

Hydraulic Cartridge Hand Pump, 210 bar

This cartridge hand pump is designed for hydraulic units with a cartridge threaded screw-in assembly. It is easily installed and directly replaceable in hydraulic manifold blocks.



Overview

Hydraulic Cartridge Hand Pump

This cartridge-style hydraulic hand pump is engineered for reliable manual hydraulic actuation in industrial machinery and manifold blocks. Designed with a standard threaded port cavity, it offers convenient installation and replacement capabilities. Built from high-strength carbon steel and casting iron, this pump ensures durability and consistent performance under pressure.

Performance

Max. Operation Pressure

21 MPa

Max Operation Pressure

Technical Specifications

Connection Type	Threaded, cartridge style (7/8"-14UNF-2A or 3/4"-16UNF)
Construction Materials	High Strength Carbon Steel, Casting Iron

Operating Environment

Compatible Fluids

- Mineral oil (DIN51 524)
- VDMA 24 568
- Rapeseed oil

Operating Temperature	-30 to +80 °C
Viscosity Range	10 - 400 CST

Quality Standards

Leakage and Pressure Testing

Every unit undergoes rigorous pressure holding and leakage testing before packaging. The pump is evaluated based on pressure drop over time, with qualification times ranging from 3 to 10 minutes depending on specific flow rate requirements.

Filtration Standard	ISO 4406 (20/18/15)
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