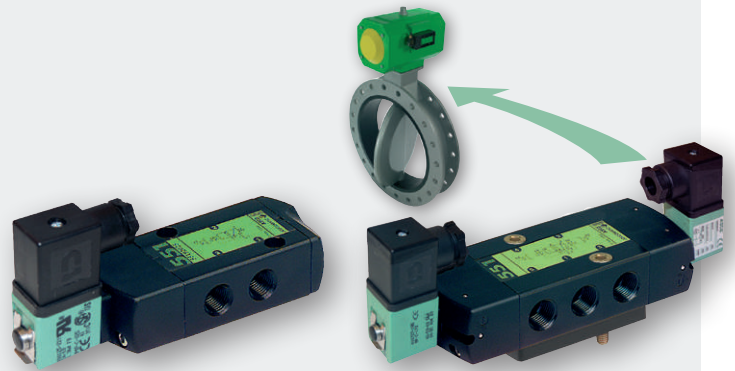


3/2-5/2-5/3 SPOOL VALVES

551 series
threaded G 1/4
integral pilots

solenoid air operated
or with Namur interface



Fluids	air or inert gas, filtered, lubricated or not
Operating pressure	2 to 10 bar or 2 to 8 bar (CNOMO pilot versions)
Pilot pressure	internal piloting or 2 to 10 bar (external piloting)
Ambient temperature	-25°C to +60°C
Flow (Qv at 6 bar) (ANR)	860 l/min (700 l/min for Namur versions)
Body	black anodised aluminium
Internal parts	zamak, stainless steel, POM (polyacetal), aluminium
End plates	PA (polyamide), glass-fibre reinforced
Sealings	NBR (nitrile) + PUR (polyurethane)
Standard voltages DC (=)	24V-48V
AC (-)	24V-48V-115V-230V/50Hz

- Non breathing design, protecting the actuator from ingress of the atmosphere
- Wide temperature range for harsh environments (-25°C to +60°C)
- Reliability: long service life, 30 million cycles
- Can be attached to supply rail for fast pneumatic installation
- Compact dimensions for optimum integration with the actuators

YOUR SELECTION

integral pilot versions for valve piloting	code (1)	power		(M)	connector	standard voltages (V)					
		~ VA	= W			AC (-) / 50Hz				DC (=)	
						24	48	115	230	24	48

3/2 NC - solenoid air operated - spring return (monostable function)

	SCG551A005MS	3,5	3	●	size 22 (2)	✓				✓	✓
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5/2 - solenoid air operated - spring return (monostable function)

	SCG551A017MS	3,5	3	●	size 22 (2)	✓	✓	✓	✓	✓	
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5/2 - solenoid air operated - solenoid air return (bistable)

	SCG551A018MS	3,5	3	●	size 22 (2)	✓	✓	✓	✓	✓	
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5/3 - solenoid air operated - pressure held W1

	SCG551A067MS	3,5	3	●	size 22 (2)					✓	✓
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- (M) Manual operator ● : with maintained manual operator
(1) When ordering, please specify in addition to the code: the type of current, voltage / frequency
(2) DIN 43650, 11 mm, industry standard B

Namur integral pilot versions for valve piloting	code (1)	power		(M)	connector	standard voltages (V)					
		~ VA	= W			AC (-) / 50Hz				DC (=)	
						24	48	115	230	24	48

3/2 NC - 5/2 - solenoid air operated - spring return (monostable function)*

	SCG551A001MS			●		✓	✓	✓	✓	✓	✓
	SCG551A001	3,5	3	×	size 22 (2)						✓

3/2 NC - 5/2 - solenoid air operated - solenoid air return (bistable)

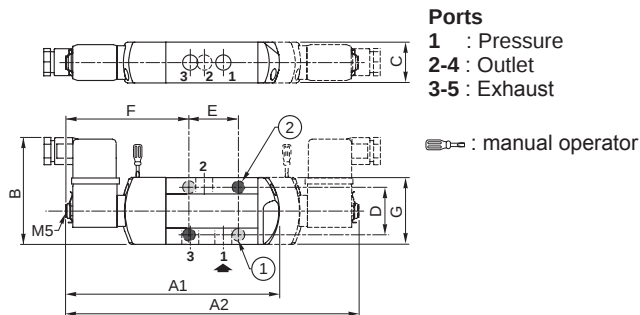
	SCG551A002MS	3,5	3	●	size 22 (2)	✓	✓	✓	✓	✓	✓
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- (M) Manual operator ● : with maintained manual operator
(1) When ordering, please specify in addition to the code: the type of current, voltage / frequency
(2) DIN 43650, 11 mm, industry standard B
* pilot air operated, spring return

SPOOL VALVES

DIMENSIONS

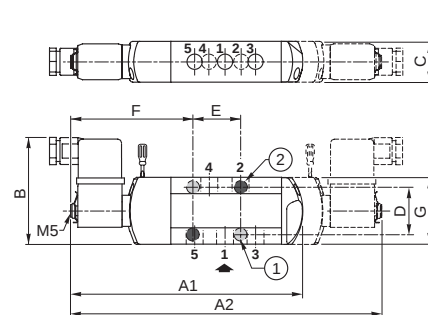
3/2 NC spool valves - solenoid air operated integrated pilots



code

	A1	B	C	D	E	F	G
SCG551A005MS	145	72	27,5	32	33	83,5	45

5/2 - 5/3 spool valves - solenoid air operated integrated pilots



code

dimensions (mm)

	A1/017	A2/018/067	B	C	D	E	F	G
SCG551A017/018/067MS	157	210	72	27,5	32	32	82,5	45

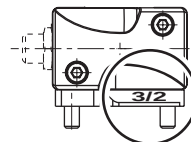
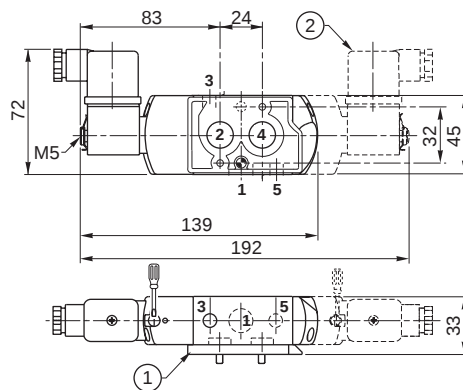
2 mounting holes:

- ① 5,3 mm dia. (Spotfacing: 9 mm dia., depth 5 mm) (series 551)
- ② 6,5 mm dia. (Spotfacing: 11 mm dia., depth 6 mm) (series 552-553)

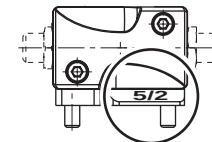
3/2 NC - 5/2 Namur spool valves - solenoid air operated

Ports
1 : Pressure
2-4 : Outlet
3-5 : Exhaust

- ① Interface plate
 - ② bistable function
- : manual operator



3/2 NC
 adapt the plate 3/2 under
 the spool valve



5/2
 adapt the plate 5/2 under
 the spool valve

OPTIONS AND ACCESSORIES

Stainless steel exhaust protector

G 1/4 - code : **34600419**

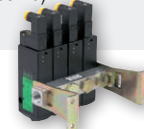


Batch of 2 exhaust
 reducers G 1/8

code : **88100344**



Mounting brackets
 (see page 68-70)



replacement coils
 (see page 104)

