

JP-280-PVDF-HC-1000

240V Chemical Drum Pump Kit with PVDF Pump Tube



The JP-280-PVDF-HC-1000 drum pump kit with a 240V electric motor and pump tube made of Polyvinylidene fluoride is designed and manufactured in Germany. This light-weight and powerful pump is suitable for transferring and pumping small quantities of neutral or highly aggressive fluids out of 205L plastic drums.

The drum pump is driven by a powerful electric motor that is controlled by an overload on/off-switch. A low voltage release relay prevents the motor from starting automatically after a loss of power. The motor is supplied with a 5m long cable and a 10amp Australian plug.

The motor housing manufactured of Polypropylene ensures high chemical resistance when aggressive vapours of acids and alkalis are present. The pump tube is made of Polyvinylidene fluoride and the shaft made of Hastelloy.

The drum pump kit is ideally suited for intermittent operation and is supplied with a 2m long multi-purpose chemical hose and a PVDF nozzle.

The drum pump kit JP-280-PVDF-HC-1000 is suitable for the Transfer of thin fluid, neutral, highly aggressive and non-flammable media up to a maximum operating temperature of 90°C.



March 2020

SPECIFICATIONS, FEATURES AND BENEFITS

- Drum pump motor:
240V, 50/60Hz, 825W, IP24, 5m cable and Australian 10amp plug. Motor with low voltage release relay
- Pump tube:
Made of Polyvinylidene fluoride and shaft of Hastelloy
Pump tube diameter 41mm OD
Pump tube length 1000mm suitable for plastic 205L drums
Hose connection 1
- Accessories:
2m multi-purpose chemical hose 25mm ID, PVDF nozzle with FKM seals, 2" male threaded adapter for metal drums and 2 adapters for plastic drums (56mm OD Trisure fine thread and 69mm OD Mauser coarse thread)
- Technical data:
Flow rates of up to 112L/min
Discharge pressure up to 1.6bar (16m head)
Maximum density of 1.9
Maximum viscosity of 1.000mPas
Maximum temperature of 90°C

- Examples of media:
Suitable for hydrofluoric acid, sodium, hydrochloride, sulphuric acid to a concentration of 90%
- Advantages:
Several pump tubes can be operated with one motor. The pump tube can be quickly, easily and cost effectively disassembled for cleaning purposes and repaired without the need of any special tool or for change over to another pump tube
- Options:
High head version also available JP-280-PVDF-1200 IBC pump kit for use with 1,000L IBC's also available
EPDM seals and hoses for alkaline solutions on request

