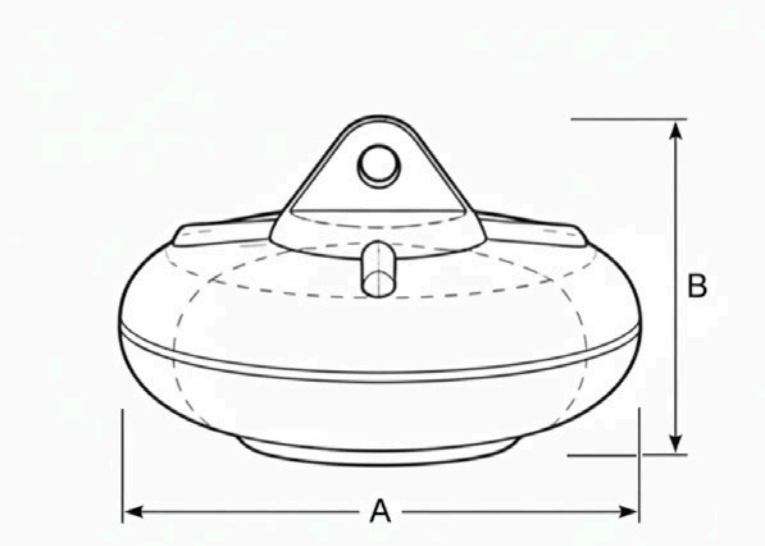
Blue stands out well against the natural tone of the sea or reservoirs, but without attracting as much attention as more aggressive signaling colors.

Flotation capacity of 75 kg, 145 kg and 205 kg depending on the model.

MODELS

CODE	LITERS	FLOATATION	DIAMETER (MM)	MATERIAL	RRP (€)
13078007	50	75 KG	630	POLYETHYLENE	**168**
13078008	75	145 KG	600	POLYETHYLENE	**228**
13078009	200	205 KG	1050	POLYETHYLENE	**300**

DIMENSIONS



LITERS	A (MM)	B (MM)
50	630	330
75	600	820
200	1050	380

CONDICIONES

SALES GENERAL

01 PAYMENT METHOD

The payment method will never exceed 60 days from the invoice date with prior authorization from the manager. Any deferral of invoices, when due, will result in the closing of the credit account, until the debt is satisfied, and a charge for late payment.

02 IVA

The official value in force at the time of purchase will apply.

03 CLAIMS

Claims for differences in quantity or merchandise will not be accepted after 10 days from the delivery date.

Claims under warranty or due to manufacturing defect must be submitted to the manufacturer for review.

04 RETURN OF GOODS

Returns will always be postage PAID.

Returns must include a delivery note with the material purchase reference indicator (delivery note or invoice number and date).

Returns made before 30 calendar days from the date of supply will not have any type of demerit.

From 30 calendar days to 2 months, a fixed amount of €6 will be charged for the return process.

From 3 months to 6 months of the purchase date, a 7% of the value of the material paid will be charged, always with a minimum amount of €6, as a return procedure.

05 PORTES

Shipping will be paid for net orders of more than 500€, except for the following items due to volume, tanks, sand filters, filter heads.

IMPORTANT

The prices of this Rate are subject to constant modifications, due to price updates from our suppliers, supplier changes, etc. Before placing your order always check updated prices

iflowcontrol

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CONTARIEGO &
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