

DC PUMPS

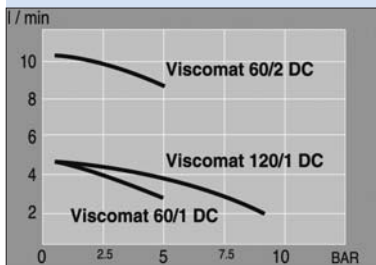
Viscomat DC



New Product



Pressure Switch Type



A NEW AND COMPLETE RANGE OF PUMPS FOR TRANSFERRING AND DELIVERING OIL, OPERATED BY DIRECT CURRENT MOTORS. PIUSI PRODUCTS RESPOND PERFECTLY TO MARKET DEMAND. THE PUMPS ARE SPECIALLY DESIGNED FOR TRANSFERRING OIL FROM DRUMS OR MOBILE TANKS IN SITUATIONS WHERE ELECTRICITY OR PNEUMATIC CONNECTIONS ARE NOT AVAILABLE. THE MOTOR IS EQUIPPED WITH A DIRECT CURRENT BATTERY SO THAT OIL TRANSFER OR DELIVERY OPERATIONS CAN ALWAYS BE CARRIED OUT.

USE THE PRESSURE SWITCH VERSION TO DELIVER OIL WITHOUT THE INCONVENIENCE OF HAVING TO START OR STOP THE PUMP.

THANKS TO THEIR COMPACTNESS AND EASY INSTALLATION, THESE PUMPS CAN BE USED FOR EQUIPPING MOBILE OIL PUMPS ON VEHICLES OR USED INDEPENDENTLY WITH BATTERY EQUIPPED TROLLEYS. THEY CAN ALSO BE USED AS PRIMARY INSTALLATIONS WHEN CARRYING OUT OIL TRANSFER OR HANDLING OPERATIONS IN YARDS, PORTS, ON VEHICLES OR BOATS.

SPECIFICATIONS

- GEAR PUMP TYPE
- HIGH PRESSURE
- DIRECT CURRENT BRUSH MOTOR WITH BRUSH MAGNETS
- ALUMINIUM PUMP BODY
- SINTERED STEEL GEARS
- ENTRY AND EXIT WITH THREADED CONNECTORS
- BY-PASS VALVE INCORPORATED IN PUMP BODY
- PROTECTION MOTOR: IP55
- PRESSURE SWITCH VERSION AVAILABLE
- BATTERY CONNECTION CABLES WITH FUSE AVAILABLE

PERFORMANCE

- FLOW RATE FROM 4 TO 10 L/MIN
- OPERATING PRESSURE FROM 4 TO 10 BAR
- OIL VISCOSITY UP TO 2000 cSt
- DUTY CYCLE 30 MIN
- NOISE LESS THAN 65 DB

TECHNICAL INFORMATION

CODE

| Description | Pump | | | | Motor | | | Press Switch | Weight Kg | Package Dimensions mm | CODE |
|---------------------------|-----------------|-------------------|-------------------|-------------------|--------|----------|------------|--------------|-----------|-----------------------|-----------|
| | Flow Rate L/min | Work Pressure Bar | Work Pressure Psi | Inlet /Outlet Gas | Tens V | Curr Amp | Duty Cycle | | | | |
| Viscomat DC 60/1 12V | 4 | 5 | 70 | 1/2 | 12 | 16 | 30min | | 3 | 225x125x150 | F00309020 |
| Viscomat DC 60/2 12V (*) | 10 | 4 | 57 | 3/4 | 12 | 35 | 30min | | 4.9 | 355x195x270 | F00309010 |
| Viscomat DC 120/1 12V | 5 | 10 | 140 | 1/2 | 12 | 25 | 30min | | 4.9 | 355x195x270 | F00309000 |
| Viscomat DC 60/1 24V | 4 | 5 | 70 | 1/2 | 24 | 9 | 30min | | 3 | 255x125x150 | F00310020 |
| Viscomat DC 60/2 24V (*) | 10 | 4 | 57 | 3/4 | 24 | 18 | 30min | | 4.9 | 355x195x270 | F00310010 |
| Viscomat DC 120/1 24V | 5 | 10 | 140 | 1/2 | 24 | 12 | 30min | | 4.9 | 355x195x270 | F00310000 |
| Viscomat DC 120/1 12V PST | 5 | 10 | 140 | 1/2 | 12 | 25 | 30min | • | 4.9 | 355x195x270 | F00311000 |
| Viscomat DC 120/1 24V PST | 5 | 10 | 140 | 1/2 | 24 | 12 | 30min | • | 4.9 | 355x195x270 | F00311010 |

(*) For Viscomat DC 60/2 max oil viscosity 600 cSt