

Technical datasheet

Centrifugal Pump Unit “OTS.5-18.SS316”

Introduction

The unit is driven by a 380V, 3 kW, 16A electrical motor, fitted to a 140 l/min stainless SS316 steel vertical centrifugal pump.

The high pressure series is a multi-purpose pump range suitable for a variety of different applications demanding reliable and cost efficient supply.

The unit is capable of operating with pipe dimensions from ½” and upwards, and can handle a variety of liquids from portable water to industry liquids within a very wide temperature, flow and pressure scale.

For industrial use the unit is excellent at circulating different kinds of process systems, such as but not limited, to pipe- & tank systems, heat exchangers, coolers (plate & tube bundles) etc.

The (special) design ensures a wide pressure range. It is fitted with a high pressure shaft seal suitable for the most common high pressure applications.



Features

- Articulated wheels mounted for site mobility
- Variable pressure and flow options
- Suction strainer
- Forklift facility

Capacity & performance

| | |
|------------------|---------------------|
| 0-6 bar pressure | Flow rate 140 l/min |
| 7 bar pressure | Flow rate 125 l/min |
| 8 bar pressure | Flow rate 110 l/min |
| 9 bar pressure | Flow rate 100 l/min |
| 10 bar pressure | Flow rate 80 l/min |
| 11 bar pressure | Flow rate 60 l/min |

Safety features

- Gauge for pressure control
- Drip trays fitted as standard
- Air bleed valve
- Skid mounted and framed in stainless SS316 steel

Weight & dimensions

| | |
|--------------|---------|
| Length | 750 mm |
| Width | 600 mm |
| Height | 1300 mm |
| Gross weight | 70 kg |