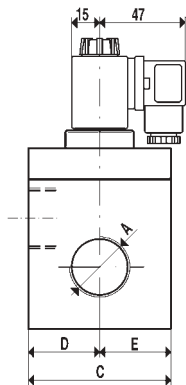
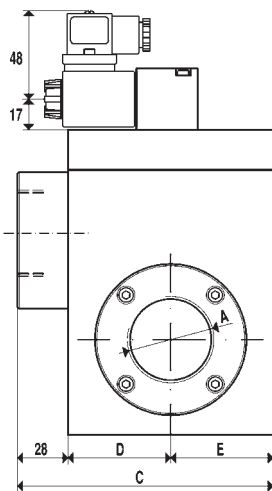
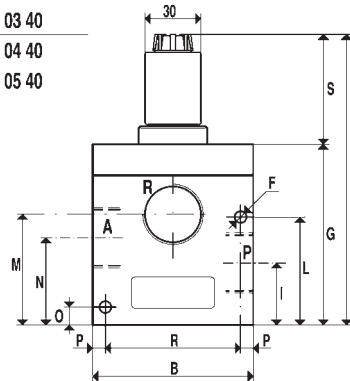


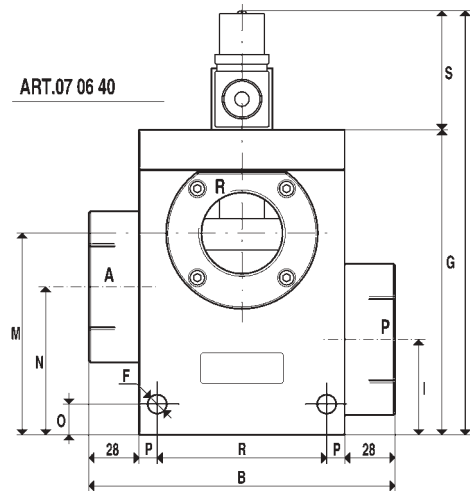
[3-way vacuum solenoid valves]



ART.07 03 40
ART.07 04 40
ART.07 05 40



ART.07 06 40



Art.	A Ø orifice	Ø	B	C	D	E	F Ø	G	H	I	L	M	N	O	P	R	S
07 03 40	1/2"	15	76	75	40	35	6.5	90	152	33.0	58	53.0	44.0	10	6	64	62
07 04 40	3/4"	19	76	75	40	35	6.5	90	152	33.0	58	53.0	44.0	10	6	64	62
07 05 40	1"	25	89	79	40	39	6.5	100	162	34.5	60	61.5	48.5	10	7	75	62
07 06 40	1 1/2"	40	170	142	57	57	10.5	170	235	52.0	--	112.0	82.0	17	10	94	65

The three-way vacuum solenoid valves of this series are direct-acting, with two positions, with servo controlled conical valves and normally closed. Upon request they can be supplied normally open. The body is in anodized aluminium, the valves are in silicone and the servo control membrane is in nitrile rubber.

The working principle of these solenoid valves is based on the differential of pressure existing between the vacuum pump and the pressure of the sucked air.

Conveying this differential pressure to the servo control, the valves can be controlled without the help of compressed air or of springs.

In consideration of the above mentioned working principle it is not advisable to use these solenoid valves on plants having a low vacuum degree (lower than 100 mm Hg or 880 mbar abs).

As this valve has no frictions and internal dynamic stresses, the result is a high response speed and a guarantee of long lasting operation.

The electric coil is standard, completely plasticized in synthetic resin, tight execution, insulation class F (up to 155°C) electrical connections by means of a plug with clamping screws.

Acceptable tolerance on the nominal value of the voltage $\pm 10\%$. Max. input: 17 V.A. with A.C. and 10 Watt with D.C.

The coil may be rotated through 360°.

The solenoid valves of this series, besides being used for nearly all those cases previously described in the series 07...10, can also be used on the plants that have no compressed air available. The solenoid valve choice has always to be made in consideration of the capacity and therefore of the suction connection of the vacuum pump.