

ASCO - 2/2 PROPORTIONAL VALVE 3/8"

SCB202A033VS3
Proportional valve 2/2 NC 3/8" 24VDC

- Normally closed
- Large flow
- Working pressure 0 to 4 bar
- Housing in brass or stainless



Product description

Differential pressure	0-4 bar
Max. permitted pressure	35 bar
Max. viscosity	21 cSt (mm²/s)
Media	Air, gas, water and oil
Media temperature	-10 °C to +90 °C, FPM (Viton)
IP-class	IP65
Standard voltages	0 to 24 V DC
Hysteresis	<5 %
Repeatability	<3 %
Sensitivity	<2 %
Connection	DIN43650/A

Design		
Valve body	Brass	AISI303SS
Core tube	Stainless 305SS	Stainless 305SS
Core	Stainless 430FSS	Stainless 430FSS
Spring	Stainless 302SS	Stainless 302SS
Seat	Brass	Stainless 303SS

Seals	FPM (viton)	FPM
Slide ring/guide	PTFE	PTFE
Coil	Epoxy	Epoxy

Dimensions

	Weight 0.5 kg
--	---------------

Coil	Power consumption	Ambient temperature	
	working current	warm/cold	
	mA	W	
MXX-F	100-500	11/8	-10 °C to +75 °C

Order number

Order no.	Connection	Orifice	Flow factor Kv		Differential pressure bar		
		mm	m³/h	l/min.	min.	vacuum	air/gas/water/oil
G, Brass housing, Viton seals							
SCE202A023VS3	3/8	3.2	0.24	4.0	0	1	4.0
SCE202A024VS3	3/8	4.0	0.42	7.0	0	1	2.5
SCE202A026VS3	3/8	5.6	0.72	12.0	0	1	1.4
SCE202A027VS3	3/8	7.1	0.90	15.0	0	1	1.0
SCE202A073VS3	3/8	3.2	0.24	4.0	0	1	4.0
SCE202A074VS3	3/8	4.0	0.42	7.0	0	1	2.5
SCE202A076VS3	3/8	5.6	0.72	12.0	0	1	1.4
SCE202A077VS3	3/8	7.1	0.90	15.0	0	1	1.0
NPT, Stainless housing, Viton seals							
SCB202A033VS3	3/8	3.2	0.24	4.0	0	1	4.0
SCB202A034VS3	3/8	4.0	0.42	7.0	0	1	2.5
SCB202A036VS3	3/8	5.6	0.72	12.0	0	1	1.4
SCB202A037VS3	3/8	7.1	0.90	15.0	0	1	1.0
SCB202A083VS3	3/8	3.2	0.24	4.0	0	1	4.0

SCB202A084VS3	3/8	4.0	0.42	7.0	0	1	2.5
SCB202A086VS3	3/8	5.6	0.72	12.0	0	1	1.4
SCB202A087VS3	3/8	7.1	0.90	15.0	0	1	1.0

Special versions

- Other seals

Accessories

- Cable connector - C18209N21
- Control electronics - E908A001

Specifications

Coil Material	Epoxy
Connection Thread	3/8 NPT
Differential Pressure Air Max	4
Differential Pressure Min	0
Differential pressure vacuum max	1
Flow Factor / Flow Coefficient	0,24
Flow Max l/min Double	4
Function 1	2/2
Function 2	Normally Closed (SPST)
IP Class	IP65
Material Body	Stainless steel 303
Material of seals	FPM
Material Plunger	Stainless steel
Material Slide Ring	PTFE
Materials Seat	Stainless steel
Materials Spring	Stainless steel
Max. pressure	35
Power Consumption	8
Sensitivity	<2%
Temperature range from	-10
Temperature range of media from	-10
Temperature range of media to	90
Temperature range to	75
Throughput	3.2

Weight	0.65
Viscosity Max	21
Voltage DC	24