

SOLENOID OPERATED MULTIPLE TUBE PINCH VALVES

NR RESEARCH[®]
INCORPORATED

**MODELS: 225P
360P
648P**

These valves are offered with a variety of tubing combinations. They are available with 2 tubes, 4 tubes and 8 tubes. Each valve is operated with a single solenoid.

Available with:

- (a) 1 Tube, Normally Open and 1 Tube, Normally Closed
- (b) 4 Tube, Normally Closed
- (c) 4 Tube, Normally Open
- (d) 2 Tube, Normally Closed and 2 Tube, Normally Open
- (e) 4 Tube, Normally Closed and 4 Tube, Normally Open

FEATURES

- △ High Cycle Life
- △ Zero Dead Volume
- △ Low Power Consumption
- △ Fast Response Time

SPECIFICATIONS

MODEL	VOLT/AMPS	POWER WATTS (Approx.)	TUBE WALL
225P	12VDC/.13 Amps 24VDC/.06 Amps 115VAC/.01 Amps	1.5	1/32
360P	12VDC/.40 Amps 24VDC/.18 Amps 115VAC/.04 Amps	4.2	1/32, 1/16
648P	12VDC/.60 Amps 24VDC/.30 Amps 115VAC/.07 Amps	7.2	1/32, 1/16

ENGINEERING SPECIFICATIONS

Standard Tube Material: Silicone Standard Lead Wires: 12"

DIMENSIONS

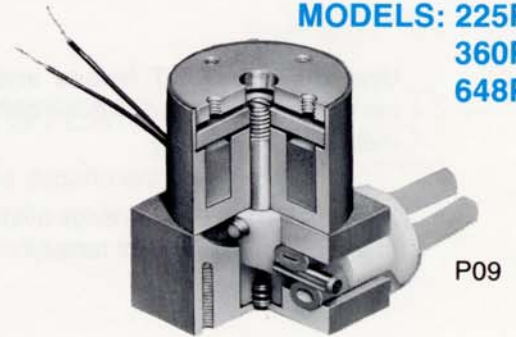
MODEL	A	B MAX.	C (Basic Circle)
225P	1.00 (25.4)	1.80 (45.7)	0.687 (17.44)
360P	1.250 (31.75)	2.25 (57.1)	0.884 (22.45)
648P	1.50 (38.1)	2.60 (66.0)	1.125 (28.58)

(Metric Dimensions in Parenthesis)

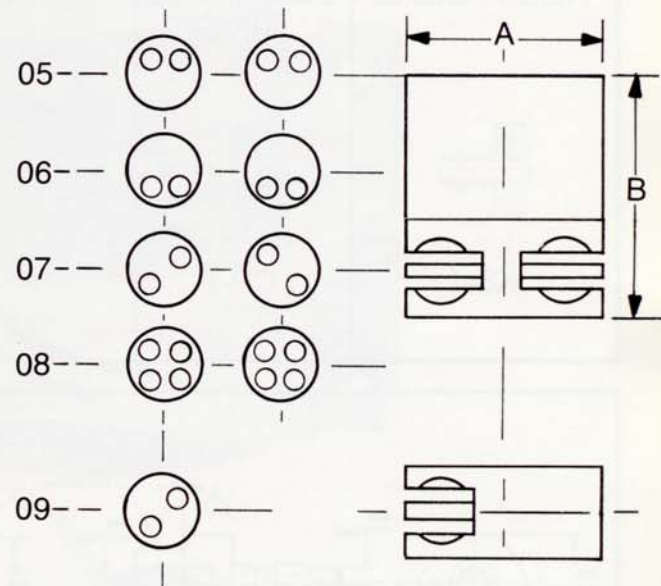
ORDERING INFORMATION

MODEL	TYPE	VOLTAGE
225P	4 Tube, Normally Closed =05	12VDC=1
360P	4 Tube, Normally Open =06	24VDC=2
648P	2 Tube, N.C., 2 Tube, N.O. =07	115VAC=3
	4 Tube, N.C., 4 Tube, N.O. =08	
	1 Tube, N.C., 1 Tube, N.O. =09	

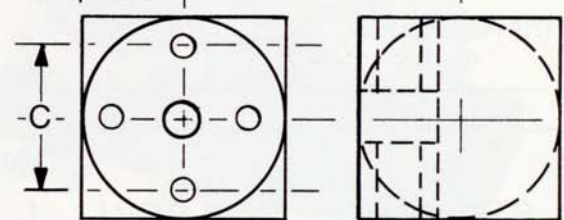
(Not all configurations are available in all tube sizes-contact factory)



CUT-AWAY VIEW



#4-40 Tap Holes



Valves available in 2 mounting configurations, Solenoid End Mounting and Clip Mounting

TO ORDER

MODEL: 360P 4 Tube, N.C. 12VDC Tube# Mounting
360P 05 1 -42 (a)

i.e.: 360P051-42 (a)

Note: Tubing Number Specifications Chart on Page 8