



■ Model Numbering System

TFP-1 - 2 - 2512A - 3

Motor output 400 **Motor Pressure**

\$100: Single phase 100VAC **\$200**: Single phase 200VAC

Filtering accuracy

00: No filter with closing lid

03: With 3µ filter

10: With 10µ filter

■ Specifications

1. Pump	Discharge capasity: 12ℓ/min/50Hz, 14.4ℓ/min/60Hz Discharge pressure: Max.0.3MPa IN OUT Rc 1/2
2. Motor	Single phase, 100/200V only, 400W
3. Filter cartridge	Operation temperarue: Max.80C Operation pressure : Max 0.5 MPa Thread diameter: 1 1/4 - 12 UNF
4. Switch	Push button switch, Power cord 2.0 m
5. Relief valve	Integrated valve Set pressure: 0.3Mpa
6.Pressure gauge	Filter in : Pressure indication Normal use: 0 to 0.3 MPa Replacement: 0.3 to 0.4 MPa (Red)
Approximate weight	15 kg
Accessories	Wired plastic hose (2m): Quantity:2 (Sunction & Discharge) Inlet Outer diameter \$\phi 22\$, Outlet Outer diameter \$\phi 18\$ Tube fitting for pump hose: R1/2 Pressure gauge Plug
Option	Suction strainer (100 mesh)

Applications

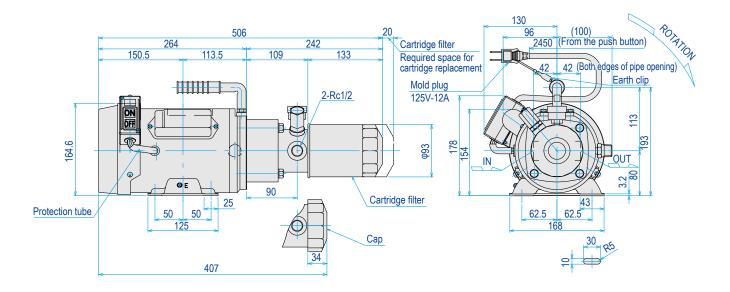
- To remove particles from oil in the hydraulic system tank
- To exchange and supply oil for construction machines and industrial vehicle
- To prevent oil deterioration and oil pollution
- For oil cleaning for other purposes

■ Features

- The filter cartridge can be replaced easily.
- Pressure gauge indicates the timing of cartridge replacement.
- Filter elements of $3\mu/10\mu$ provide sufficient cleanliness.
- One push button for operation
- Pump is the reliable Trochoid pump.
- The hand grip is attached for portable use.
- Plastic hoses for suction and discharge are provided.

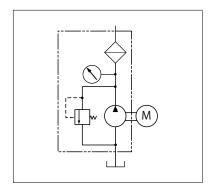
■ Dimensions (Typical) for MICRO TOP

Model: TFP-400-S***-2512A-**



■ Diagram

A filter is installed in the discharge line to filter the pumped oil. The built-in pressure gauge indicates clogs in the filter and the relief valve protects the pump and filter.

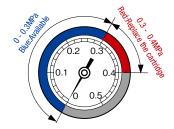


■ Precautions

- The used oil might be very dirty and 3µ filter may easily get clogged in such oil. Therefore clean the oil with a 10µ filter first before using a 3µ filter.
- · Please install the suction filter in the suction line to protect the pump. The suction filter is optional.

Cartridge filter for replacement

- If the pressure gauge indicates the red zone, replace the cartridge filter.
 When the pressure goes up to 0.3MPa, the oil will flow backward into the pump inlet.
- The cartridge is replacable with hands.



Cartridge filter model No.

10μ	L-913-1
3μ	L-913-3

Any disassembly or alteration of the product will void the warranty.