

# TAKASAGO MODEL EPK PINCH VALVE

*Solenoid Operated, Two Way Configuration*

## DESCRIPTION

Model EPK pinch valves are large, rugged pinch valves for use with 10 mm and 15 mm I.D. silicone tubing. The valves are particularly well suited for on/off fluid control applications where the fluid media is difficult for conventional valves to handle or where the complete fluid system wetted components need periodic replacement.

Model EPK valves retain the tubing in a closed cradle. An integral mounting bracket is standard.



## SPECIFICATIONS

### GENERAL

- Rated Voltage- 12Vdc or 24Vdc
- Min. Operating Voltage- 90% of rated voltage
- Drop Out Voltage- 10% of rated voltage
- Duty Cycle- 10% on time, 90% off to max on time of 5 minutes
- Power Consumption- 60 Watts
- Coil Lead Wire- Neoprene coated, 0.5 x L300 mm
- Tube Material- Silicone Rubber
- Tube Size- 10 mm or 15 mm I.D.
- Max Operating Pressure- 0.5 bar(10 mm I.D); 0.2 Bar (15 mm I.D.)
- Weight- 1200 grams
- Insulation Class- Class E
- Insulation Resistance- 10 Mohm at 500 Vdc
- Dielectric Strength- 1500 Vac/1 minute

## ORDERING INFORMATION

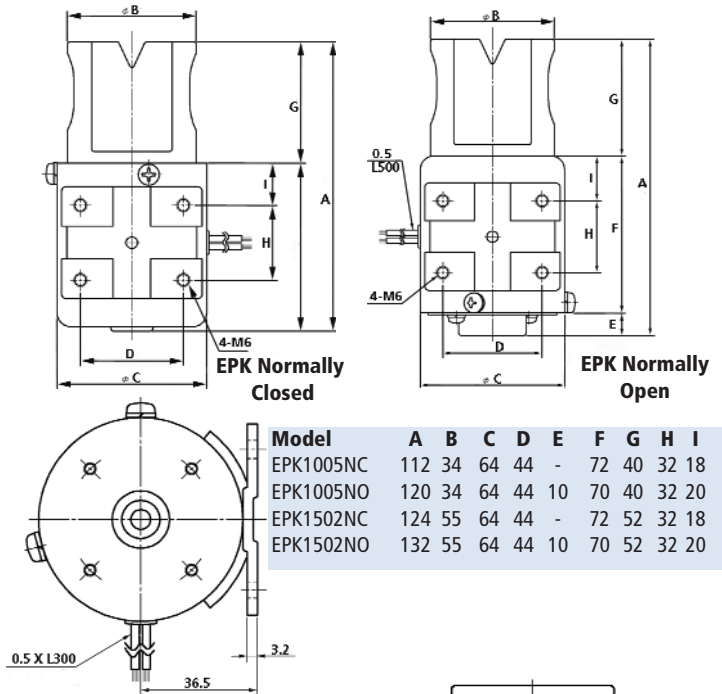
### ABC

**EXAMPLE: EPK1005NC12V**

A *Model & Tube Size	B Configuration	C Voltage
EPK1005=10mm I.D.	NC=Normally Closed	12V=12VDC
EPK1502=15mm I.D.	NO=Normally Open	24V=24VDC
*Unit not supplied with tubing		

## EPK PINCH VALVE

### DIMENSIONS(MM)



Item	Material
1) Tube Holder	PPO
2) Pinch Head	Silicone
3) Ring Core	SPCC
4) Plunger Guide	SUS304
5) Plunger	SS400
6) Coil Assembly	
7) Bonnet	SPCC
8) Spring	SUS304
9) Pole Piece	SUM22

