GOTEC
EKS 17 Miniature Piston Pump

Solenoid Operated, Flow to 120 L/H (26.4 GPH)
Pressure to 1.9 Bar (27.6 PSI)



DESCRIPTION

Model EKS 17 offers a high output flow relative to other Gotec pumps.These pumps are a great solution for low volume liquid pumping applications. The pumps suitable for many fluid transfer applications.

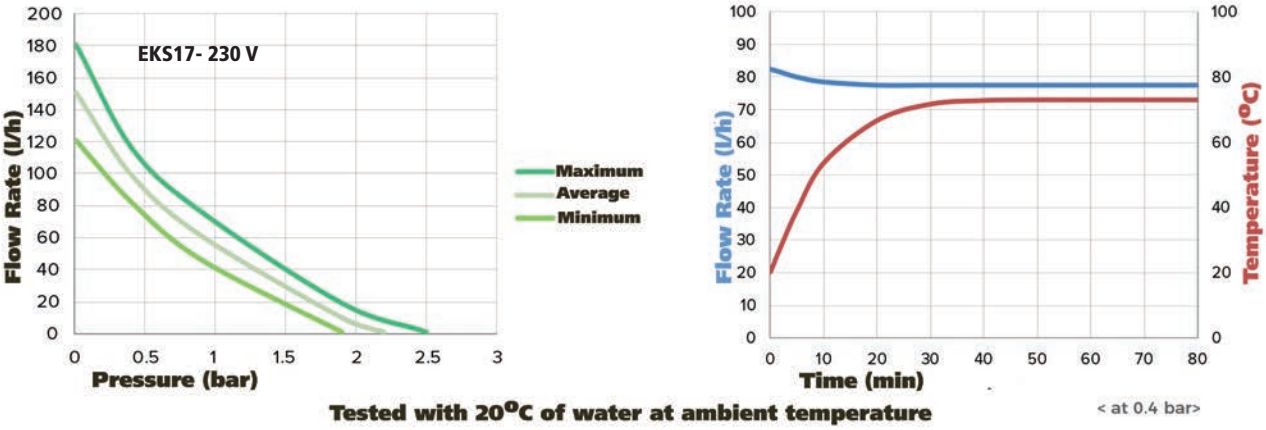
The pumps are self priming.

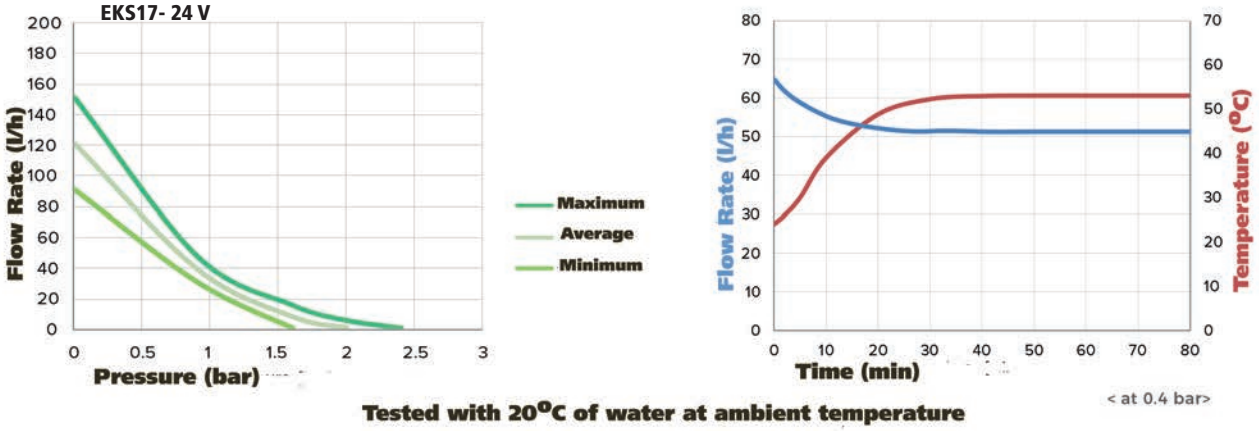
SPECIFICATIONS

GENERAL

Pump Piston- Chrome coated AISI 431 SS
Pump Spring- AISI 316 SS
Pump End Connections- POM (Hostaform), 9.5 mm O.D. hose barbs (other on request)
Valve and Seal Material- NBR
Maximum Pressure-1.9 bar (27.6 PSI)
Maximum Flow- 120 L/H (26.4 GPH)
Suction Height- 3 meters (9.84 feet)
Viscosity- 1....600 mm^2/s
Particle Tolerance- 100 Mesh
Supply Voltage- 24, 110, 230VAC, diode rectified
Frequency- 50/60 Hz
DC Operation: Optional model PD-106 DC driver board
Power Consumption- 45 W
Insulation: Class H-100% ED / 20 [°C]
Class 2
Operating Factor- 100% continuous@ 68°F
Electrical Connections- 2 x 6.3 mm (1/4")x 0.8 mm spade
Ambient/Process Temperature Range- 1 to 50°C (33.8 to 122°F)
Weight- 430 g (.95 lb)

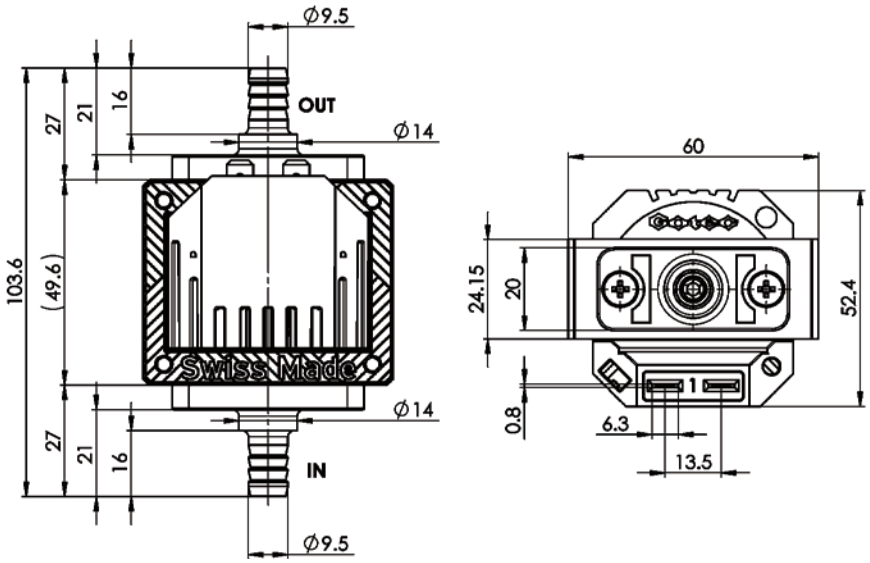
FLOW CURVES- PERFORMANCE AND AFFECT OF COIL TEMPERATURE RISE ON FLOW RATE





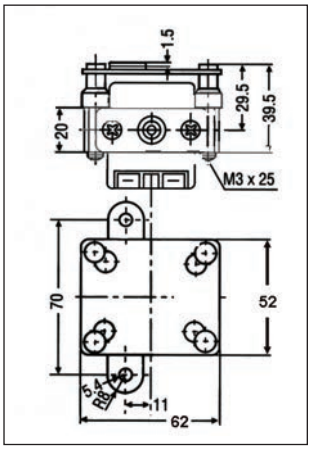
Tested with 20°C of water at ambient temperature

DIMENSIONS (MM)

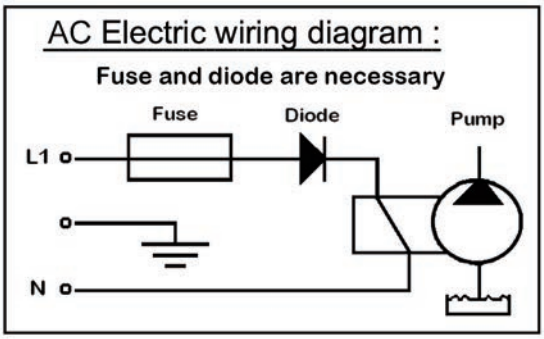




Model 19726.1 Mounting Plate



ELECTRICAL



ORDERING INFORMATION

A-BCD
EXAMPLE: EKS17S9PD-24V60HZS

A Model	B Voltage	C Frequency	D Elect. Connection
EKS17S9PD	24V=24V 110V=110V 230V=230V	60HZ=60 Hz 50HZ=50 Hz	S=Spade

Special materials and connections are available in OEM quantities. Please consult with us.

Options				
Model	**Description**		**Model**	**Description**
Model PD-106	DC driver board, 9-35 VDC in, 9-35V pulsed DC out		19726.1	Mounting Plate
Model 1N5406	Diode			

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