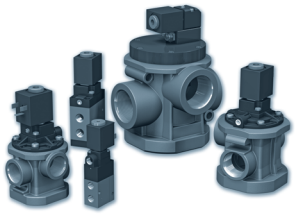
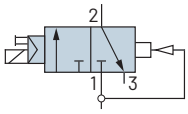
AG

Vacuum Valves, 3 channels

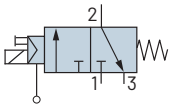


The **3-channel AG vacuum valves** are designed to optimize vacuum networks, offering increased efficiency in various applications. Available in configurations with vacuum or compressed air supplied servos, and in normally open or closed modes, they offer flow rates ranging from 1.5 to 180 m^3/h and various control voltages, thus meeting diverse industrial needs.

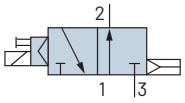
NC vacuum supplied servo
1: Pump
2: Use
3: Exhaust



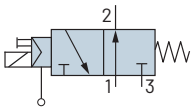
NC C.A. supplied servo
1: Pump
2: Use
3: Exhaust



NO vacuum supplied servo
1: Pump
2: Use
3: Exhaust



NO C.A. supplied servo
1: Pump
2: Use
3: Exhaust

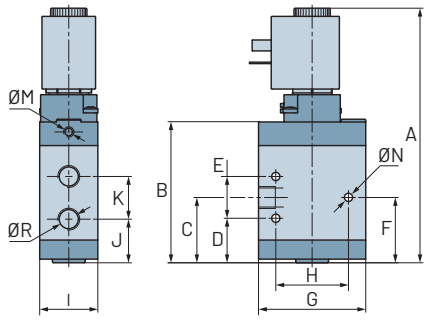


Characteristics and Dimensions

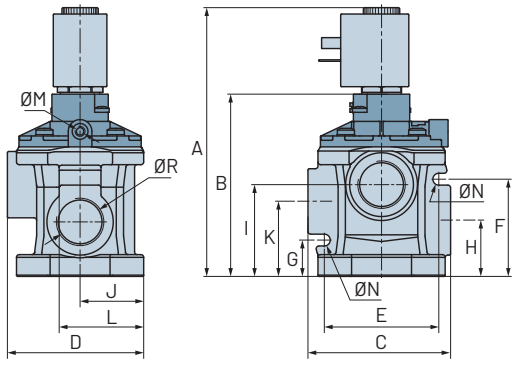
Ref. NO C.A. servo	Ref. NC C.A. servo	Ref. NO Vacuum servo	Ref. NC Vacuum servo	Ø R	Diagram	A	B	C	D	E	F	G	H	I	J	K	L	Ø M*	Ø N
AG 3002	**AG 3001**	-	-	G1/8"-F	1	111	55.5	22.5	9.7	-	20.2	35	28	22	10.5	18	-	G1/8"-F	4.5
AG 3010	**AG 3009**	**AG 3211**	**AG 3210**	G1/4"-F	1	140.2	77.5	36	22.5	23	34	59	40	32	24	23.5	-	M5-F	4.5
AG 3012	**AG 3011**	**AG 3215**	**AG 3214**	G3/8"-F	1	140.1	77.5	36	24.5	23	36	59	40	32	24	23.5	-	M5-F	4.5
AG 3021	**AG 3020**	**AG 3223**	**AG 3222**	G1/2"-F	2	148	100.3	78.5	75	63	53.5	20	30	50.5	35	41	46.5	M5-F	6.5
AG 3041	**AG 3040**	**AG 3233**	**AG 3232**	G3/4"-F	2	147.9	100.3	78.5	75	63	53.5	20	30	50.5	35	41	46.5	M5-F	6.5
AG 3051	**AG 3050**	**AG 3243**	**AG 3242**	G1"-F	2	164.7	117.1	100	95	76	62.5	25.5	38	64	44.7	51	60.3	M5-F	9
AG 3063	**AG 3062**	**AG 3257**	**AG 3256**	G1"1/2-F	3	202	152	158	138	113	113	34	68	96	59	68	84	G1/8"-F	11

* Only available on Servo A.C.

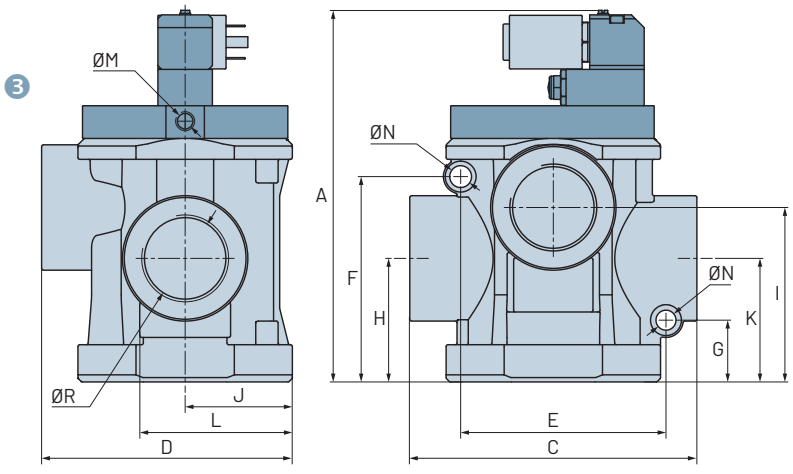
1



2

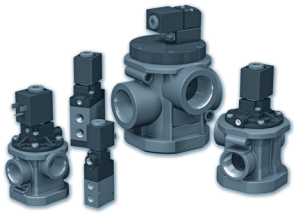


3



AG

Vacuum Valves, 3 channels



Specifications

Fluid	Non-lubricated 50 micron filtered air. If lubrication is used it must be uninterrupted	
Maximum vacuum	97 %	
Operating temperature	-20 °C to 40 °C / -4 to 104 °F	
Fluid temperature	Max 40 °C	
Dynamic seal	Polyurethane	
Static seal	NBR	
Coil power	11 VA	10 VA
Voltage	12 VDC / 24 VDC	24 VAC / 110 VAC / 220 VAC
Minimum vacuum for vacuum supplied servo	20 %	

Characteristics

Fitting	**G1/8"**	**G1/4"**	**G3/8"**	**G1/2"**	**G3/4"**	**G1"**	**G1"1/2**
Nominal diameter [mm]	5.5	8	10	15	19	25	39
Flow rate [m^3/h]	1.5	4	10	20	35	90	180
Response time (activation)(1)	15	18	18	20	20	20	60
Response time (deactivation)(1)	25	28	28	40	40	45	40
Minimum control pressure (bar) for C.A. servo	1.5	2.5	2.5	3	3	3	4
Weight (g)	195	552	540	816	778	1214	3456

(1) with monostable electrical control

Voltage code

Code	**E1**	**E2**	**E3**	**E4**	**E5**	**E7**
Voltage	24 VDC	220 VAC	24 VAC	110 VAC	48 VAC	12 VDC

Note: All dimensions are in mm

For all orders, please specify:
Model + Voltage
e.g.: AG3215E1