



**2036 Main features:**

- Normally closed.
- Piston or diaphragm servo-operated action.
- Forged brass body.
- BSP or NPT threaded connections.
- Buna N or neoprene diaphragm with plastic core, EPDM or FKM with metal core, or brass piston with PTFE.
- Shape B DIN 43650 connection encapsulated minicoils.
- IP65 and NEMA4 Protection.

**2036V Applications:**

**Steam valve up to 10 bar  
Laundry, dry-cleaning, etc.**

**2036 Applications:**

- Washing machines.
- Lubricated air, hot air, dry air, etc.
- Oxygen and acetylene equipments.
- Spraying. Irrigation.
- Air dryers. Water treatment.

**Operating pressure differential**

Size	Minimum*		Maximum		Maximum steam			
	bar	psi	bar	psi	EPDM		PTFE	
					bar	psi	bar	psi
3/8"	0.2	3	15	218	3	45	10	150
1/2"								
3/4"								
1"	0.3	4.5	10	145	3	45	-	-

\* With PTFE rings minimum: 0.3 bar (4 psi)

**Technical specifications**

Ø Connect.	Ø Orifice		Flow factor		Weight		Maximum temp. and catalog N° according to seat material				
	mm	ins	Kv	Cv	kg	Lb	Buna "N"	Neoprene	EPDM	FKM	PTFE
							80°C / 176°F	80°C / 176°F	150°C / 302°F	145°C / 293°F	180°C / 356°F
3/8"	13	0.50	2.60	2.90	0.320	0.7	2036BA03	2036BN03	2036BE03	2036BV03	2036BT03
1/2"	13	0.50	3.60	4.20	0.320	0.7	2036BA04	2036BN04	2036BE04	2036BV04	2036BT04
3/4"	16	0.63	5.50	6.40	0.225	1.4	2036BA06	2036BN06	2036BE06	2036BV06	2036BT06
1"	25	1	9	10.50	0.980	2.2	2036BA08	2036BN08	2036BE08	2036BV08	-

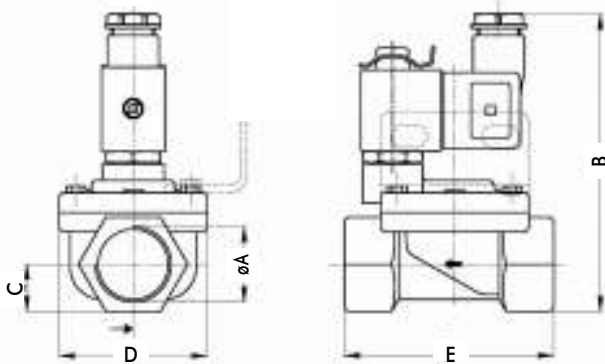
**Note:** Buna N, Neoprene, EPDM y FKM: diaphragm.  
PTFE: piston. Only for steam.



CERTIFIED QUALITY SYSTEM

Contact our manufacturing plant for information on available models

**General dimensions 2036**



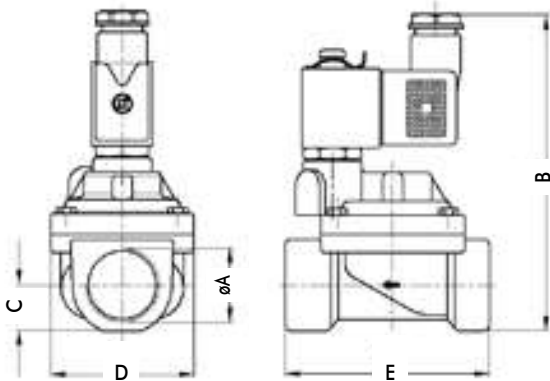
øA	B	C	D	E
R 3/8"	95	13	45	64
R 1/2"				
R 3/4"	103	17	52	73
R 1"	115	21	72	99

Measurements: mm

øA	B	C	D	E
R 3/8"	3.74	0.51	1.77	2.52
R 1/2"				
R 3/4"	4.06	0.67	2.05	2.86
R 1"	4.53	0.83	2.83	3.90

Measurements: ins.

**General dimensions 2036V**



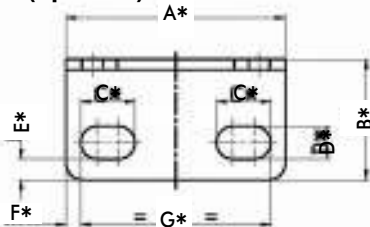
øA	B	C	D	E
R 3/8"	100,5	13	45	64
R 1/2"				
R 3/4"	115	17	52	73

Measurements: mm

øA	B	C	D	E
R 3/8"	3.96	0.51	1.77	2.52
R 1/2"				
R 3/4"	4.53	0.67	2.05	2.86

Measurements: ins.

**Fixing plate (optional)**



A*	B*	C*	D*	E*	F*	G*
52.5	29	13	7.9	5	3.5	45.5

Measurements: mm

A*	B*	C*	D*	E*	F*	G*
2.07	1.14	0.51	0.31	0.20	0.14	1.79

Measurements: ins.

**Coil characteristics**

Electric power supply	Coil type	Power W	VA (volt-ampere)		Maximum temperature		Available tensions
			Inrush	Holding	°C	°F	
AC 50 Hz	GF06C	6	10.8	7.5	155	311	1
AC 60 Hz	GF06C	6	12.9	8.0	155	311	2
DC	GF06C	6	6	6	155	311	3

1-(12,24,110,220,240)V 2-(12,24,110,120,220,240)V 3-(12,24,110,220)V

Options	Prefix	Suffix	Examples
Mounting bracket		-MB	2036BA03-MB
NPT connections		T	2036BA06T
Energized coil indicator light		See coils.	

**Application according to seat material**

Seat material	Buna "N"	Neoprene	EPDM	FKM	PTFE
Maximum temperature	+80 °C / 176 °F	+80 °C / 176 °F	+145 °C / 293 °F	+150 °C / 302 °F	+180 °C / 356 °F
Uses	Water, air, light oils. Neutral gases. Kerosene, low and medium vacuum	Oxygen, alcohol, argon, other non-corrosive light gases and liquids, Freon 12.	Water steam, hot water, acetone.	Benzine, naphta, aromatics, etc. hot gases, high vacuum, diesel oil.	Water steam.

**Recommendations for installation**

Place a strainer upstream the valve with a porosity ≤ 100µ. Preferably over horizontal pipeline with the coil upright.