



MINI SPOOL VALVES

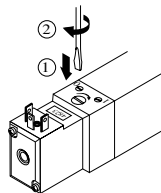
solenoid air operated

Ø M5 - G1/8 - G1/4 tapped body
adaptable on joinable subbases

5/2-5/3
Series
519-520-521

GENERAL

Fluid Air or neutral gaz, filtered, lubricated or not
Operating pressure 1,5 to 8 bar
Ambient temperature +5°C to +50°C
Orifice size 519 : 2,5 mm; 520 : 4 mm; 521 : 6 mm
Flow (Qv at 6 bar) series 519 175 l/min (ANR) - Kv : 2,5
 series 520 600 l/min (ANR) - Kv : 8,5
 series 521 1050 l/min (ANR) - Kv : 15



CONSTRUCTION

SPOOL VALVES

Body Anodised white aluminium
Cover POM (polyacetal)
Internal parts Stainless steel, light alloy and POM (polyacetal)
Seals NBR (nitrile)
Manual operator Maintained, impulse
 Latchable in hold position (push-turn)

PILOT

Seals NBR (nitrile)
Electrical equipment Conforming to NF C79300 standard
Coil and iron circuit Encapsulated

ELECTRICAL CHARACTERISTICS

voltages		consumption	insulation class	protection degree	electrical connection
~	24V, 115V, 230V - 50/60Hz	2 VA (1,5 W)	F	IP 65	spade plug size 15 connector, DIN 43650, 9,4 mm, industry standard B, rotatable by 90°
=	24V	1,6 W			

SPECIFICATIONS

function symbol	operators solenoid air operated pilot (14) return (12)	response time (ms)		voltages	catalogue number			
		energized	de-energized		serie 519	serie 520	serie 521	
	spring return	20	30	24V ~ 115V ~ 230V ~	- - -	52000386 52000387 52000388	- - -	
	differential return	20	30	24V ~	51900002	52000002	52100002	
				115V ~ 230V ~	51900003 51900004	52000003 52000004	52100003 52100004	
	solenoid air return	20	-	24V ~	51900006	52000006	52100006	
				115V ~ 230V ~ 24V =	51900007 51900008 51900005	52000007 52000008 52000005	52100007 52100008 52100005	
	pressure held W1	20	50	24V ~	51900010	52000010	52100010	
				115V ~ 230V ~	51900011 51900012	52000011 52000012	52100011 52100012	
				24V =	51900009	52000009	52100009	
		pressure applied W2	20	50	24V ~	51900126	52000126	52100126
					115V ~ 230V ~	51900127 51900128	52000127 52000128	52100127 52100128
					24V =	51900129	52000129	52100129
	pressure release W3	20	50	24V ~	51900087	52000087	52100087	
				115V ~ 230V ~	51900088 51900089	52000088 52000089	52100088 52100089	
				24V =	51900090	52000090	52100090	

OPTIONS AND ACCESSORIES

UR approval « UL Recognized »	24V =/~	612102
visual indicator (LED) and electrical protection ()	24V =/~ 115V ~ 230V ~	88130401 88130402 88130403
connector size 15 with cable, 2 m long		88143567
connector size 15 with built-in visual indication and protection, with cable outlet, 2 m long ()	24V =/~	88143580
flange for ports 2 - 4 with instant fittings for flexible tube 6 mm O.D. (series 520)		88135532

SUBBASES : possible mounting on joinable subbases (). Fixing screws and seals are supplied with subbases

All leaflets are available on: www.asco.com



SCATTERGOOD & JOHNSON LTD

ELECTRICAL ENGINEERING & FLUID CONTROL DISTRIBUTORS

Est.1899

At Scattergood & Johnson Ltd, we pride ourselves on being a technical distributor to specialist industries.

Working with a range of quality product suppliers across a number of specialist markets, we are not your average 'box shifter' - we are your technical and supply chain partner.

We fully support every product we sell - for free! Our internal team and external sales engineers can answer any product or application question, no matter the complexity.

Backing up this technical ability is a range of 50,000+ products available from stock for nationwide next day delivery (same day if required!), or you can collect what you need from any of our trade counters around the UK.

Select your specialist interest below to learn more about how we can help.



Online, In Branch and On the Road - Scattergood & Johnson Ltd, there when you need us.

www.scatts.co.uk