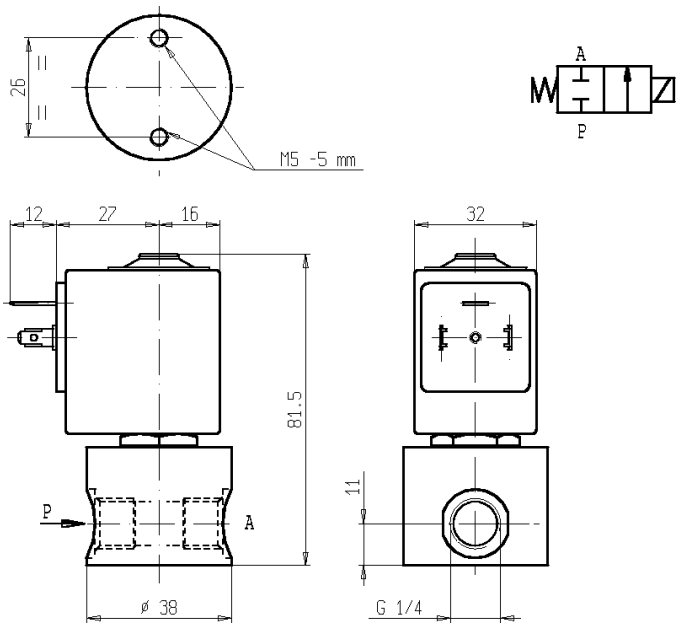
D105V27

2/2 - DRY - SOLENOID VALVE - Normally closed (N.C.)

Series D105V27 - Coil Z030A - Port size G 1/4

ISO 9001



FEATURES - Direct acting, total separation between the actuator and medium which remains in contact only with the v alve body and the diaphragm. Suitable to shut off liquid and gazeous media compatible with construction materials. Possibility of disassembling for inspection.

MOUNTING - In any position, vertical with coil upwards preferred.

VALVE - Body in stainless steel AISI 316. Diaphragm as per table. Fluid temperature from -10°C to +100°C. Viscosity max 5 E° (~37 cStokes or mm^2/s). Opening time ~20ms. Closing time ~20ms.

COIL - Rated for continuous duty in AC (alternate current) or DC (direct current). Coil in class "F" (+155°C) wound by class "H" wires (+180°C) vacuum impregnated by polyester resin and incapsulated into glassfibre reinforced PBT (polybutylene-terephtalate).
Ambient temperature from -10°C to +60°C.
Standard voltages 24V/50Hz - 24V-60Hz - 110V /50Hz (120V/60Hz) - 230/50Hz AC and 12-24V DC.
Voltage tolerance +10% -15% AC and +10% -5% DC.
Electric plug connection (DIN 46340) or for connector (DIN 43650).
Protection degree IP65 EN 60529 if the coil is duly fitted with its connector.

NON STANDARD

Port size ISO 228	Orifice size (mm)	Max pressure (bar)				Kv (m^3/h)	Series and type		Power absorption			Seals	Notes	Weight (kg)
		Gases		Liquids			Valve	Coil	AC (VA)		DC (W)			
		AC	DC	AC	DC				Inrush	Holding				
G 1/4	2	7	7	7	7	0,08	D105V27	Z530A	23	14	9	FPM	1	0,300

NOTES - Seal: FPM = Fluoro-carbon elastomer
- Other voltages and frequencies on request.
1 – On request coil Z534A (PPS - Polyphenylene-sulfide), class "H" (180°C), maximum ambient temperature +80°C.

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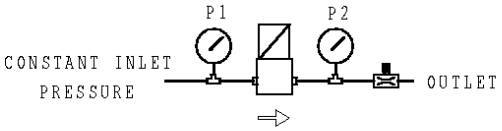
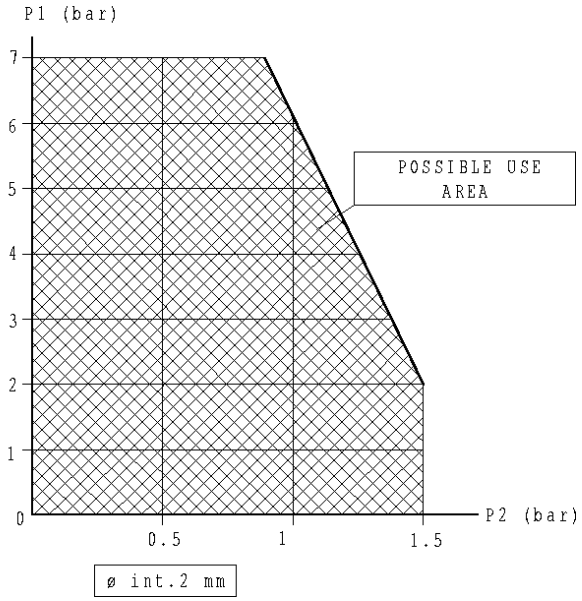


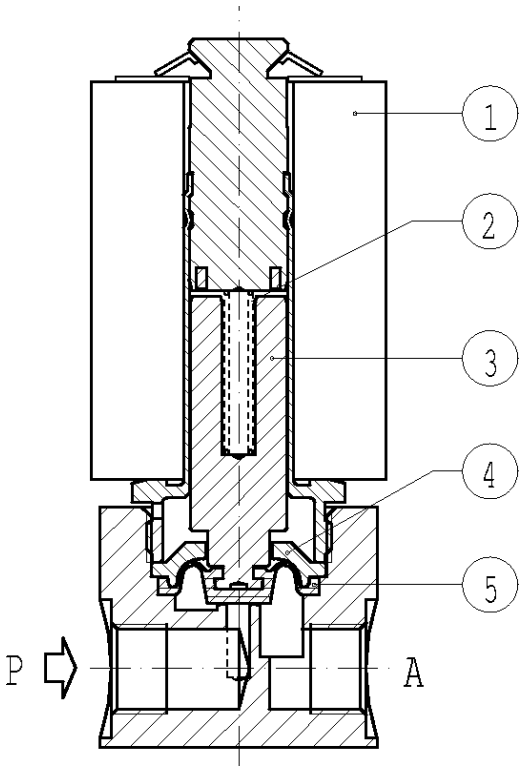
FUNCTIONAL SCHEME



NON STANDARD

SPARE PARTS

Series D105V27



Kit description		Kit P.N.	Consisting of :
Diaphragm kit	FPM	G2710103	Core return spring pos.2 Core pos.3 Spacing collar pos.4 Diaphragm pos.5
Coil Z530A			Coil pos. 1

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