



PRODUCT SPECIFICATION SHEET

FMT 12V-54LPM DIESEL TRANSFER VANE PUMP

BRAND:



TOP SPEC:

Flow Rate
54lpm

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Product Description

FMT 12V-54lpm Diesel Vane Pump

A top quality, Swiss-made sliding-vane pump, designed for use with diesel and other products which are not aggressive to the pumps component materials.

Due to their unsurpassed reliability on continuous duty operations, these can also be used as process pumps.



Main Features

- Connecting cable - Length: 3m
- Pump design - vane pump, self priming
- Max Pressure - 1.8 Bar
- Voltage - 12v DC
- Connection inlet/outlet - 1" female
- Flow rate - 54lpm
- Suction height - 3m

Technical Data

- Connecting cable with battery terminal clips, length (m) / (ft): 3 / 10
- Connection suction side: G 1" female
- Pump design: vane pump, self priming
- Suction height up to (m) / (ft): 3 / 10
- Delivery rate under free discharge up to (l/min) / (gpm): 54 / 14.3
- Discharge pressure up to (bar) / (psi): 1,8 / 26.1
- Connection discharge side: G 1" female
- Pumping media: fuel oil and diesel

Additional Information

FMT 12V-54lpm Diesel Transfer Vane Pump

Part Number

P-23-406

NEED MORE INFORMATION?

○ 01373 822220

○ sales@atkinsonequipment.com

○ www.atkinsonequipment.com

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Motor Data

- Insulation class: F
- Highest permissible limit temperature (°C) / (°F): 155 / 311
- Voltage (V): 12 V DC
- Power consumption (A): 30
- Power (W): 360
- Fuse (A): 40 A plug-in fuse
- Duty cycle (min) under free discharge max.: 180
- Run time (min) when dispensing valve is closed max.: 2
- Torque (Nm): 0,66
- Rotation speed (rpm): 2500
- Type of construction: IMB 5
- Safety class: IP66

Specil Notes

- Continuous operation – 3 hours – with open valve
- Lapped shaft on the sealing point
- Encapsulation of the electric motor, which, in case of extreme temperature fluctuations, largely prevents the formation of condensed water and of short-circuits resulting thereof
- Pump case freely positional in all 90° positions
- Switch case freely positional in all 90° positions
- Switch case made of shock resistant, die-cast zinc, coated by catachresis
- Pump case made of seawater resistant die-cast aluminium, coated by catachresis
- Motor case, completely galvanised, coated external parts
- Small tolerances provide a high suction- and pressure performance at best efficiency
- The material composition of the vane-stator (runner ring) guarantees form-stability of the vanes up to 200 °C / 392 °F
- Materials guarantee a low weight and an exceptional lifetime with optimized efficiency

Materials Of Parts In Contact With Liquid

- Seals: FKM (Viton®)/NBR
- Pump housing: AlSi 12 (sea water resistant)
- Rotor: GG 25
- Vane: POM

Pump Dimensions

- L x W x H (mm) / (inch): 338 x 200 x 196 / 13.3 x 7.9 x 7.7
- Weight (kg) / (lb): 5,58 / 12.34

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