

DESCRIPTION

2-Way Solenoid Valve – General Purpose
Normally Closed – Low and Medium Pressure (0 to 145 PSI)
Quick Closing – Anchored Diaphragm
3/8" to 1" NPT Connection

APPLICATION

Water – Air – Gas – Liquids – Low Viscosity Oils

- Pumps
- Washing Equipment
- Industrial Laundries
- Compressors
- Vacuum Systems

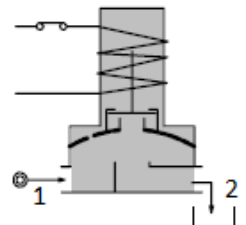
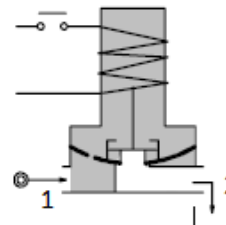
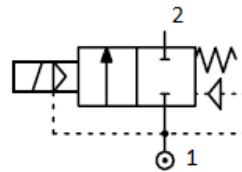
FEATURES

Maximum differential pressure 145 PSI
Nitrile anchored diaphragm
Maximum fluid viscosity 20 cSt (mm²/s)
Ambient temperature: with class F coil 14°F +131°F
with class H coil 14°F +176°F

NOTES

Mounting position any, preferably with coil vertically upwards

OPTIONALS Surface chemical treatment of nickel
Coil with anti-spark electrical connection



CODE	Connection NPT	Hole mm	KV m³/h	Differential Pressure PSI			Nominal Power			Coil		Sealing	Temp. Field F°
				Min	Max		AC Start- up	VA Regime	DC Watts	Type	Width		
					AC	DC							
B130AC	3/8"	16	4.8	0	145	116	40	30	27	FR 55	44	NBR=O EPDM=J FPM=K	14 +194
B130AD	1/2"	16	4.8	0	145	116	40	30	27	FR 55	44		14 +284
B130AE	3/4"	20	7.5	0	145	116	40	30	27	FR 55	44		14 +266
B130AF	1"	25	12	0	145	116	40	30	27	FR 55	44		

Seat material	*Nitrile = O	EPDM = J	FPM = K
Temperature Field	14 to 194°F	14 to 284°F	14 to 284°F
Applications	Water, air, light oils. Neutral gases. Kerosene. Low and medium vacuum.	Water vapor, hot water, acetone	Gasoline, naphtha, aromatics, benzene, etc. Hot gases. High vacuum. Diesel oil.

*Nitrile floating diaphragm.

Please contact your sales team for other seat materials.

COIL	Direct Current Voltage			Alternating Current 60/80Hz Voltage			Electrical Connector	Connector
	12	24	110	24	110	220		
FR55 Type Width 44	B130AH-B	B130AW-B	B130A-110VDC	B130A-B-24VCA	B130AZ-B	B130AY-B	DIN 43650A	PG11 code 10349060
FR55 E Type Width 45	B130AH-B-E	B130AW-B-E	B130A-110VDC-E	B130A-B-24VCA-E	B130AZ-B-E	B130AY-B-E	Conduit 1/2" NPT	-

DESCRIPTION

Insulation Class F

FR55 Series – Width 44

Voltage Tolerance

AC +15% - 10%

DC +/- 10%

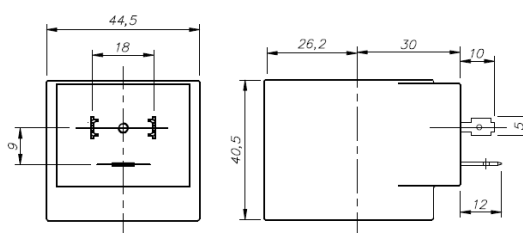
IP65 with Connector Mounted

ED100%

OPTIONAL

Insulation Class H

Anti-Spark Outlet



FR55 Series Weight 0,17Kg



Anti Spark Coil

PARTS LIST

1. Coil Fixing Thread
2. Coil
3. Solenoid Assembly
4. Sealing

CONSTRUCTION

Body

Guide Tube

Mobile and Fixed Core

Spring

Seal

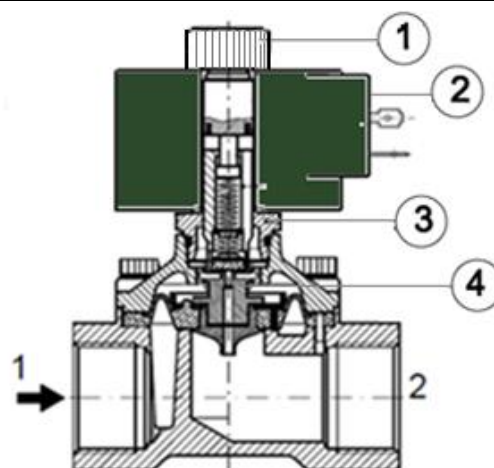
Forged Brass

Stainless Steel

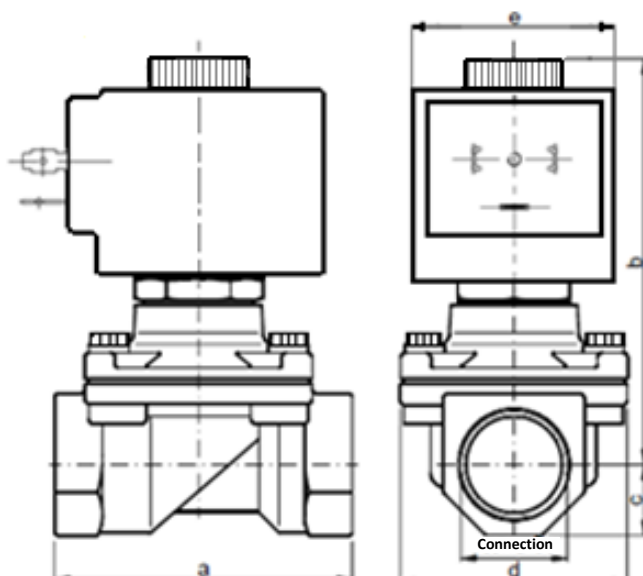
Stainless Steel

Stainless Steel

NBR – FPM – EPDM



DIMENSIONS



Connection	a	b	c	d	Type 55	Weight Kg
3/8" NPT	60	83	14	45	44	0.50
1/2" NPT	60	83	14	45	44	0.45
3/4" NPT	75	90	18	55	44	0.75
1" NPT	96	101	20	72	44	1.20