

CEME

FLUID CONTROL COMPONENTS

Coffee | Beverage | Refrigertation Air-conditioning | Steam | Medical | Welding | Water Management | Other-Industrial

Water beverage

solenoid valves and pumps

www.cemegroup.com



CEME
FLUID CONTROL COMPONENTS

- **SOLENOID VALVE -** quick connection for cold and hot water
- **DISPENSING VALVE** - 2 or 3 Inlet & 1 Outlet
- **PERIPHERAL PUMP FOR CARBONATOR**
- **SOLENOID PUMP**

CEME introduces its wide range of components dedicated to beverage system.

These products have been designed by **CEME** with the aim of bringing innovative solutions and high quality components for Water Refrigerator system as well as Reverse Osmosis System for drinkable water.

CEME has put in place its decades of experience in developing products in compliance with the most relevant norms related to potable water and food grade.

CEME, SOLENOID PUMPS AND VALVES

Electro-pumps, solenoid valves, pressure switches, flow meters for a perfect fluid control

Established in 1974, CEME is now a landmark of reference for industrial pumps and valves production in Italy and throughout the world. Over the years, the company has diversified its product range and their applications enriching its array of electro-pumps, solenoid valves, pressue switches, flow meters and other components to properly control the passage of any type of fluid: water, gas, steam, air.
CEME is renowned for its technical engineering know-how, quality, flexibility and for the distinctive ability to develop innovative solutions for customers on the Italian and international markets. Technology needs control.

V791 - 2/2 WAY - NC



GENERAL FEATURES

Hydraulic body: Thermoplastic PA66 30%FV

Inlet / Outlet: John Guest 4/6/8mm - 1/4”

Sealing on the mobile core: VITON rubber for alimentary use

Overall dimensions: according with the drawing of the model

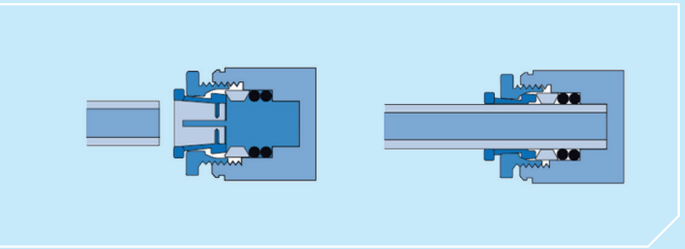
Electrical connections: 6,3 x 0,8 fast-on terminals

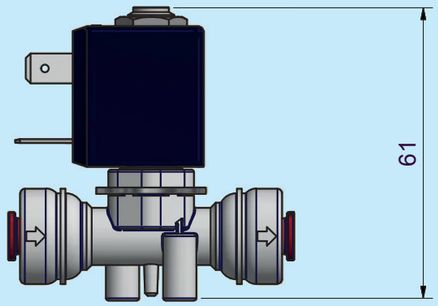
Electrical insulation class I: according with EN 60 335-1

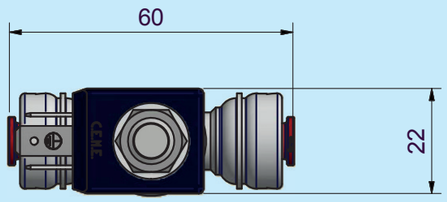
Operation: Direct Acting

Working pressure: 0-8 bar

Internal hole: 2,5mm







V730 - NC
2 Inlet - 1 Outlet

GENERAL FEATURES

Hydraulic body: Thermoplastic PA66 30%FV

Inlet / Outlet: John Guest 4/6/8mm - 1/4”

Sealing on the mobile core: VITON rubber for alimentary use

Overall dimensions: according with the drawing of the model

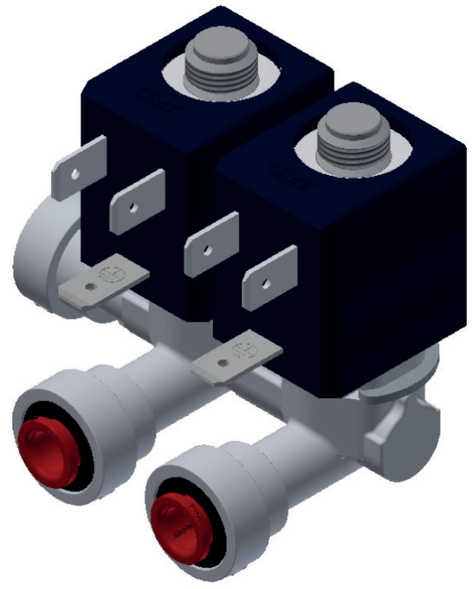
Electrical connections: 6,3 x 0,8 fast-on terminals

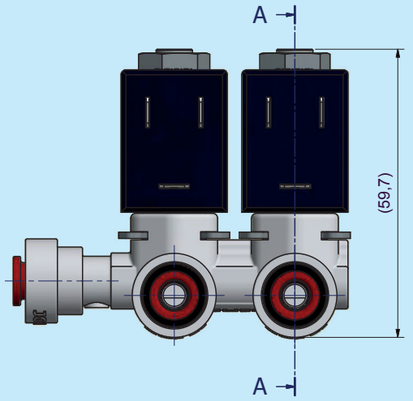
Electrical insulation class I: according with EN 60 335-1

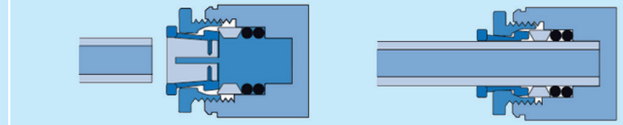
Operation: Direct Acting

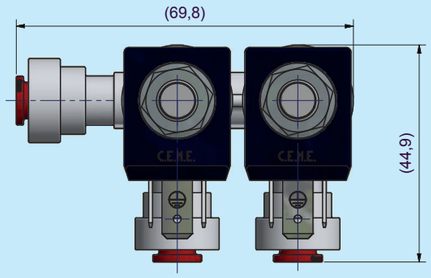
Working pressure: 0-8 bar

Internal hole: 2,5mm

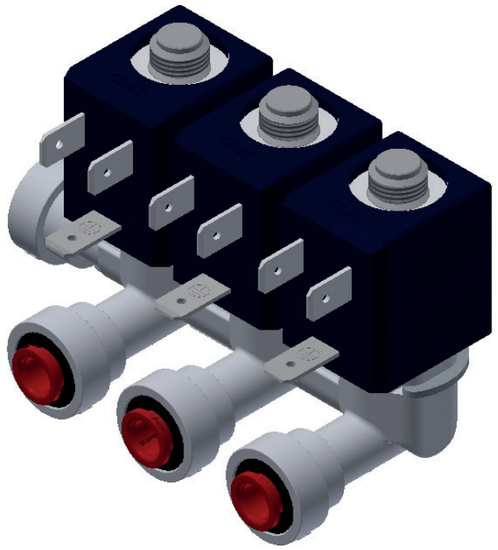








V731 - NC
3 Inlet - 1 Outlet



GENERAL FEATURES

Hydraulic body: Thermoplastic PA66 30%FV

Inlet / Outlet: John Guest 4/6/8mm - 1/4”

Sealing on the mobile core: VITON rubber for alimentary use

Overall dimensions: according with the drawing of the model

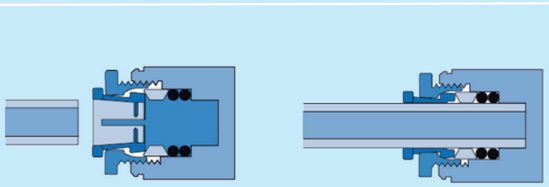
Electrical connections: 6,3 x 0,8 fast-on terminals

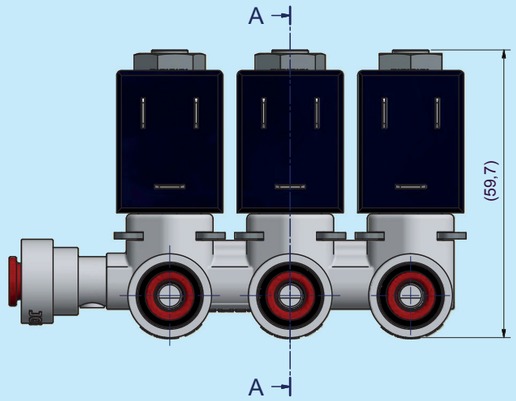
Electrical insulation class I: according with EN 60 335-1

Operation: Direct Acting

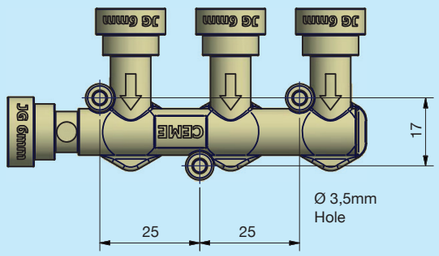
Working pressure: 0-8 bar

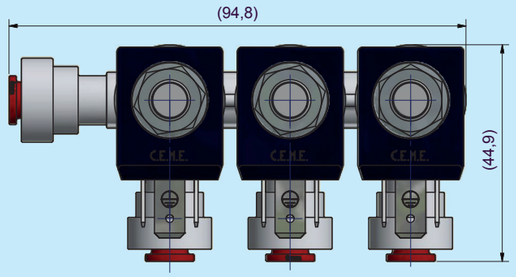
Internal Hole: 2,5mm





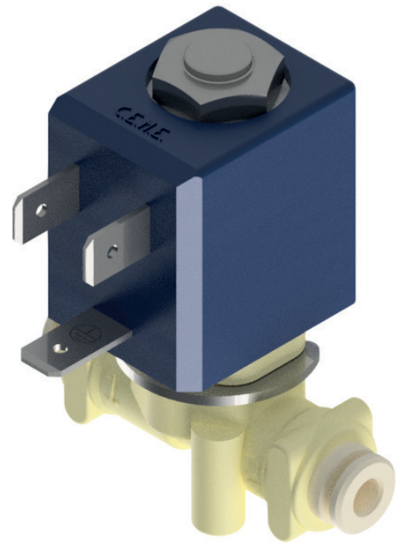
Holes for fixing





V796 - 2/2 way - NC

CEME
FLUID CONTROL COMPONENTS



GENERAL FEATURES

Hydraulic body: Thermoplastic PPA

Inlet / Outlet: Quick connection AVS Römer 4/6/mm

Sealing on the mobile core: VITON rubber for alimentary use

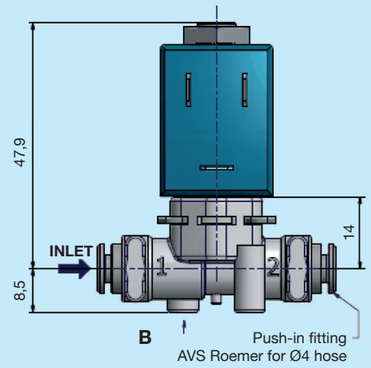
Overall dimensions: according with the drawing of the model

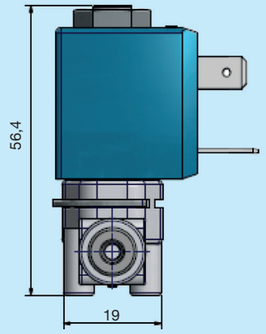
Electrical connections: 6,3 x 0,8 fast-on terminals

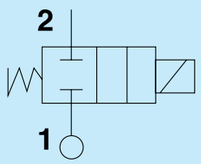
Electrical insulation class I: according with EN 60 335-1

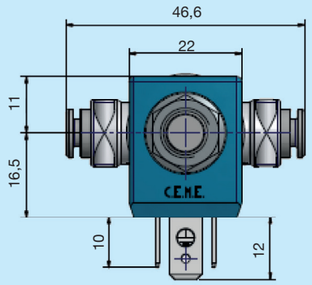
Operation: Direct Acting

Orifice size mm	Flow m³/h	MOPD (bar)***	
		AC	DC
1.0	0.03	25	23
1.2	0.04	23	20
1.5	0.07	17	15
2.0	0.10	13	9
2.5	0.12	9	6

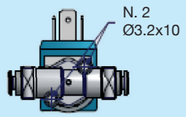




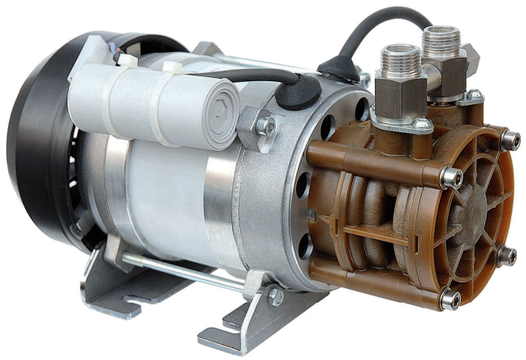




B (1 : 1)
(fixing point)



MTP 700
Peripheral pump



MAIN TECHNICAL FEATURES

Materials:

Pump Body: PEI reinforced, FDA-NSF approved

Shaft: Stainless steel AISI430FM

Impeller: PPS/PEEK reinforced, FDA - NSF approved

Mecanichal Seal: Ceramic/graphite/NBR -NSF Approved

Seals: EPDM or NBR FDA approved

NSF approving for the complete pump: in progress

Motor:

Standard: Single or Three phase induction motor
250W – 230V– 50Hz - 2800rpm – IP00 with capacitor and thermal protection 140°C insulation class F/B, Fan cooled.
Other voltages , frequencies and configurations are available, contact our TEC dep. for a feasibility request.

MTP 700
Peripheral pump

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FLUID CONTROL COMPONENTS

WORKING CONDITIONS:

Ambient T°: -10° / 50°C

Fluid T°: -10° / 80°C

Duty: 100% ED. Suitable for use with water and low corrosive / abrasive fluid

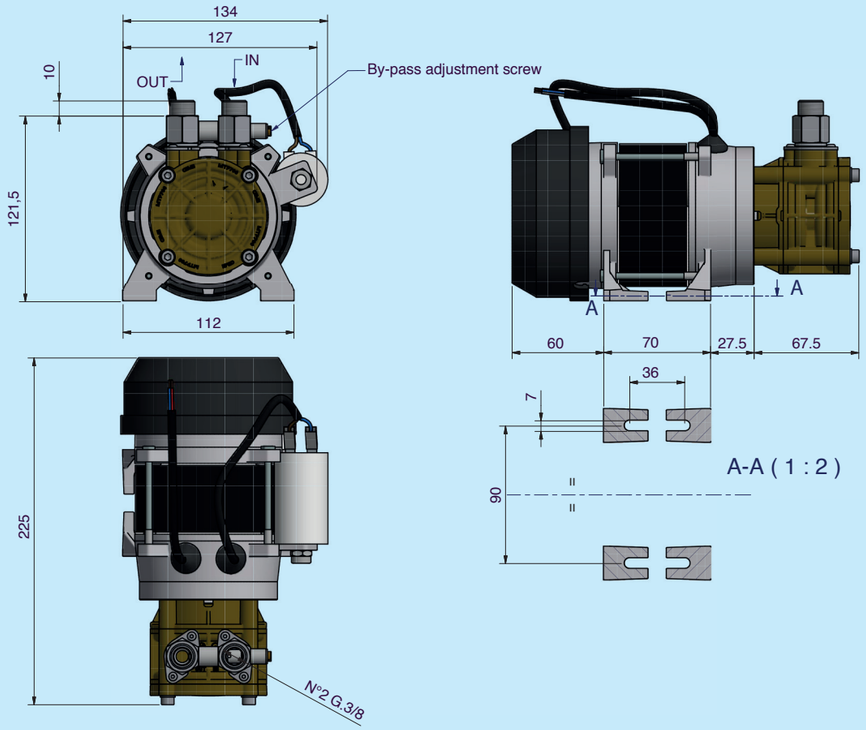
Max. allowable pressure: 12,5 barg (185 psi)

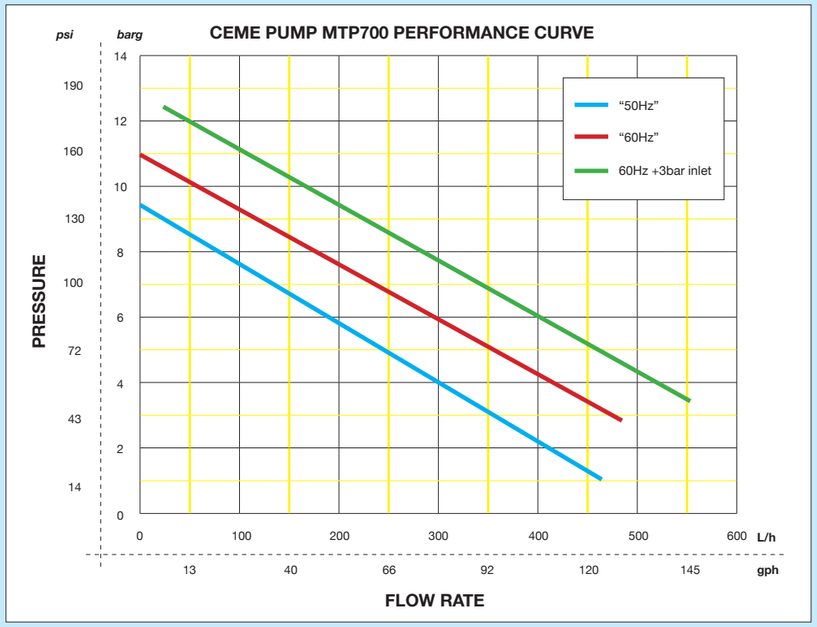
Note: The inlet pressure must be add on the above performance curve with the relative effect on the flow rate.

Suction Head: 150 mm. before priming, 2000 mm. after priming.
In case of different conditions please contact our TEC dep. for a feasibility request

Executions

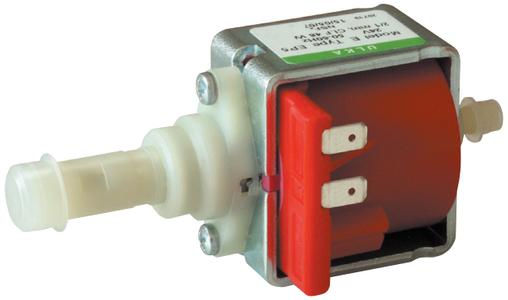
Standard: Horizontal installations with a 50cm of electrical cable and a G.3/8 "Male, facing up.
Other configurations are available, contact our TEC dep. for a feasibility request.
A balanced settable by-pass valve is also available.





NOTE: Hydraulic characteristics obtained with waters at 20° C at pump nominal speed.
Working tolerance on Hydraulic and Electrical characteristics is ± 10%

EP 5
Solenoid pump



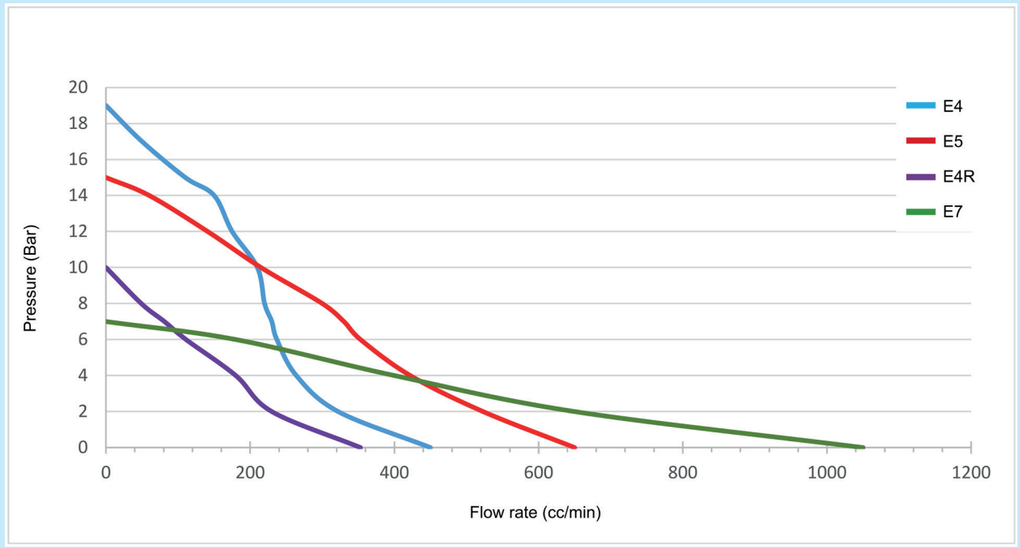
- **Electrical insultaion class II**
- **Diode integreted (except for 24V)**
- **Approvals: VDE, IMQ, c Ul**
- **Voltages: 100V / 50-60Hz - 120V / 60Hz - 220V 50Hz - 230V 50Hz - 240V 50Hz - 24V 50-60Hz**

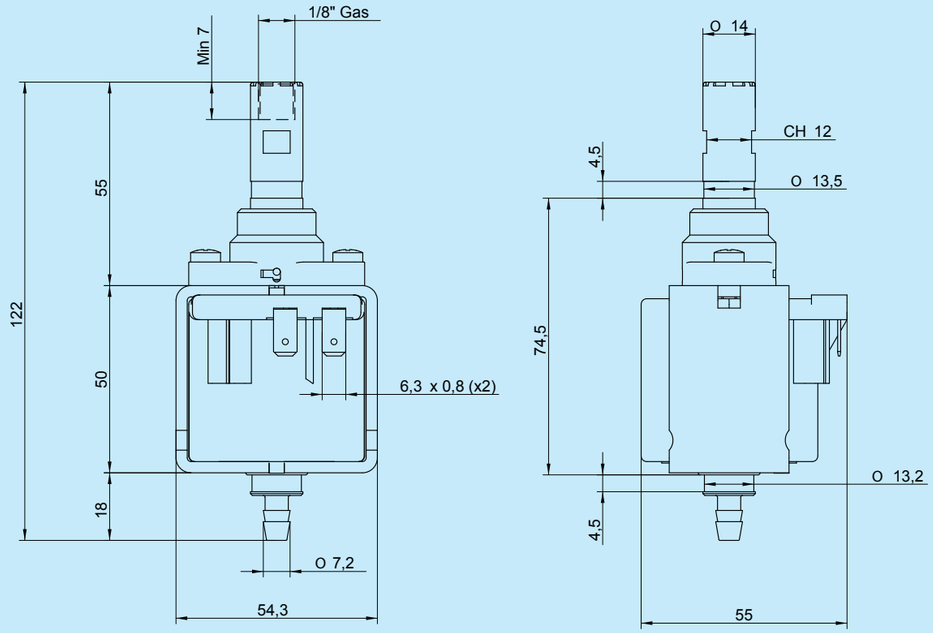
Description	Technical data	
	Body material	PA66/POM
	Seal material	NBR (OTHER MATERIAL AVAIALABLE ON REQUEST
	Electrical connection	6,3 x 0,8 fast-on terminal
	Insulation class	F

EP 5
Solenoid pump

CEME
FLUID CONTROL COMPONENTS

Pressure (bar)	Average Flow Rate (cc/min)			
	E4	E5	E7	E4R
0	450	650	1050	350
2	315	520	650	230
4	260	420	400	180
6	240	350	180	110
7	230	330	0	80
8	220	300	-	50
10	200	210	-	0
12	160	140	-	-
14	130	60	-	-
15	100	0	-	-
17	40	-	-	-
19	0	-	-	-







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FLUID CONTROL COMPONENTS

Coffee
Beverage
Refrigertation
Air-conditioning
Steam
Medical
Welding
Water
Management
Other-Industrial

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