

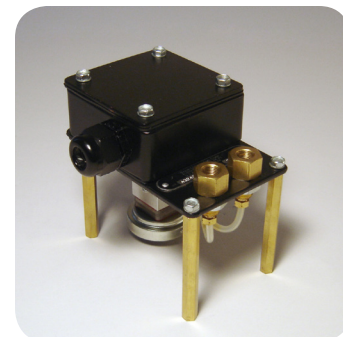
Motor-driven Gear Pump

Recirculating Systems

Operation

A motor-driven gear pump discharges oil at low operating pressures. Assembly is furnished with two discharge outlets and is normally used to deliver oil to individual areas on machine. Typically, the pump is mounted in machine oil sump (*see page 2*).

Oil outputs normally flow back to a machinery sump area where pump is located to recirculate the oil. Unit does not have a bypass flow control valve. Outputs may be redirected through external control valves if required. Unit can be used with single line resistance metering devices to feed multiple points – consult Bijur Delimon. Models are available for various electrical voltages.



Technical Data

Motor	Single Phase
Power Rating	60 Hz
Current	17 mA
Operating Speed	600 rpm
Delivery Volume	40cc/min. nominal*
Pressure Rating	40 psi (3.5 bar)
Operating Temperature	5°C-40°C (40°F-105°F)
Running Period	Continuous duty
Lubricant Viscosity	160 SUS-1170 SUS at cSt 100°F
Suction Filter	120 mesh
Test Conformity-Motor	UL/CSA approval
Connection Ports (2)	1/8" NPT
Weight	1.2 kg (2.6 lb)

* Outputs may vary somewhat depending on oil viscosity being pumped.

Notes Regarding Use

- + A return line oil strainer is recommended to protect lubricator.
- + Unit is supplied with a short electrical cord (connection hardware is customer supplied).

How to Order

Name	Voltage	Current	Part #
Motor-driven Gear Pump	220 VAC ±10%	17 mA	32671-1
	24 VAC ±10%	17 mA	32671-2

When ordering, specify by name, voltage, current and part number, e.g. Motor-driven Gear Pump, 220 VAC, 35 mA, Part #32671-1.

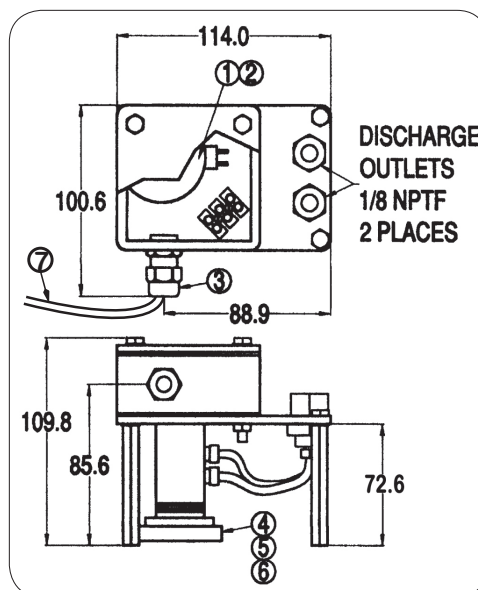
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Service Parts

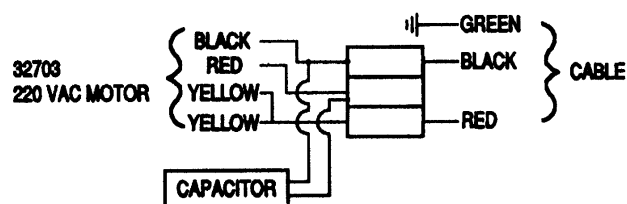
Item	Description	Part #
1	Electric Motor, 220 VAC Electric Motor, 24 VAC	32703 32702
2	Capacitor, 220 VAC Capacitor, 24 VAC	32709 32705
3	Fluid-tight Conduit Connection	19360-5
4	120 Mesh Screen	25253
5	Screen Retaining Ring	25251
6	Support Screen	33086
7	Cable	15117-5



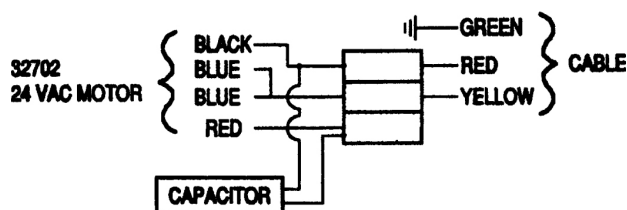
Measurements shown in millimeters.

Electrical Wiring Diagrams

220 VAC (Part #32671-1)



24 VAC (Part #32671-2)



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