

MINI SPOOL VALVES

air operated

ØM5 - G 1/8 - G 1/4 tapped body
adjustable on joinable subbases

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

GENERAL

- FLUID : Air or neutral gas, filtered, lubricated or not
- PORTS : M 5 - G 1/8 - G 1/4
- ORIFICE Ø : 2,5 - 4 - 6 mm
- PRESSURE : 0 to 8 bar (1,5 to 8 bar with differential return)
- PILOT PRESSURE : 1,5 to 8 bar
- TEMPERATURE : +5 °C, +50 °C
- FLOW (Qv at 6 bar) : see table below
- FUNCTIONS : 3/2 - 5/2 - 5/3
- MOUNTING : individual or on joinable subbases



CONSTRUCTION

Body in polyamide or light alloy, cover in acetal resin (POM)
Internal parts in stainless steel, light alloy and acetal resin (POM)
Sealings in nitrile (NBR)

1 = Pressure	12 = Return
2,4 = Outlets	14 = Pilot
3,5 = Exhausts	

SPECIFICATIONS

Functions	Symbols	Operators		Pipe size	Orifice size (mm)	Flow		catalogue number
		Pilot (14)	Return (12)			at 6 bar (l/min) ANR	coef. KV	
3/2	NF	Air	Differential	G 1/8	4	400	5,7	52000376
5/2		Air	Spring	G 1/8	4	400	5,7	52000330
		Air	Differential	M5 G 1/8 G 1/4	2,5 4 6	175 600 1050	2,5 8,5 15	51900077 52000077 52100077
		Air	Air	M5 G 1/8 G 1/4	2,5 4 6	175 600 1050	2,5 8,5 15	51900078 52000078 52100078
		Pressure held W 1 Air operated		G 1/8 G 1/4	4 6	600 1050	8,5 15	52000079 52100079
5/3		Pressure applied W 2 Air operated		G 1/8 G 1/4	4 6	600 1050	8,5 15	52000142 52100142
		Pressure release W 3 Air operated		G 1/8 G 1/4	4 6	600 1050	8,5 15	52000082 52100082

ACCESSORIES

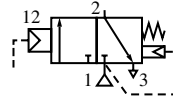
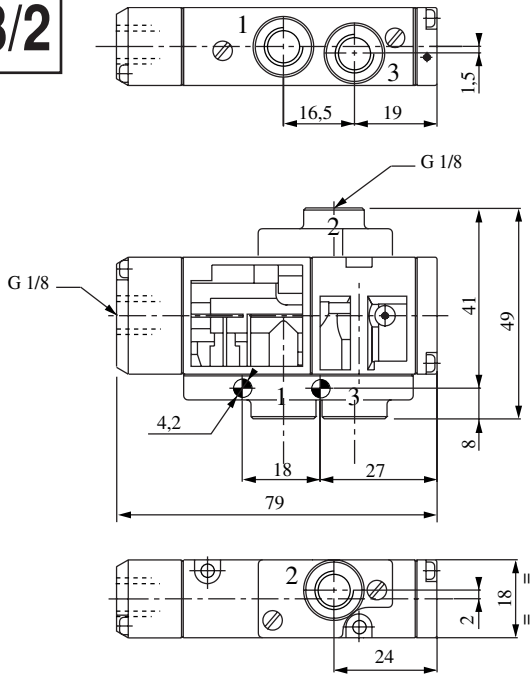
• 520 Series: Flange for ports 2 - 4 with instant fittings for flexible tube, catalogue number **88135532**

SUBBASES : Joinable subbases, check the online configurator on: www.asco.com

All leaflets are available on: www.asco.com

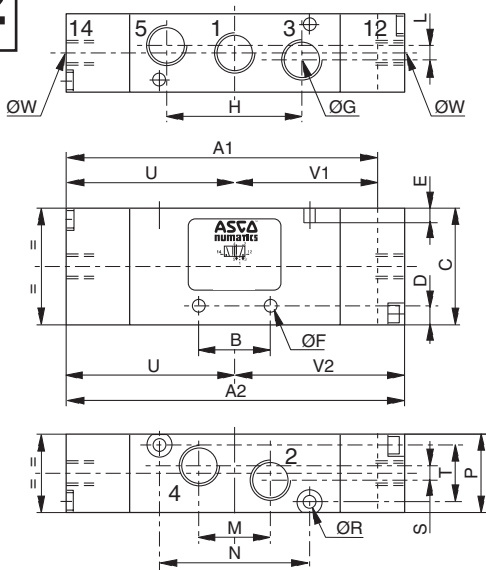
DIMENSIONS AND WEIGHTS

3/2

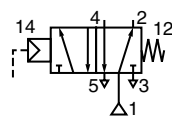


520 = 45 g

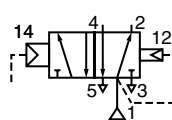
5/2



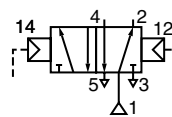
Series	B	C	D	E	ØF	ØG	H	L	M	N	P	ØR	S	T	U	ØW	
5/2	519	11	26	4	4	3,3	M5	21,6	-	11	19	15	2,7	6	11	30,5	M5
	520	15	27	6	3	3,3	G1/8	32,4	3	16,2	35	18	3,2	-	13	42,5	G1/8
	521	22	31	6,5	4	4,3	G1/4	44	4	22	50	22	4,2	4	16	50	G1/8



Series	A1	V1	
5/2	519	-	-
	520	85,3	42,8
	521	-	-



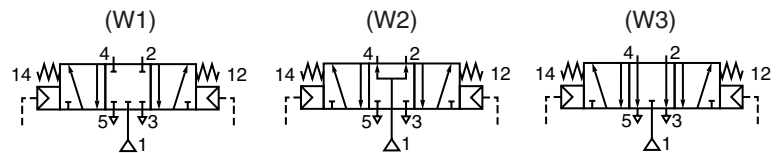
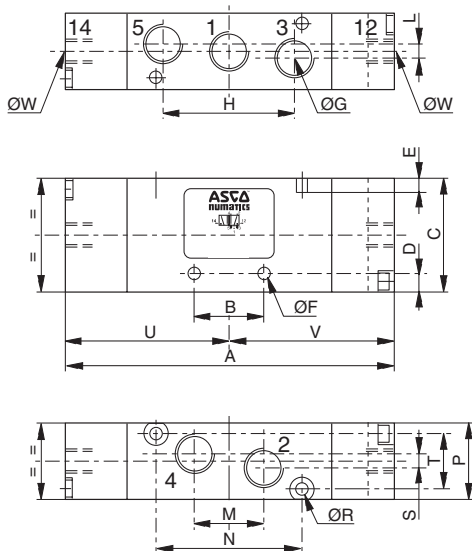
Series	A1	V1	
5/2	519	55,5	25
	520	76	33,5
	521	91,5	41,5



Series	A2	V2	
5/2	519	61	30,5
	520	85	42,5
	521	100	50

519 = 50 g
520 = 65 g
521 = 110 g

5/3



Series	A	B	C	D	E	ØF	ØG	H	L	M	N	P	ØR	S	T	U	V	ØW	
5/3	520	94	15	27	6	3	3,3	G1/8	32,4	3	16,2	35	18	3,2	-	13	42,5	51,5	G1/8
	521	109	22	31	6,5	4	4,3	G1/4	44	4	22	50	22	4,2	4	16	50	59	G1/8

520 = 75 g
521 = 120 g



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