

ASCO™ Solenoid Valves

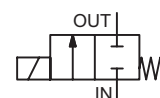
For Low Pressure Gas, EN 161

Direct Operated, 3/8" and 1/2" threaded

2/2 NC
Series
030

Features and Benefits

- For gas burner control on industrial atmospheric and forced draught burners, also used in kilns and furnaces in process industries
- All valves have been type tested to EN 161 and satisfy the Regulation (EU) 2016/426 on gas appliances
Certificate of conformity BSI: No. CE 688365
- All valves are for class A group 2 service and cover gas family 1, 2 and 3
- All valves are suitable to withstand 150 mbar back pressure
- Brass bodied, low pressure valves designed to provide maximum flow
- Direct lift valves with resilient soft seating for tight shut-off
- The solenoid valves do not require a minimum operating pressure



CE

General

Differential pressure

See «SPECIFICATIONS» [1 bar = 100 kPa]

Response time

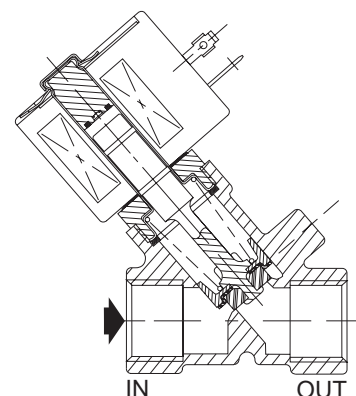
1 s max.

Fluids (*)	Temperature range (TS)	Seal materials (*)
combustible gas	0°C to +60°C	NBR (nitrile)

Materials of components in contact with fluid

(*) Ensure that compatibility of materials in contact with fluids is verified.

Body	Brass
Core tube	Stainless steel
Core and plugnut	Stainless steel
Spring	Stainless steel
Seat	Brass
Seals	NBR
Disc	NBR
Shading coil	Copper



Electrical characteristics

Coil insulation class

F

Connector

Spade plug (cable Ø 6-10 mm)

Connector specification

ISO 4400 / EN 175301-803, form A

Electrical safety

IEC 335

Electrical enclosure protection

Moulded IP65 (EN 60529)

Standard voltages

AC (~) : 24V - 48V - 115V - 230V / 50 Hz

(Other voltages and 60 Hz on request)

Prefix option	Power ratings			Operator ambient temperature range (TS) (C°)	Replacement coil	Type ⁽¹⁾
	Inrush	Holding			~	
	~	~	(W)		230 V/50 Hz	
	(VA)	(VA)				
EGSC	40	17	6	0 to +60	400919-117	01

⁽¹⁾ For dimensions, see drawing(s) for each construction type on the following page(s).

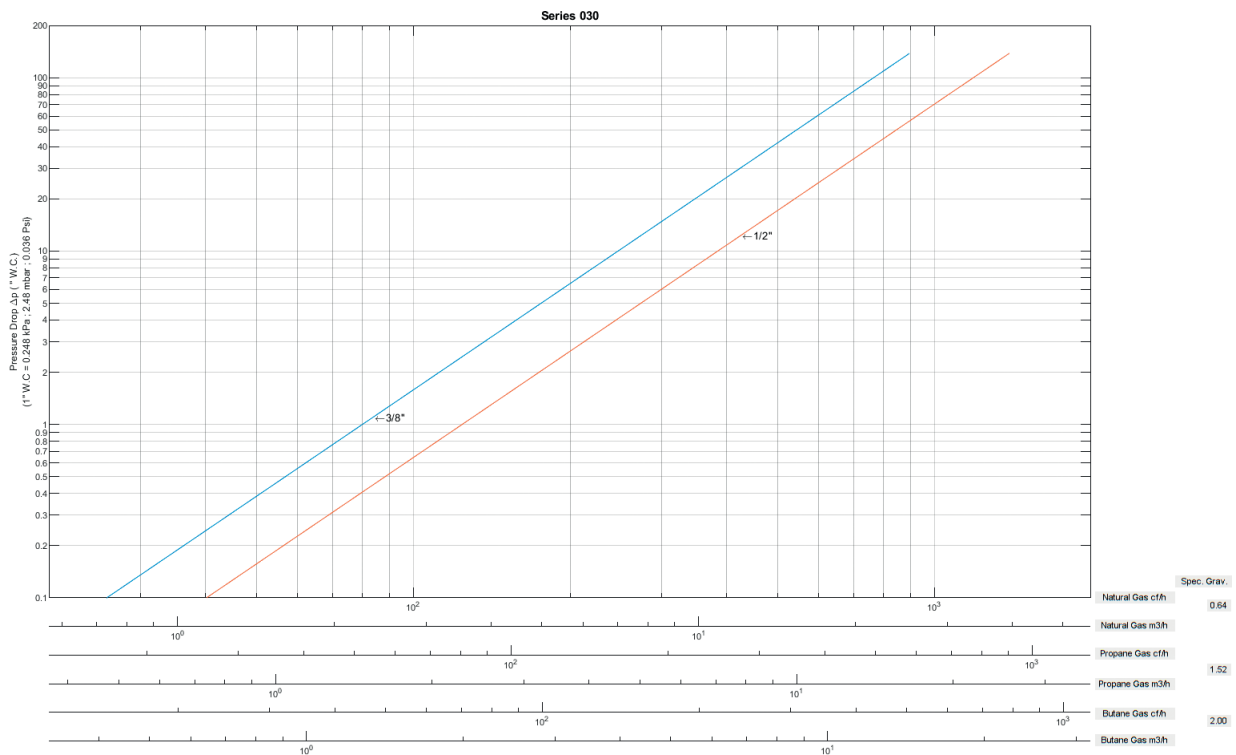
Specifications

Pipe size	Orifice size	Flow ⁽¹⁾		Operating pressure differential (bar)		Power coil (W)	Catalogue number
				Min.	Max (PS) Gas (*)		
Rp	(mm)	(m³/h)	(l/min)		~	~	~
NC - Normally closed							
3/8"	9.5	2.19	36.5	0	0.48	6	EGSCE030B010
1/2"	11	3.41	56.8	0	0.14	6	EGSCE030A016

⁽¹⁾ For 2.5 mbar pressure drop air 1.0 s.g. at 1.013 bar and 15°C.

(*) Ensure that compatibility of materials in contact with fluids is verified.

Gaz Flow Chart



ASCO™ Solenoid Valves

Options

- Mounting brackets, suffix MB (EGSCE040B001/002/B003 only)
- Integrated strainer at the inlet port, used suffix D30
- Connector with visual indication and peak voltage suppression or with cable length of 2 m

Installation

- The solenoid valves can be mounted in any position without affecting operation
- Pipe connection identifier is E = Rp (ISO 7/1)
- Installation/maintenance instructions in multiple languages are available on our website

Spare parts kit

Catalogue number	Spare parts kits no.
	~
EGSCE030B010	K312981
EGSCE030A016	K312980

- Not available.

Ordering Examples Valves:

EGSC	E	030 B 010	230V / 50 Hz
EGSC	E	030 A 016	115V / 50 Hz
prefix	pipe thread	basic number	voltage
			suffix

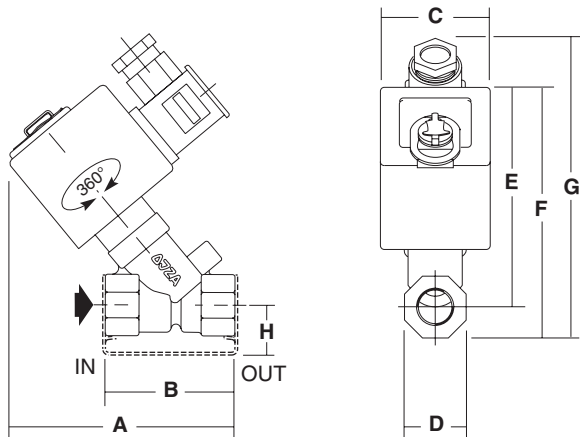
Ordering Examples Kits:

	K312981
basic number	

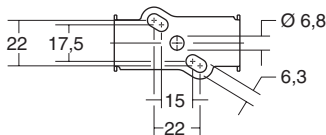
Dimensions (mm), Weight (kg)



TYPE 01
Prefix "EGSC" Solenoid
Epoxy moulded
IEC 335 / ISO 4400
IP65



bottom view
mounting bracket



Type	Catalogue number	A	B	C	D	E	F	G	H	Weight ⁽¹⁾
01	EGSCE030B010	75	48	39	22	77	88	122	20	0.5
	EGSCE030A016	87	58	39	28	82	96	130	22	0.5

⁽¹⁾ including coil and connector.