

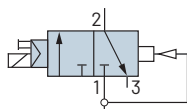
Vacuum Valves, 3 channels



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 m³/h and various control voltages, thus meeting diverse industrial needs.

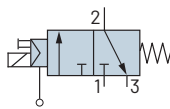
NC vacuum supplied servo

- 1: Pump
- 2: Use
- 3: Exhaust



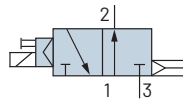
NC C.A. supplied servo

- 1: Pump
- 2: Use
- 3: Exhaust



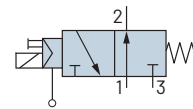
NO vacuum supplied servo

- 1: Pump
- 2: Use
- 3: Exhaust



NO C.A. supplied servo

- 1: Pump
- 2: Use
- 3: Exhaust

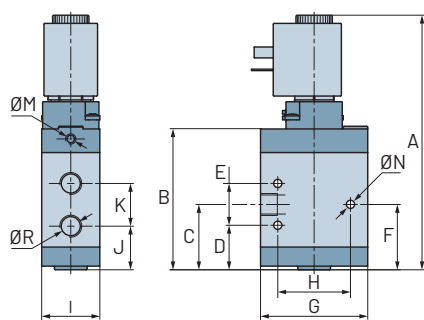


Characteristics and Dimensions

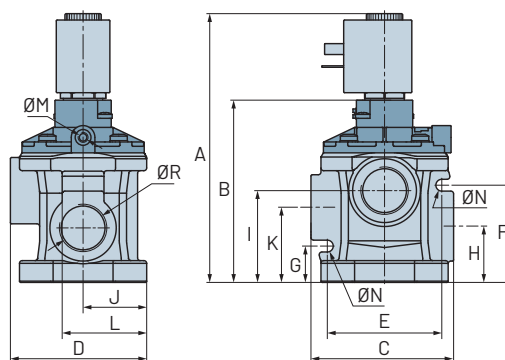
Ref. NO C.A. servo	Ref. NC C.A. servo	Ref. NO Vacuum servo	Ref. NC Vacuum servo	Ø R	Diagram	A	B	C	D	E	F	G	H	I	J	K	L	Ø M*	Ø N
AG 3002	AG 3001	-	-	G1/8"-F	1	111	55.5	22.5	9.7	-	20.2	35	28	22	10.5	18	-	G1/8"-F	4.5
AG 3010	AG 3009	AG 3211	AG 3210	G1/4"-F	1	140.2	77.5	36	22.5	23	34	59	40	32	24	23.5	-	M5-F	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.

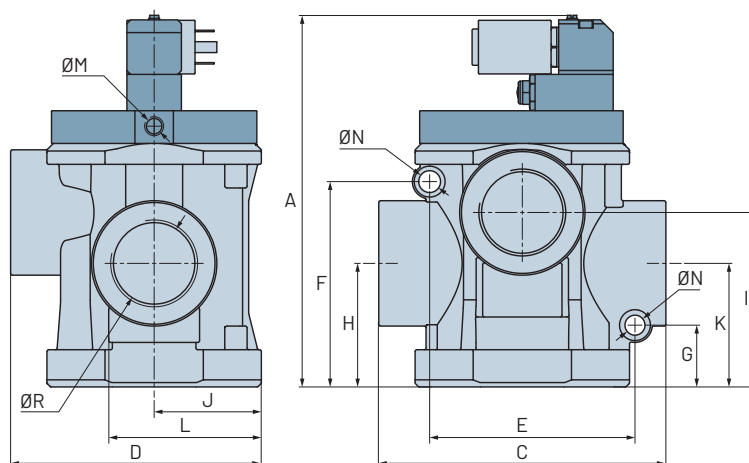
1



2



3





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 [m³/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