

DESCRIPTION

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

APPLICATION

Water – Air – Gas – Liquids – Low Viscosity Oils

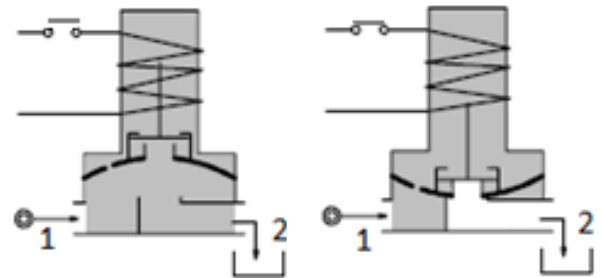
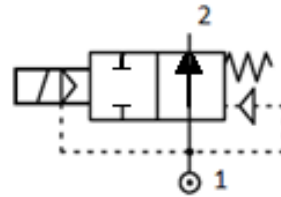
- Pumps
- Washing Equipment
- Industrial Laundries
- Compressors
- Vacuum Systems

FEATURES

Maximum Differential Pressure 145 PSI
Floating diaphragm in Nitrile
Maximum fluid viscosity 20 cSt (mm²/s)
Ambient Temperature: with class F coil 14°F +131°F

NOTES

Mounting position with coil in vertical upward position
For full opening of the valve diaphragm, a differential pressure of 2.5 PSI is required.



CODE	Connection NPT	Hole mm	KV m³/h	Differential Pressure PSI			Nominal Power			Coil		Sealing	Temp. Field F°
				Min	Max		AC	VA	DC	Type	Width		
					AC	DC	Start- up	Regime	Watts				
R356AC	3/8"	16	4.8	0	145	116	40	30	27	FR 55	44	NBR=O EPDM=J FPM=K	14 +194
R356AD	1/2"	16	4.8	0	145	116	40	30	27	FR 55	44		14 +284
R356AE	3/4"	20	7.5	0	145	116	40	30	27	FR 55	44		14 +284
R356AF	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		
Type FR55 Width 44	B130AH-B	B130AW-B	B130A-110VDC	B130A-B-24VCA	B130AZ-B	B130AY-B	DIN 43650A	PG11 code 10349060
Type FR55 E Width 44	B130AH-B-E	B130AW-B-E	B130A-110VDC-E	B130A-B-24VCA-E	B130AZ-B-E	B130AY-B-E	Threaded 1/2" NPT	-

DESCRIPTION

Insulation Class F

FR55 Series – Width 44

Voltage Tolerance

AC +15% - 10%

DC +/- 10%

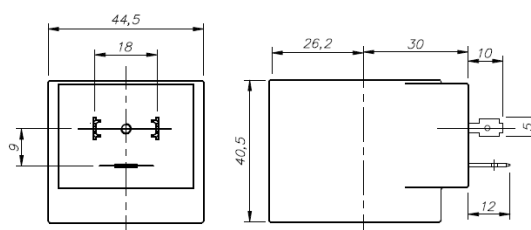
IP65 with Mounted Connector

ED100%

OPTIONAL

Insulation Class H

Anti-Spark Output



FR55 Series Weight 0,17Kg



Anti Spark Coil

PARTS LIST

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

CONSTRUCTION

Body

Forged Brass

Guide Tube

Stainless Steel

Mobile and Fixed Core

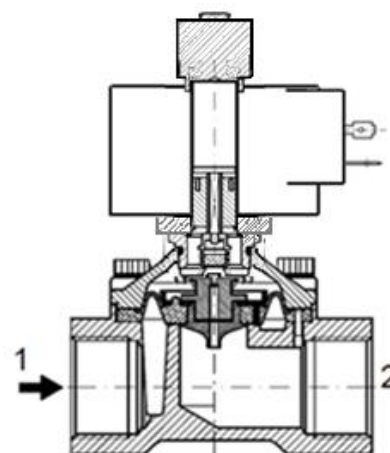
Stainless Steel

Spring

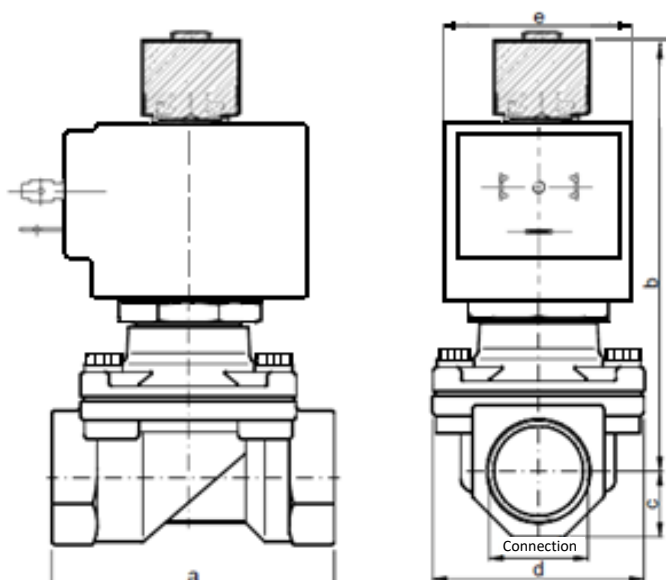
Stainless Steel

Seal

NBR - EPDM - FPM



DIMENSIONS



Connection	a	b	c	d	Type 55	Weight Kg
3/8" NPT	60	95	12	45	44.5	0.50
1/2" NPT	60	95	12	45	44.5	0.45
3/4" NPT	68	130	15	55	44.5	0.75
1" NPT	75	141	20	72	44.5	1.20