SV5221

2/2 way Servo assisted Solenoid Valve 0.5-15Bar Normally Closed – St.St.

- Screwed BSP
- Sizes from 3/8" - 2"
- Normally Closed Servo Assisted
- Options for Seal Variants
- Supplied with Plug Connector
- Continuous Duty 100%
- ATEX Certified Coil Option

Description

The SV5213 is a Normally Closed solenoid valve, manufactured in 316 Stainless steel (CF8M). The 2/2 way Servo Assisted (see below) is used for the isolation of media such as air, water, gas and light oil. Offered with various options for different switching voltages and three choices of seal materials, to suit your media and temperature. The valve opening and closing time is 50 milli seconds and can handle viscosity of the media up to 50 centipoise. This valve has an option to fit an ATEX Certified Coil. Temperatures are dependant upon seal materials.

Servo Assisted

Because this valve is servo assisted, greater pressures can be achieved over direct acting solenoid valves, in this case up to 15 Bar, however a differential pressure of 0.5 bar is required to operate the valve correctly. This means a difference of pressure between the inlet and outlet must be 0.5 bar or more.

Description

A servo assisted Stainless Steel 316 (CF8M) solenoid valve suitable for isolation, requiring a differential pressure of 0.5 bar. Screwed BSP in sizes from 3/8" to 2" and offered with options for seals and voltages. This economic solenoid valve is part of the VOLT Brand, the ensures reliable and repeatable performance. Option for ATEX Certified Coil.

Beschreibung

Ein servounterstütztes Magnetventil aus Edelstahl 316 (CF8M), das zur Absperrung geeignet ist und einen Differenzdruck von 0,5 bar erfordert. Geschraubtes BSP in Größen von 3/8" bis 2" und angeboten mit Optionen für Dichtungen und Spannungen. Dieses wirtschaftliche Magnetventil ist Teil der Marke VOLT, die eine zuverlässige und wiederholbare Leistung gewährleistet. Option für ATEX-zertifizierte Spule.

Descripción

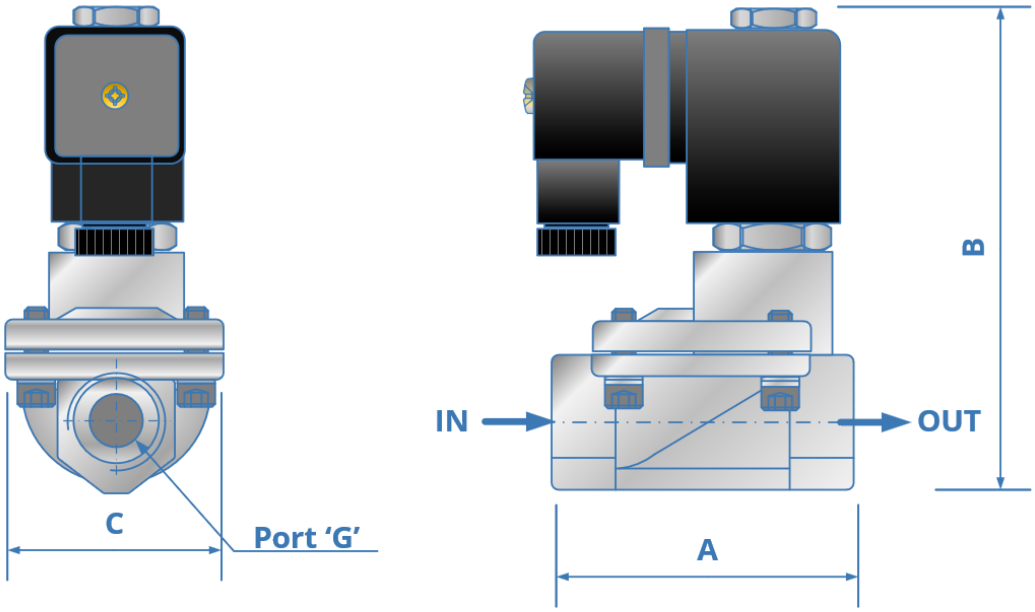
Una electroválvula servoasistida de Acero Inoxidable 316 (CF8M) apta para aislamiento, que requiere una presión diferencial de 0,5 bar. Roscado BSP en tamaños de 3/8" a 2" y ofrecido con opciones de sellos y voltajes. Esta electroválvula económica es parte de la marca VOLT, lo que garantiza un rendimiento confiable y repetible. Opción para bobina certificada ATEX.

Description

Une électrovanne servo-assistée en acier inoxydable 316 (CF8M) adaptée à l'isolement, nécessitant une pression différentielle de 0,5 bar. BSP vissé dans des tailles de 3/8" à 2" et proposé avec des options pour les joints et les tensions. Cette électrovanne économique fait partie de la marque VOLT, elle garantit des performances fiables et reproductibles. Option pour bobine certifiée ATEX.

Coil OPTION

SV5221



- Media: Air, water, light oil, gas
- Pressure range: 0.5 to 15 bar max
- Media temperature: -40°C to 180°C max (see Seals)
- Ambient temperature: -40°C to +60°C max
- Media viscosity: 50 centistokes max
- Mounting: Coil upright
- Opening Closing time: 50 mSec max

SPECIFICATIONS						Dimensions		
Port	Orifice	Kv Ltr/min	Pressure Rating (Bar)		Max Working	Weight Kg			
			Min	Max			A	B	C
3/8"	13	40	0.5	10	15	0.77	66.5	106.5	48
1/2"	13	40							
3/4"	25	165				1.55	100	126.5	75
1"	25	165							
11/4"	38	367				2.82	131	145.5	101
11/2"	38	500							
2"	50	580				4.66	160	160.5	118

OPTIONS
IP65 Coil & Connector PG9 – DIN 43650 A
ATEX 22003EX Coil: ATEX EExmIIT4 II 2G & 2D IP65 T130°C
Explosion Proof Enclosure: EExdIICT6 ATEX II 2 G/D IP65 (Custom made)
NPT Thread
Normally Closed with Silver Shading Ring (D014DVHA) Requires 22005 18.5 Watt high power coil

OPTION

Electrical Data					
Voltage (-10% + 10%) Continuous duty 100%	Coil	Power Consumption		Insulation Class	IP Rating With Connector
		Inrush	Hold		
24 – 48 – 110 – 240 – 380 (50 or 60 Hz)	22003	23VA	17VA	H 180°C	IP65 with connector
12 – 24 – 48 (DC)		15 Watts			

Seal Material	
80° C	NBR
180° C	FKM
130° C	EPDM