

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

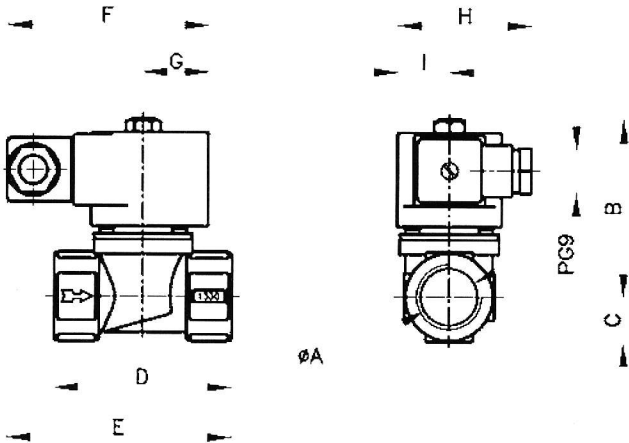


2030 Series

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



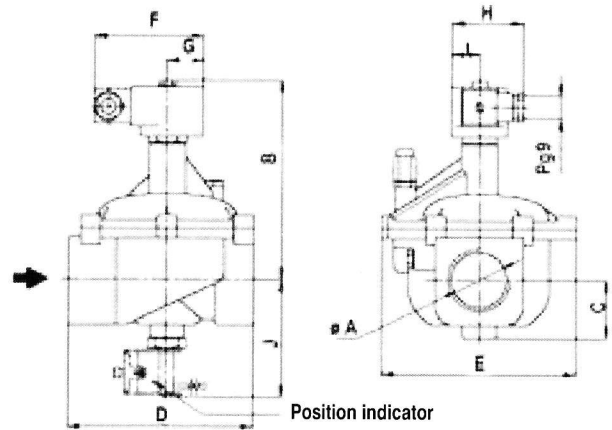
DIRECT ACTING

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-amper)		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.

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