



**1330 Series**

**Main characteristics**

Normally closed and normally open. Direct acting or pilot operated versions. Injected aluminium body. Stainless steel or aluminium die-cast bonnet.

**Technical specifications**

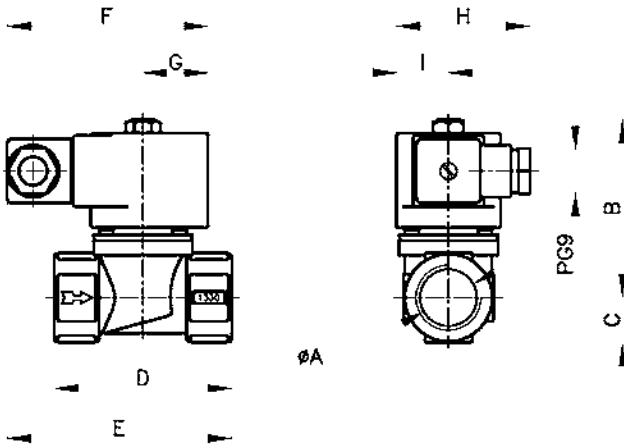


**2030 Series**

BSP or NPT threaded connections. Buna "N" seats and diaphragm. Encapsulated coil. DIN 43650 Connection. IP65 and NEMA 4 Protection. Quick or slow opening adjustable up to 10 sec. Closure in less than 1 second. Optional: microcontact for closed valve verification.

Ø Piper ins.	Ø orifice		Flow factor		Pressure differential				Weight		Catalog N°
	mm	ins.	Kv	Cv	Minimum bar	psi	Maximum bar	psi	kg	Lb	
Normally closed - Direct acting											
1/2	8	0.315	1.7	2	0	0	1	15	0.5	1.1	1330LA0
1/2	18	0.71	3.4	4.0			0.2	3	0.5	1.1	1330LA04
3/4	18	0.71	4.2	4.9			0.2	3	0.5	1.2	1330LA06
1	32	1.26	10	12			0.05	0.75	1	2.2	2030LA08
1 1/4	32	1.26	12	14			0.05	0.75	0.9	1.9	2030LA10
Normally closed - Pilot operated - Quick open											
1	26	1.02	12	14	0.001	0.015	0.2	3	1	2.2	1330LA08
1 1/2	48	1.89	35	41					1.8	4.0	2030LA12
2	51	2.00	43	50					1.6	3.5	2030LA16
Normally closed - Pilot operated - Slow opening											
1	26	1.02	12	14	0.001	0.015	0.2	3	1.09	2.4	1330LA08L
1 1/2	48	1.89	35	41					1.88	4.2	2030LA12L
2	51	2.00	43	50					1.66	3.7	2030LA16L
Normally closed - Pilot operated - Reinforced diaphragm											
1	26	1.02	12	14	0.01	0.15	2	30	1	2.2	1330LAR08
1 1/2	45	1.89	34	40					1.8	4.0	2030LAR12
2	45	2.00	41	48					1.6	3.5	2030LAR16
Normally open - Direct acting											
1/2	8	0.315	1.7	2	0	0	1	15	0.6	1.3	1330LA0INA
1/2	18	0.71	3.4	4.0	0	0	0.2	3	0.6	1.3	1330LA04INA
3/4	18	0.71	4.2	4.9					0.6	1.3	1330LA06INA
Normally open - Pilot operated											
1	26	1.02	12	14	0.001	0.015	0.2	3	1	2.2	1330LA08NA
1 1/2	48	1.89	35	41					1.8	4.0	2030LA12NA
2	51	2.00	43	50					1.6	3.5	2030LA16NA
Normally open - Pilot operated - Reinforced diaphragm											
1	26	1.02	12	14	0.01	0.15	2	30	1	2.2	1330LAR08NA
1 1/2	45	1.89	34	40					1.8	4.0	2030LAR12NA
2	45	2.00	40	48					1.6	3.5	2030LAR16NA

**General dimensions 1330 - 2030**



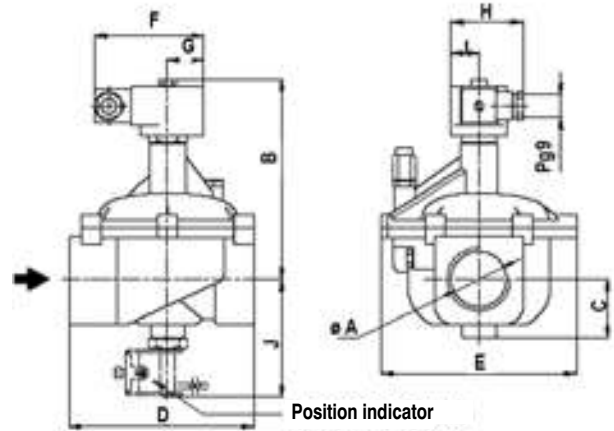
**DIRECT ACTING**

øA	B	C	D	E	F	G	H	I
1/2"	75	19	75	95	85	27	57	22
3/4"								
1"	90	29	105	111	85	27	57	22
1,1/4"								

Measurements: mm

øA	B	C	D	E	F	G	H	I
1/2"	2.95	0.75	2.95	3.74	3.35	1.06	2.24	0.87
3/4"								
1"	3.54	1.14	4.13	4.37	3.35	1.06	2.24	0.87
1,1/4"								

Measurements: ins.



**PILOT OPERATED**

øA	B	C	D	E	F	G	H	I	J
1"	131	22	157	124	85	27	57	22	74
1 1/2"	158	46	148	154	85	27	57	22	98
2"									

Measurements: mm

øA	B	C	D	E	F	G	H	I	J
1"	5.16	0.87	6.18	4.88	3.35	1.06	2.24	0.87	2.91
1 1/2"	6.22	1.81	5.83	6.06	3.35	1.06	2.24	0.87	3.86
2"									

Measurements: ins.

**Coil characteristics**

Electric power supply	Coil type	Power W	VA (volt-amp)		Maximum temperature		Available tensions
			Inrush	Holding	° C	° F	
AC 50 Hz	MF11C	11	40	22	155	311	1
	MH11C	11	40	22	180	356	1
AC 60 Hz	MF13C	13	45	27	155	311	2
	MH13C	13	45	27	180	356	2
D/C	MH19C	19	19	19	180	356	3

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

**Applications**

- Low and medium pressure gas combustion equipment.
- Low and medium pressure air or any other neutral gas.
- They comply with the resolutions, regulations and recommendations for the use of natural gas in industrial installations in Argentina.

**New products**

**NEW SOLENOID VALVE MODELS**

- **Direct Action Slow Opening Valves - 1/2" & 3/4".**

To request a technical bulletin for models that are not included in this catalog, please contact **JEFFERSON** at:

**info@jeffersonvalves.com**

Options	Prefix	Suffix	Examples
Water, weather and saline corrosion proof coils.	<b>YC</b>		<b>YC2030LA12</b>
Explosion and weather proof coils.	<b>ZC</b>		<b>ZC2030LA12</b>
Weather proof housing (**)	<b>Y</b>		<b>Y2030LA12</b>
Explosion and weather proof housing. (**)	<b>Z</b>		<b>Z2030LA12</b>
NPT connections		<b>T</b>	<b>2030LA12T</b>
Closed valve verification (*)		<b>-I2</b>	<b>2030LA12-I2</b>
Energized coil indicator light		See coils.	

(\*) Minimum dp 0.005 bar - 0.075 psi  
(\*\*) Only for 1", 1 1/2" and 2"

**Recommendations for installation**

Place a strainer upstream the valve with a porosity ≤ 50µ.  
Any position, preferably over horizontal pipeline with the coil upright.