

124 Series Valves



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RANKIN 
COMPONENTS THAT AUTOMATE

DESCRIPTION

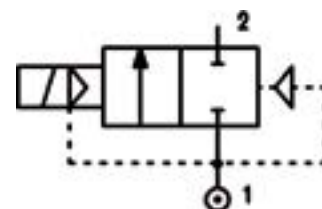
Solenoid valve 2 way normally closed with servo-assisted piston suitable for air and water.

Its requested a minimum differential pressure of 43.5 psi.



CONSTRUCTION

Body and cover	Brass
Armature tube	AISI 303
Plunger and core	AISI 430FR
Piston	PBT
Springs	AISI 302
Seal material	main seal PTFE other FPM



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FEATURES

Minimum differential pressure 43.5 psi

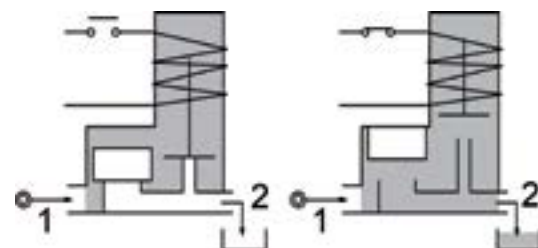
Maximum allowable pressure 2175 psi

Maximum fluid viscosity 12cSt (mm²/s)

Ambient temperature: from +14°F to +176°F according to the coil

Preferred mounting position with vertical coil above

OPTIONS: Electroless nickel plating
c  us certified coils



CODE	Port Size GAS ISO 228	Orifice Size		Flow Factor Cv (gpm)	Operating Pressure Differential (M.O.P.D.)				Nominal power			Coil		Seal	Temp. range (°F)		
		(in)	(mm)		Min		Max		AC (VA)		DC (W)	Series	Width (mm)				
					(psi)	(bar)	(psi)	(bar)	Inrush	Holding							
E124DW12///...	1/2	0.472	12	4.16	43.5	3	1450	100	1450	100	20	15	10	2	30	PTFE=W	+14 +203

② Coil Example: E124DW12///201 PTFE seal
Coil 24V DC

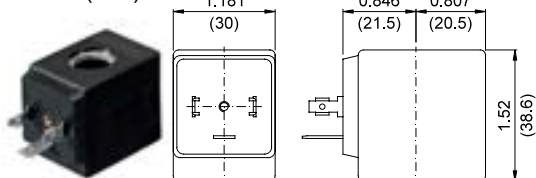
Series 124

COILS Code ②	Alternating Current						Direct Current				Electrical connection	Connectors
	24V		120V		240V		12V		24V			
Series 2 Width 30mm	U25B c RA US	20B	U25D c RA US	20D	U25F c RA US	20F	U250 c RA US	200	U251 c RA US	201	DIN 43650A	PG9 code 10349000

DESCRIPTION
 Insulation class F or H
 Voltage tolerance ±10%
 Protection class:
 IP65 with connector attached
 IP00 without connector
 Continuous service ED100%

OVERALL DIMENSIONS

inches (mm)



Series 2 Weight 0.26lb (0.12Kg)

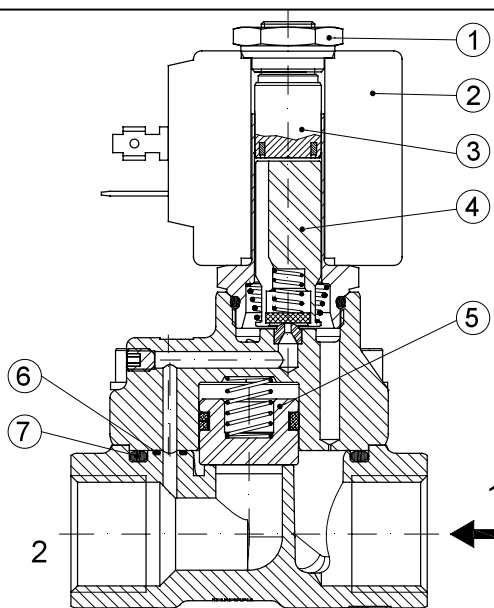
OPTIONS

Cable attached
 Special coil voltage
 Special coil powers
 c RA US certified coils

FOR COIL SPECIFICATION SEE SECTION 6

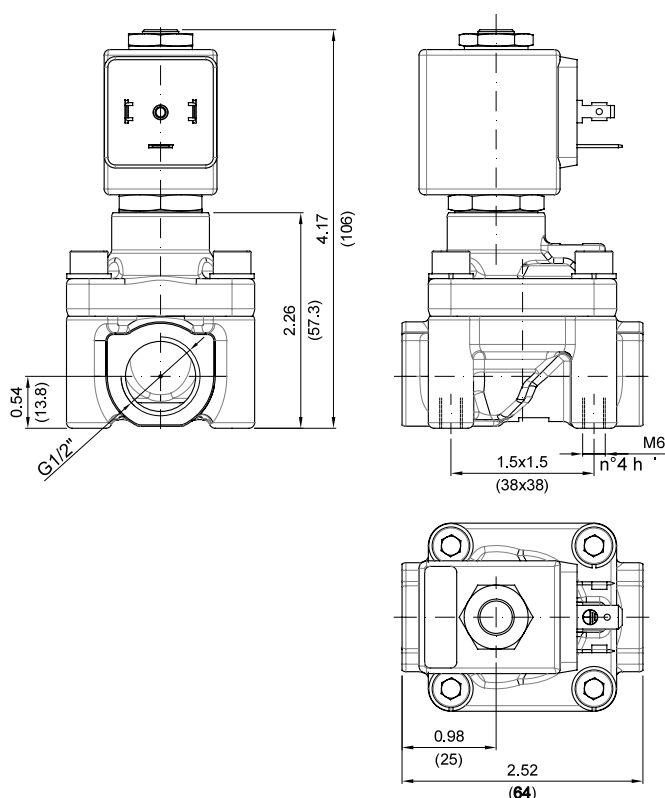
SPARE PARTS LIST

1. Coil fixing nut
2. Coil
3. Armature tube assembly
4. Plunger assembly
5. Piston assembly
6. OR
7. OR



OVERALL DIMENSION

inches (mm)



Weight = 1,94lb (0,88kg)