



KHE-3SM ELECTRIC HYDRAULIC PUMP

Double Acting | 700 bar Max Working Pressure | 0.55 kW Motor

Compact high-pressure electric pump for controlled advance and return circuits



PRODUCT OVERVIEW

The KHE-3SM is a compact electric hydraulic pump configured for double-acting hydraulic systems. Using the KHE-3 performance parameters in the supplied KHE Series instruction sheet, it combines a 0.55 kW electric motor, 5 L usable oil volume and high-pressure output up to 700 bar for controlled hydraulic operation.

FEATURES

- Double-acting hydraulic configuration
- Maximum working pressure 700 bar
- 4.5 L/min flow at 0 bar
- 0.35 L/min flow at rated pressure
- Manual three-position four-way reversing valve
- P-port pressure gauge and pressure regulating valve
- Two NPT 3/8 hydraulic outlets with quick-plug couplers
- Recommended ISO VG32 anti-wear hydraulic oil

APPLICATIONS

Hydraulic bolting and jacking systems
Compatible double-acting hydraulic cylinders and tools
Maintenance, workshop and field hydraulic power
Controlled advance / retract hydraulic circuits

*Product specification compiled from the supplied KHE Series electric hydraulic pump instruction sheet.
KHE-3SM model designation and double-acting configuration supplied by Oceanic Supply.*

TECHNICAL SPECIFICATIONS

Model	KHE-3SM
Hydraulic Action	Double acting
Max Working Pressure	700 bar (70 MPa / 10,000 psi)
Motor Power	0.55 kW
Operating Voltage	220 VAC
Flow @ 0 bar	4.5 L/min
Flow @ Rated Pressure	0.35 L/min
Usable Oil Volume	5 L
Noise Level	80 dB
Recommended Hydraulic Oil	ISO VG32 anti-wear hydraulic oil
Oil Outlets	2 x NPT 3/8
Couplers	Quick-plug female, 700 bar rated
Reversing Valve	Manual 3-position, 4-way (M-type standard)
Pressure Gauge	P-port pressure gauge

DOCUMENT CONTROL

Document No.	OSP-DS-HYD-0002
Revision	Rev 0
Issue Date	September 2026
Prepared By	Oceanic Supply
Product Family	Hydraulic Pumps

OPERATING NOTES

- Do not exceed 700 bar maximum working pressure.
- Confirm system pressure is zero before connection or disconnection.
- Use hoses and couplers rated to the same or higher pressure.
- Check oil level before operation; fill with the same hydraulic oil type.
- Do not use in flammable or explosive environments.