## Feature

This compact product is the combination of the 1A pump and a dedicated motor. The set pressure of the relief valve is usually 0.3MPa. If the VF version is not sufficient for high temp, please contact Fuji Techno for consultation.

## Model

FTP−1ME □ − □ − □A□ M

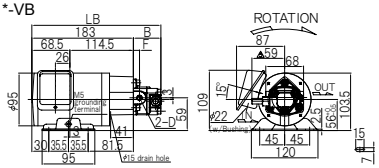
| Motor output | Attachment | Model No. | Applications | Seal material | Relief valve |
|---|---|---|---|---|---|
| 75<br>100<br>200 | 1 or No mark:Horizontal<br>2:Flange(only 75) | 10<br>11<br>12<br>13 | No mark:Standard<br>WO:Bunker oil, Coolant water | No mark:Standard(-5~80℃)<br>VF:Viton(R)for high temp.(120℃) | No mark:No valve<br>VB:With valve |

Model examples: FTP-1ME75-1-10AMVF (75W, horizontal, high temp.)
FTP-1ME100-13AM-VB (100W, with relief valve)

※ On the following pages, there are descriptions of motors with different voltages, insulation classes of B or higher and outdoor use.

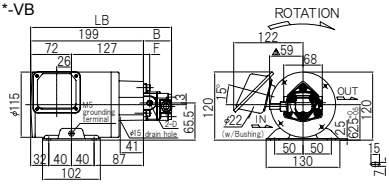
## Dimensional diagrams (mm)

■ FTP-1ME75-1-1*-VB



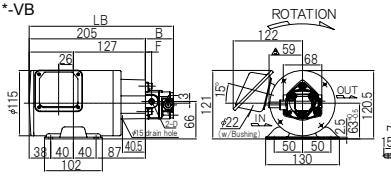

| Model | LB | B | D | F |
|---|---|---|---|---|
| 10AM-VB | 232.5 | 49.5 | Rc1/8 | 11 |
| 11AM-VB | 232.5 | 49.5 | | |
| 12AM-VB | 238.5 | 55.5 | Rc1/4 | |

■ FTP-1ME100-1*-VB




| Model | LB | B | D | F |
|---|---|---|---|---|
| 10AM-VB | 248.5 | 49.5 | Rc1/8 | 11 |
| 11AM-VB | 248.5 | 49.5 | | |
| 12AM-VB | 254.5 | 55.5 | Rc1/4 | |
| 13AM-VB | 269.5 | 70.5 | Rc3/8 | 14 |

■ FTP-1ME200-1*-VB




| Model | LB | B | D | F |
|---|---|---|---|---|
| 10AM-VB | 254.5 | 49.5 | Rc1/8 | 11 |
| 11AM-VB | 254.5 | 49.5 | | |
| 12AM-VB | 260.5 | 55.5 | Rc1/4 | |
| 13AM-VB | 275.5 | 70.5 | Rc3/8 | 14 |

## Spec

| Model | No. of motor revolutions 50Hz 1500min⁻¹ | | | | No. of motor revolutions 60Hz 1800min⁻¹ | | | |
|---|---|---|---|---|---|---|---|---|
| | Theoretical flow rate (L/min) | Max. discharge pressure to motor output (MPa) | | | Theoretical flow rate (L/min) | Max. discharge pressure to motor output (MPa) | | |
| | | 75W | 100W | 200W | | 75W | 100W | 200W |
| 10A(VB) | 1.2 | 0.5 | 0.5 | 0.5 | 1.4 | 0.5 | 0.5 | 0.5 |
| 11A(VB) | 2.2 | 0.5 | 0.5 | 0.5 | 2.7 | 0.4 | 0.5 | 0.5 |
| 12A(VB) | 3.7 | 0.3 | 0.5 | 0.5 | 4.5 | 0.2 | 0.4 | 0.5 |
| 13A(VB) | 6.7 | — | 0.3 | 0.5 | 8.1 | — | 0.2 | 0.5 |

● The above max. discharge pressure are in combination with ISO-VG46 at 40℃. The rates vary depending on viscosity and temperature.

## Motor spec

| Power(W) | Pole(P) | Rating | Voltage(V) | Frequency (Hz) | Revolutions (min-1) | Current (A) | Approx. weight (kg) |
|---|---|---|---|---|---|---|---|
| 75 | 4 | Continuous | 200/200/220 | 50/60/60 | 1405/1665/1695 | 0.79/0.7/0.72 | 5.0 |
| 100 | 4 | Continuous | 200/200/220 | 50/60/60 | 1440/1705/1720 | 1.16/1.06/1.08 | 5.0 |
| 200 | 4 | Continuous | 200/200/220 | 50/60/60 | 1425/1685/1710 | 1.23/1.15/1.14 | 6.2 |

● Squirrel-cage induction motor ● Insulation class E ● Fully closed type ● IP44

※ 380V/50Hz, 400V/50・60Hz and 440V/60Hz are available.