PILOT-OPERATED 3-WAY VACUUM VALVES

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These 2-position, 3-way valves feature pneumatically activated conical sutters.

They can be normally used either open or closed.

They are recommended in all the cases that require a quick exchange between the vacuum pump suction and the air inlet into the circuit for a quick restoration of the atmospheric pressure.

They are composed of an anodised aluminium body, two vulkollan®

shutters assembled onto a stainless steel stem, a membrane for servocontrol made with special compounds and a thrust spring for the shutter return.

These valves allow reducing frictions and internal dynamic stresses to the minimum. the result being a high response speed and a guarantee of long lasting duration.

Technical features

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Working pressure: from 0.5 to 3000 mbar abs.

Servo-control pressure: see table

Temperature of the sucked fluid: from -5 to +60 °C













	Art.	А	A Max. capacity		Vacuum level		tion time	Ø	Passage	Servo-control	Weight
Aru				mbar abs.		msec			section	pressure	
		Ø	cum/h	min	max	exc.	deexc.	orifice	mm ²	bar (g)	g
	07 01 31	G1/4"	6	1000	0.5	5	10	8.5	56.8	4 ÷ 7	318
	07 02 31	G3/8"	10	1 <mark>0</mark> 00	0.5	5	10	11.5	103.8	4 ÷ 7	308

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Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

GAS-NPT thread adapters available at page 1.117

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3-WAY VACUUM SOLENOID PILOT VALVES



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Art.	А		mbar abs.		msec		Ø	section	pressure	weight
	Ø	cum/h	min	max	exc.	deexc.	orifice	mm ²	*bar (g)	Kg
07 03 31	G1/2"	20	1000	0.5	6	15	15.0	176	6 ÷ 8	0.490

* Add the letters LP to the article for servo-control pressure 4 \div 6 bar (g).



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3-WAY VACUUM SOLENOID PILOT VALVES

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* Add the letters LP to the article for servo-control pressure $4 \div 6$ bar (g).

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Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

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