



# MINI SPOOL VALVES

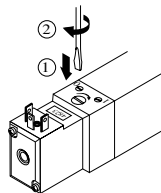
solenoid air operated

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 <b>W1</b>	20	50	24V ~	51900010	52000010	52100010	
				115V ~ 230V ~	51900011 51900012	52000011 52000012	52100011 52100012	
				24V =	51900009	52000009	52100009	
		pressure applied <b>W2</b>	20	50	24V ~	51900126	52000126	52100126
					115V ~ 230V ~	51900127 51900128	52000127 52000128	52100127 52100128
					24V =	51900129	52000129	52100129
	pressure release <b>W3</b>	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](http://www.asco.com)





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