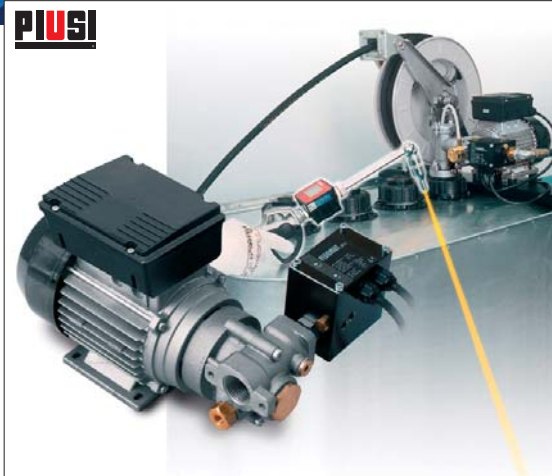




AC ELECTRIC PUMPS

Viscomat Flowmat



THE NEW RANGE OF VISCOMAT PUMPS WITH A PRESSURE SWITCH IS DESIGNED TO SATISFY REQUIREMENTS FOR DELIVERIES WITH A CONSTANT FLOW SELF-PRIMING PUMP WITH AUTOMATIC SWITCH-OFF AT THE END OF DELIVERY. THE UNIT CONSISTS OF AN INTERNAL PROFILE GEAR PUMP WITH ALTERNATING CURRENT MOTOR, INTEGRATED WITH A PRESSURE SWITCH. SWITCH ON THE MOTOR AND DELIVERY IS PERFORMED AUTOMATICALLY WHEN THE NOZZLE OPENS. AT THE END OF DELIVERY THE PUMP CONTINUES TO OPERATE FOR A FEW SECONDS TO PERMIT TOPPING UP IF NECESSARY AND THEN SWITCHES OFF.

THE PERFORMANCE OF THE GEAR PUMP GUARANTEES GOOD FLOW RATES WITH HIGH PRESSURES, NO PULSING, REGULAR FLOW AND SILENT OPERATION. THE PRESSURE SWITCH ACTIVATES THE PUMP WHEN MINIMUM PRESSURE IS REACHED AND SWITCHES THE PUMP OFF WHEN MAXIMUM PRESSURE IS REACHED, BELOW THE PUMP BY-PASS PRESSURE. THE PRESSURE SWITCH IS ALSO PROVIDED WITH A SAFETY VALVE, WHICH LIMITS THE MAXIMUM SYSTEM PRESSURE TO 10 BARS.

THE ABOVE UNIT COMBINES THE TYPICAL CHARACTERISTICS OF GEAR PUMPS WITH THE SIMPLICITY AND CONVENIENCE OF BEING ABLE TO ACTIVATE THE PUMP WITHOUT WORRYING ABOUT MOTOR SWITCH-ON AND SWITCH-OFF. IT CAN BE USED FOR FEEDING SINGLE DELIVERY POINTS, WITH REELS AND ON FIXED DISTRIBUTION SYSTEMS.

PERFORMANCE

FLOW RATES FROM 9-14 LITRES/MIN
 OPERATING PRESSURES FROM 12 TO 25 BARS
 AUTOMATIC SWITCH-ON AND SWITCH-OFF
 REGULAR NO-PULSE FLOW
 NOISE LEVEL BELOW 65 DB
 SELF PRIMING PUMP

CONSTRUCTION FEATURES

- CLOSED SELF-VENTILATED AC ASYNCHRONOUS MOTOR (PROTECTION RATING IP55) AVAILABLE ON DIFFERENT VOLTAGES AND FREQUENCIES
- DIE CAST ALUMINIUM PUMP BODY

- SINTERED STEEL GEARS WITH SPECIALLY DESIGNED INTERNAL PROFILE
- MECHANICAL SEAL ON MOTOR SHAFT, ACCESSIBLE FROM PUMP SIDE
- BY-PASS INTEGRATED TO PUMP BODY
- 1" G FEMALE SUCTION INLETS AND 1" G FEMALE OUTLETS
- INCORPORATED PRIMING DEVICE
- PRESSURE SWITCH FEATURING 2 PRESSURE THRESHOLDS WITH INTEGRATED SAFETY VALVE
- MAX PRESSURE ADJUSTMENT OPTION

TECHNICAL INFORMATION

CODE

Description	Flow Rate L/min	Pressure		Motor				Weight Kg	CODE
		Bar	Psi	Voltage V*	Freq Hz*	Rpm	Power W		
Visco Flowmat 200/2	9	12	170	230	50	1450	550	12	302000
Visco Flowmat 230/3	14	16	225	230	50	1450	750	15	302040
Visco Flowmat 350/2	9	25	385	230	50	1450	750	15	302060

*Available with different voltage and frequency