

## Single-Phase Gear Pump Model CME

### Description

This series of electrical pumps has been precisely tailored to meet the widest possible requirements of operating requirements for medium and large size lubricating systems in machines with a large number of lubricating points.

CME pump handles 50 to 1000 cSt oil and NLGI 00-000 soft grease. It has been developed for single line with 200 cm<sup>3</sup>/minute metering units, single-phase motor, 115 V or 230 V, oil minimum level electrical switch, integrated electronic board (optional) and a pressure switch protected under a sturdy plastic cover.

Plastic reservoir capacity is either 3 or 6 liter.

Electrical pump is complete with relief and air blow-down valve and by pass valve. Electronic board controls the system in a variety of ways and holds the possibility to regulate pausing set up time (from 5 to 250 minutes) and working set up time (from 5 to 90 seconds) by means of a bipolar switch. It may also control the system through an internal or external pressure switch and controls alarm in case of lack of pressure in the line and minimum oil level, including pre-lubricating option or not.

### Specifications

Motor	Single-phase	
Power	110 W	
Current	0,75 A (230 V) 1,5 A (115 V)	
Protection	IP 33 - Class B	
Discharge/minute	0.2 liter	
Working pressure	24 kg/cm <sup>2</sup> maximum for oil	
	30 kg/cm <sup>2</sup> maximum for soft grease	
Electrical working tension	115 V - 230 V 50/60 Hz	
Reservoir	3 or 6 liters, plastic	
Lubricant	50 - 1000 cSt mineral oil	
	NLGI 00-000 grease	
Suction strainer	250 micron	
Oil minimum level electrical switch	Oil	1.5 A - 250 V AC - 150 V DC
	Soft grease	2 A 24 V DC
Pressure gauge	0 - 60 kg/cm <sup>2</sup> (optional)	
Pause time	From 5 to 250 minutes	
Working time	From 5 to 90 seconds	
Discharge port	M 12x1 tube Ø 6 mm	
Push button	Extra cycles - Reset	
Green light	Electrical power on	
Yellow light	Pump working	
Red light	Oil low level alarm	
	Pressure alarm	
Working temperature	From -10 °C to +60 °C	

### Optional:

- Pressure Gauge