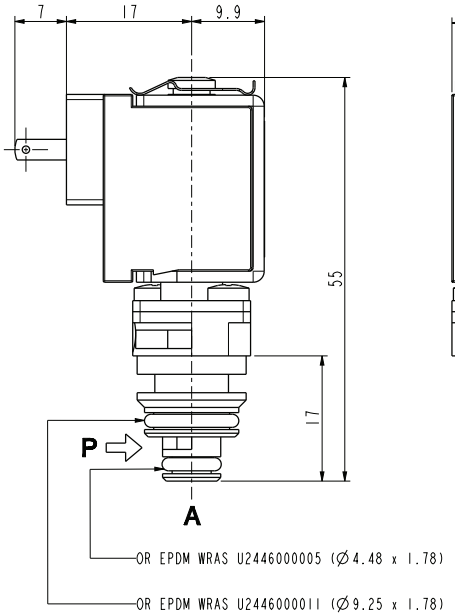
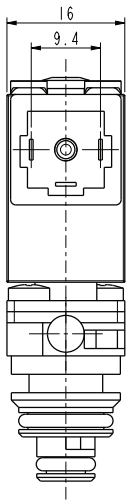
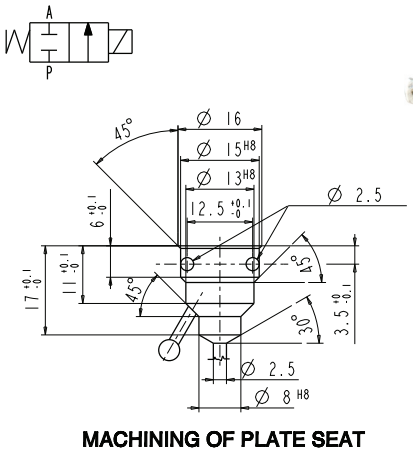
ASCO™ MICRO SOLENOID VALVE

2/2 NORMALLY CLOSED – DIRECT ACTING - PLUG IN

SERIES
V124-D03







MACHINING OF PLATE SEAT

General Features

Direct acting micro solenoid valve, designed to be plugged either in a sub-base or directly on the equipment.
Minimum overall dimensions, quick response time and high number of cycles.
Suitable to shut off liquid and gaseous fluids (verify the compatibility of fluid with materials in contact).

Technical Features	
Maximum allowable pressure (PS)	16 bar
Opening time	from ~ 5ms to ~ 10ms
Closing time	from ~ 5ms to ~ 10ms
Fluid temperature	-10°C +100°C
Max viscosity	3°E (22 cStokes or mm²/s)

Materials in Contact with Fluid	
Body	POM
Sealing	EPDM
Internal components	Stainless steel
Seat	POM
Core tube	Stainless steel

Coil		
Continuous duty		ED 100%
Encapsulation material		PA (Polyamide) fiberglass reinforced
Insulation class		F (155°C)
Ambient temperature		-10°C +60°C
Electric connections		DIN 46340
Protection degree		IP 65 (EN 60529) with micro plug connector
Voltages	DC	12 - 24V (+10% -5%)
		(Other voltages on request)

Port size	Orifice size (mm)	Differential pressure (bar)					Kv (m^3/h)	Series and type		Power absorption			Sealings	Notes	Weight (kg)
		Δp min	Δp max					Valve	Coil	AC (VA)		DC (W)			
			Gases		Liquids					Inrush	Holding				
			AC	DC	AC	DC									
-	2	0	-	6	-	6	0,10	**V124D03**	**ZE30A**	-	-	4	EPDM	-	0,045

Notes

- These micro-solenoid valves are not suitable for stagnating media subject to vaporization which deposit solid, calcareous, incrusting residues or similar.
- Sealings: EPDM = WRAS approved ethylene-propylene elastomer

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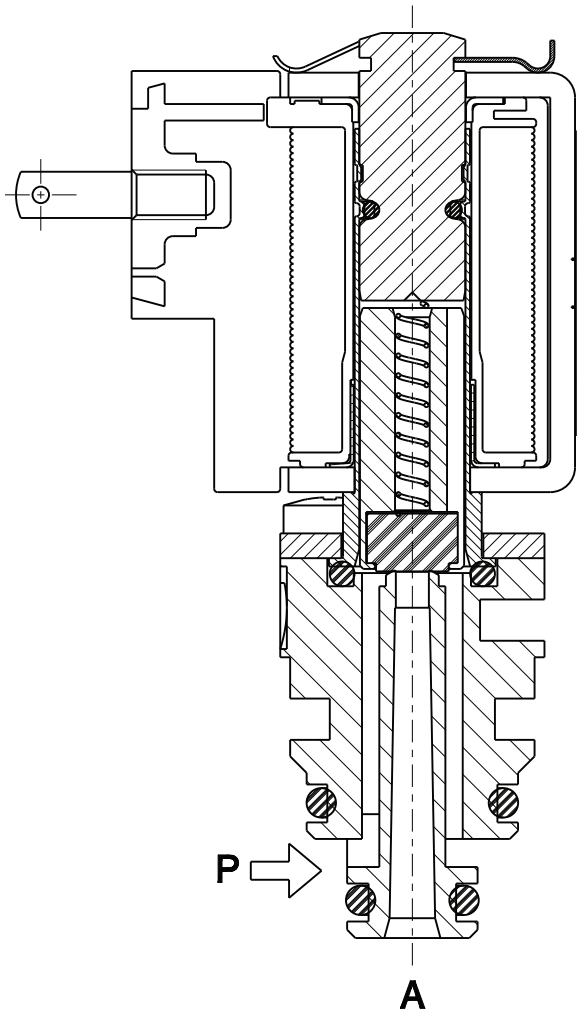
Sectional View



Installation
- Machine the sub-base or the equipment first.
- Solenoid valve can be mounted in any position; vertical with coil upwards preferred.