

JP-140-PVDF-HC-1000

Jessberger 240V PVDF Chemical & Solvent Drum Pump



July 2025

The JP-140-PVDF-HC-1000 205L drum pump kit with a 240V electric motor & pumptube made of PVDF is designed and manufactured in Germany.

This lightweight and powerful pump is suitable for transferring and pumping small quantities of compatible chemical fluids out of 205L plastic drums.

Easy & quick re-coupling allows for use in multiple pumptube assemblies.

The drum pump is driven by a powerful electric motor that is controlled by an overload and thermally protected 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 from polypropylene ensures a strong chemical resistance when aggressive vapours of acids and alkalis are present. The pumptube is made of PVDF 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 polyethylene hose and a PVDF nozzle. The drum pump kit JP-140-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.

SPECIFICATIONS, FEATURES & BENEFITS

- Flow rates of up to 49L/min
- Drum pump motor 240V, 50/60Hz, 450W, IP24, 5m cable & Australian 10amp plug. Motor with low voltage release relay and thermally plus overload protection switch
- Polyethylene pumptube & Hastelloy shaft
- Pumptide diameter 32mm OD
- Pumptide length 1,000mm suitable for plastic 205L drums
- Hose connection 3/4"
- Accessories: 2m multi-purpose chemical hose 19mm ID, PVDF nozzle with FKM seals, 2" male threaded adapter for metal drums and 2 adapters for plastic drums
- Discharge pressure up to 1bar (10m head)
- Maximum density of 1.3, maximum viscosity of 400mPas
- Maximum temperature of 90°C
- Suitable for chlorine, chromic acid, hydrofluoric acid, nitric acid, sodium, hydrochloride and sulphuric acid
- Several pump tubes can be operated with one motor
- Can be easily disassembled for cleaning purposes

**JP-140-PVDF-HC-1200 also available to suit 1,000mm IBCs*