

SOLENOID VALVES

2/2 - DIRECT OPERATED-MINISOL

TYPE : 121, 122

Application

FOR AIR & INERT GASES, WATER, LIQUIDS, MINERAL OIL, AND FUEL OIL

Material Specification

BODY :- Brass Standard / St. Steel 304 & 316 Optional

INTERNALS :- St. Steel 304/430, Non Magnetic/Magnetic

SEALS :- Std. Nitrile optional Viton, PTFE

Airmatic

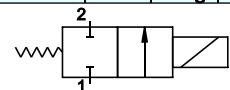


Port Sizes	Orifice in mm	Flow Factors			Admissible Pressure Range (Kg/cm ²)			Max. Admissible Fluid Temperature °C			Seal Material	Power Consumption Watts	Model/Ref. No			
		Gases	Liquids										Valve #	Coil	Plug	Voltage AC / DC
		Q _N (Nl/min) *	K _v (l/min)	Q _{max.} (l/min)	Min.	DC	Max. AC	Gas	Water	Oil						

MODEL :- 121 Normally Closed

* Air flow - @ 7 Kg/Cm² & P. drop 1 Kg/Cm²

Brass Body / Pipe Mounting

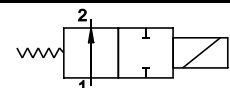


G 1/8	1.2	170	1.6	1.6	0	10	10	130	130	130	VITON	8	SS 121 -01-0**-B-V	BF8 BF14 BH8 BH14	PB PBS PBL	12
	1.5	255	1.5	2.5	0	10	10	130	130	130		14	SS 121 -01-0**-B-V			
	2.5	485	4.0	4.0	0	10	10	130	130	130		8	SS 121 -01-0**-B-V			
	3.18	540	4.5	5.2	0	10	10	130	130	130		14	SS 121 -01-0**-B-V			
	3.18	540	4.5	5.2	0	15	36	130	130	130		8	SS 121 -01-0**-B-V			
G 1/4	1.2	170	0.85	1.6	0	10	10	130	130	130		14	SS 121 -01-0**-B-V			24
	1.5	255	1.5	2.5	0	10	10	130	130	130		8	SS 121 -01-0**-B-V			
	2	370	2.6	3.2	0	10	10	130	130	130		14	SS 121 -02-0**-B-V			
	2.5	485	4.0		0	10	10	130	130	130		8	SS 121 -02-0**-B-V			
	3.18	540	4.5	5.2	0	10	10	130	130	130		14	SS 121 -02-0**-B-V			
	4.5	725	5	7.5	0	4	7	75	75	-	NITRILE	8	SS 121 -02-0**-B-N	DF6 DF8	PD PDL	110
	6	1050	12	10.2	0	3.5	5	75	75	-		14	SS 121 -02-0**-B-N			
												8	SS 121 -02-0**-B-N			
												14	SS 121 -02-0**-B-N			
												8	SS 121 -02-0**-B-N			

MODEL :- 122 Normally Open

* standard

Brass Body / Pipe Mounting



G1/8	1.5	255	1.5	2.5	0	10	10	130	130	130	VITON	8	SS 122 -01**-B-V	BF8	PB	12
	3.18	540	4.5	5.2	0	10	10	130	130	130		14	SS 122 -01**-B-V	BF14	PBS	24
G1/4	1.5	255	1.5	2.5	0	10	10	130	130	130		8	SS 122 -01**-B-V	BH8	PBL	110
	3.18	540	4.5	5.2	0	10	10	130	130	130		14	SS 122 -01**-B-V	BH14		220

* Standard pressure 10 Kg/Cm² Higher Pressure Versions available on Request.

Manifold Valves available on request.

Technical Data

VOLTAGE FLUCTUATION	+/- 10 %
ELECTRICAL CONNECTION	DIN PLUG CONNECTION
PLUG CONNECTOR	PB : STANDARD PLUG
	PBL : STANDARD WITH LED
	PD : STANDARD PLUG
	PDL : STANDARD WITH LED
DUTY CYCLE / INSULATION	100 % / CLASS F-STANDARD
DEGREE OF PROTECTION	STANDARD IP 65

Model Ordering Code Instruction

SS	121	-	02	-	010	-	B	-	N	-	B	F	8	-	PB	-	220V	-	AC
SS-Single Solenoid	1-Normally Closed 2-Normally Open		Conn. Blank - BSP N - NPT		Pressure Range 001-0-1Kg/cm ² 002-0-2 Kg/cm ² 010-0-10 Kg/cm ² 015-0-15 Kg/cm ² 020-0-20 Kg/cm ² 030-0-30Kg/cm ²	B - Brass S - SS304 N - Nitrile V - Viton P - Plastic T - PTFE S - Silicon	Seal mat.	N - Nitrile V - Viton T - PTFE S - Silicon		F - F Class H - H Class EX - Exp. Proof	Coil Type B 6 - 6 watts D 8 - 8 watts 14 - 14 watts	Plug Type PB - for B Coil PD - for D Coil PDL-for D Coil with LED	Coil Voltage 220V 110V 48V 24V 12V						AC DC

1-Direct Operated

2-2/2 Way

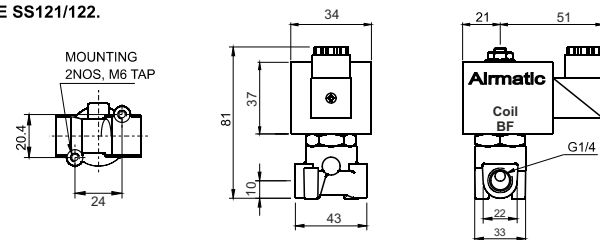
Sizes
01-G1/8
02-G1/4

ORDER CODE : SS121-02-010-B-N-BF8-PB-220VAC

ORDER CODE : SS121-02-010-B-N-BF8-PB-220VAC.

Dimensions

TYPE SS121/122.



DIMENSIONS ARE IN MM.

Shah Pneumatics

Regd. Office : 28-30, Navketan Industrial Estate,

Mahakali Caves Road, Andheri (East),

Mumbai - 400 093, INDIA.

Phone : +91-22-6695 1090 Fax : +91-22-26875317

E-mail : shahpneu@bom3.vsnl.net.in

Website : www.shah-pneumatics.com

SOL VALVE-2-2-D-MINI-SOL-SS121-122-CAT.