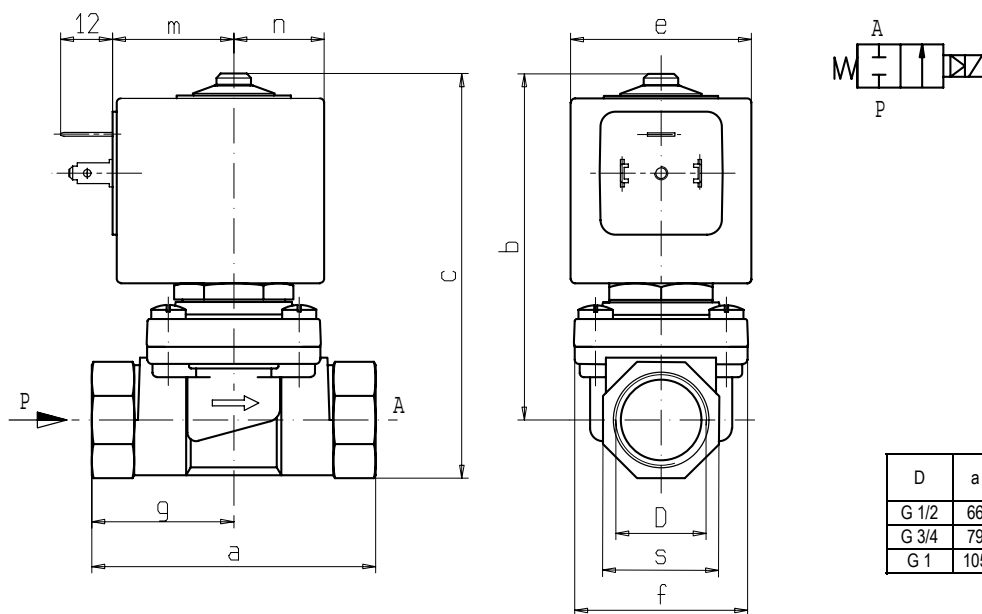




SOLENOID VALVE
2/2 - NC (Normally closed)
Pilot operated hung diaphragm
G 1/2 - 3/4 - 1

L153



D	a	b	c	e	f	m	n	s	g
G 1/2	66	80,5	94	42	41	28	21	27	-
G 3/4	79	85,5	102,5	42	51	28	21	33	-
G 1	105	106	127	48,6	71	35	24,3	42	46

► **GENERAL FEATURES**

Pilot operated hung diaphragm solenoid valve, with full orifice.
 Suitable to shut off liquid and gaseous fluids; particularly suitable to shut off overheated water and steam (verify the compatibility of fluid with materials in contact).

► **TECHNICAL FEATURES**

Maximum allowable pressure (PS) 16 bar
 Opening time from ~100ms to ~150ms
 Closing time from ~100ms to ~400ms
 Fluid temperature -10°C +140°C
 Max viscosity 5°E (~37 cStokes or mm²/s)

► **MATERIALS IN CONTACT WITH FLUID**

Body	Brass
Sealing	EPDM
Diaphragm	PTFE
Internal components	Stainless steel
Seat	Stainless steel
Core tube	Stainless steel
Shading coil	Copper

► **COIL**

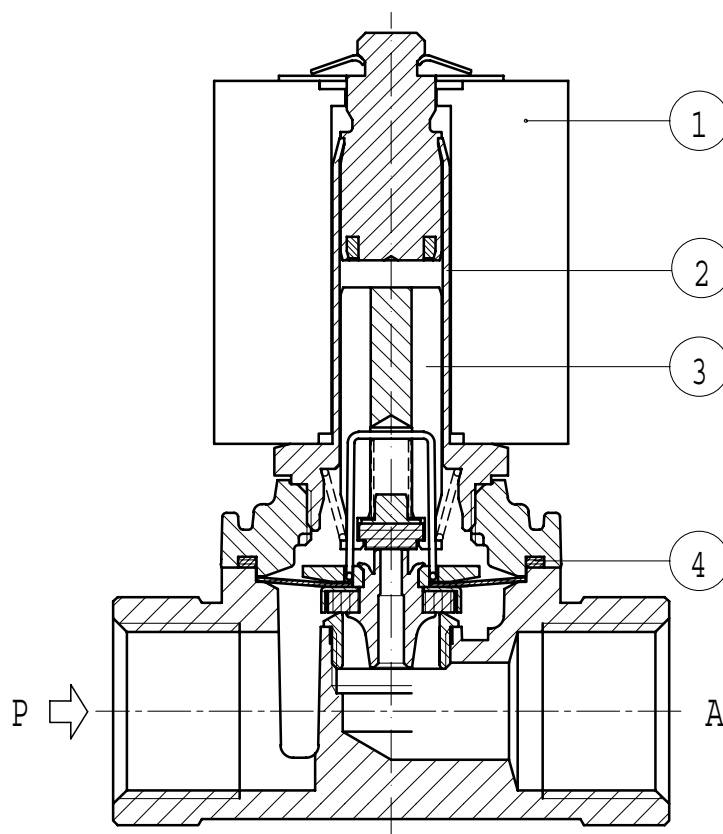
Continuous duty	ED 100%
Encapsulation material	PET (Polyethylene terephthalate) fiberglass reinforced
Coil insulation	H (165°C) - UL
Ambient temperature	-10 °C° +80 °C
Electric connenctions	DIN 46340- 3 poles connectors (DIN 43650)
Protection degree	IP 65 (EN 60529) with plug connector
Voltages AC	24V/50Hz - 110V/50Hz (120V/60Hz) - 230V/50Hz (+10% -15%)
	(Other voltages and frequencies on request).

Port size ISO 228	Orifice size (mm)	Differential pressure (bar)						Kv (m³/h)	Series and type		Power absorption			Sealings	Function Notes	Weight (kg)
		Δp min	Δp max								AC (VA)	DC (W)				
			Gases		Liquids				Inrush	Holding						
			AC	DC	AC	DC	DC									
G1/2	11,5	0	8	-	6	-	2,1	L153D07	Z134A	44	24	-	EPDM	1-2-3	0,660	
G3/4	17						5								0,870	
G1	22						8,5								L153D5	Z914A

► **NOTES**

- Sealings : EPDM = Ethylene-propylene elastomer
- 1 - Only for use with steam, consider following values: max pressure 3 bar (max temperature of fluid 140°).
- 2 - The valves can operate in vacuum conditions at 0 bar absolute downstream.
- 3 - On request Z130A or Z923A coil encapsulated in PET (Polyethylene terephthalate) in class "F" (+140°C): maximum fluid temperature +100°C, maximum ambient temperature +60°C.

► SPARE PARTS



Kit description

Kit P.N.

Consisting of:

Diaphragm core kit

L153D07	G1/2	G3084101
	G3/4	G3084201
L153D5	G1	G2836601

Core and sealing disc kit pos.3
OR guide assembly pos. 4

Guide assembly

L153D07	G1/2 – G3/4	3078101R
L153D5	G1	2834901R

Guide assembly pos. 2

Coil

Z134A
Z914A

Coil pos. 1

► INSTALLATION

Solenoid valve can be mounted in any position; vertical with coil upwards preferred.