

Valves series A1
1/2", 3/2, electrically operated

Standard executions			
Version	Symbol	Code	Item
3/2 NC		034113	A1E430
3/2 NO		034122	A1E431
3/2 solenoid/solenoid		034123	A1E432
3/2 NC external air pilot		034137	A1K430
3/2 solenoid/solenoid external air pilot		034158	A1K432



2

Series of spool valves, with static seals, high flow, for panel mounting.

Coils and connectors have to be ordered separately.

For the coils type ASA12.../ASA2...

see page 2.200.1

For the connectors type A122...

see page 2.210.20

II 2Gc IIB T5
II 2Dc T100°C

On request, they can be supplied according to 2014/34/EU - ATEX

Options	Suffix
Low temperature seals (-25 ÷ +60°C)	BT

Code key

Series	Actuation	Size	Function	Options
A1	E = electrical K = electrical with external air pilot	4 = 1/2"	30 = 3/2 NC 31 = 3/2 NO 32 = 3/2 sol./sol.	BT = low temp. seals

Technical data			
Fluid	Compressed filtered air with or without lubrication. Lubrication, if started, must be continued.		
Pressure range	2,5 ÷ 10 bar		
Temperature range	-10°C ÷ +60°C (standard)	-25°C ÷ +60°C (BT)	
Orifice	15 mm		
Flow	2900 NI/min at 6 bar with ΔP 1 bar		
Minimum piloting pressure	Spring return: 2,5 bar	Bistable: 1 bar	
Mounting	In any position		
Manual override	Bistable		
Response time (at 6 bar)	solenoid/spring		solenoid/solenoid
	Energising: 60 ms	De-energising: 36 ms	Energising: 30 ms De-energising: 30 ms
Materials	Body:	Anodised aluminium	
	Covers:	Anodised aluminium	
	Spool:	Hard aluminium anodized	
	Distancers:	Aluminium	
	Seals:	Hydrogenated Nitrile Butadiene Rubber (HNBR)	

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Technical drawing of a 3/2 NC valve. The drawing includes three views: a front view, a side view, and a top view. Dimensions are provided in millimeters. The front view shows a total length of 182 mm, with a central section of 90 mm and two side sections of 56 mm each. The side view shows a height of 70 mm and a width of 53 mm. The top view shows a width of 40 mm and a mounting hole of M5. A G1/2" port is indicated. A table to the right lists the versions and their corresponding symbols, codes, and item numbers.

Version	Symbol	Code	Item
3/2 NC		034113	A1E430
3/2 NO		034122	A1E431
3/2 NC external air pilot		034137	A1K430

Technical drawing of a 3/2 solenoid/solenoid valve. The drawing includes three views: a front view, a side view, and a top view. Dimensions are provided in millimeters. The front view shows a total length of 182 mm, with a central section of 90 mm and two side sections of 56 mm each. The side view shows a height of 70 mm and a width of 53 mm. The top view shows a width of 40 mm and a mounting hole of M5. A G1/2" port is indicated. A table to the right lists the versions and their corresponding symbols, codes, and item numbers.

Version	Symbol	Code	Item
3/2 solenoid/solenoid		034123	A1E432
3/2 solenoid/solenoid external air pilot		034158	A1K432