Engine Pump

EPH-10 series

Features

- Driving source is the gasoline engine, which works with no power supply in the field instead of an electric pump or manual pump.
- Two-stage discharge pump is equipped for highly effective work.
- Equipped 4 stroke engine, economical fuel efficiency with minimum toxic substance and smoke.
- 25% lighter than conventional engine pump
- Equipped the useful roll bar standard.

Hydraulic circuit designation

Gasoline tank
- Tank oil level: 1.6L
- Driving source: Gasoline
- Approximate capable time of operation: 3 hours
  ※ Standard operation time with no load

Engine
- Air-cooling 4 stroke single-cylinder engine tilt type
- Rating output: 1.6kW
- Maximum output: 2.2kW

Oil tank
- Tank oil level: 11.4L
- Effective oil level: 8.4L

Pressure gauge
- 60 x 100MPa Glycerin contained

Pump
- High pressure pump
  Max. operating pressure: 70MPa
  Discharge volume: 0.9L/min.
- Low pressure pump
  Max. operating pressure: 8MPa
  Discharge volume: 6.5L/min.
  ※ Discharge volume at 1600rpm

Directional control valve
- Equipped the pressure hold function which works at switch transitional period and neutral position

Discharge port
- Port size: Rc3/8
- S-1R Couplers are equipped on this photograph.

Speciation

The specifications are subject to change without notice.

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