135 Series Valves





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Technical information are provided for informative purpose only and can be subject to change without prior notice

DESCRIPTION

Solenoid valve 2 way normally closed direct acting poppet type, suitable for food applications and all compatible fluids.

CONSTRUCTION

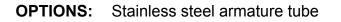
Body

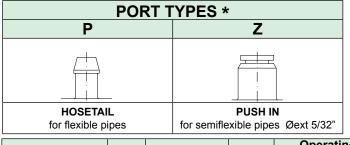
Armature tube Plunger and core Springs Seal material Thermoplastic polymer ACS, KTW, W270, WRAS, NSF, FDA certified Brass chemically nickel plated AISI 430FR AISI 302 NBR - FPM - EPDM

2

FEATURES

Maximum fluid viscosity 25cSt (mm²/s) Ambient temperature: from +14°F to +176°F according to the coil Universal mounting position





CODE	Port type	Orifice Size		Flow Factor		Opera Differ		Nominal power			Coil		Seal	Temp.		
	type			Cv	Min	Max				AC		DC	Series	Width		range ④
						A	C	D	C	(V	/A)					
1 2	*	(in)	(mm)	(gpm)		(psi)	(bar)	(psi)	(bar)	Inrush	Holding	(W)		(mm)	0	(°F)
E135 *20///	Z	0.079	2	0.104	0	174	12	145	10						NBR=B	+14 +194
E135 *30///	Р	0.118	3	0.220	0	65	4.5	29	2	12	8	6.5	3	2	EPDM=E	+14 +284
E135 *40///	Р	0.157	4	0.405	0	36	2.5	17	1.2						FPM=V	+14 +284

① Seal

Ordination example: E135PB20///U351 NBR seal, hosetail connection

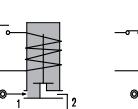
② Coil

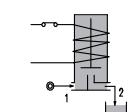
Coil 24V DC certified **Nus** and marked **C**

③ Safe Working Pressure:435 psi. Is the line or system pressure to which the valve may be subjected without being damaged. The maximum allowable pressure PS for steam is 36 psi.

④ The temperature range is related to the material of the seals (NBR, EPDM, FPM), and the valves' body. Please contact us concerning the temperature range referred to the different types of connection.







Series 135

OPTIONS

SECTION 6

Cable attached

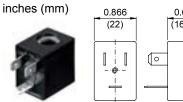
Special coil voltage

Special coil powers

FOR COIL SPECIFICATION SEE

COILS Code ②	Alternating Current 24V 120V 240V					Direct Current				Electrical connection	Connectors	DESCRIPTION Class F or H insulation Voltage tolerance ±10% Protection class:	
Series 3 Width 22mm	U35B ₀ Я	30B	U35D ₀ ₽⅃ տ	30D	U35F ₀ ₽⅃ ัսѕ	30F	U350 c 93 us	300	U351 c 93 us	301	DIN 46244	PG9 code 10348000	IP65 with connector attached IP00 without connector Continuous service ED100%

OVERALL DIMENSIONS

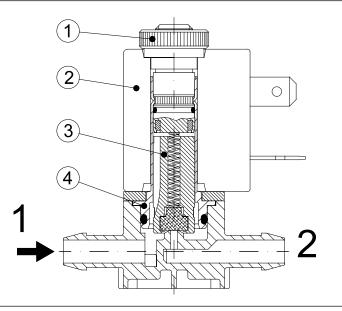


Series 3 Weight 0.11lb (0.05Kg)

0.65 0.433 (16.5) (11) 1217 (30.9)

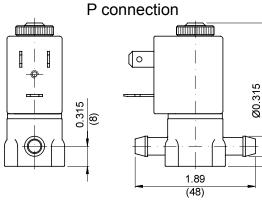
SPARE PARTS LIST

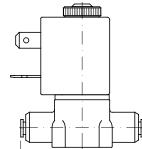
- 1. Coil fixing nut
- 2. Coil
- 3. Plunger assembly
- 4. Armature tube assembly



OVERALL DIMENSIONS

inches (mm)





1.929

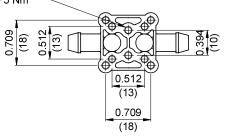
(49)

2.252 (57)

(Ø8)

Z connection

Holes for self-threading screws Ø0.118 (Ø3) max depth 0.315 (8) Max tightening torque 5 Nm



Weight with coil series 3=0.22lb (0.10Kg) Weight with coil series 4=0.33lb (0.15Kg)