

CDLF 12-40 Vertical Multistage Centrifugal Pump

Model: CDLF 12-40

Flow Rate: 12 m³/h

Lift: 40 m

Rotational Speed: 2900r/min

Power: 3 kW

Factory Date: 2022.01

Design Features

- **Space Saving:** Its vertical orientation occupies significantly less floor space than horizontal alternatives.
- **Durability:** Features high-quality mechanical seals (typically Tungsten Carbide/Graphite) and stainless steel "wetted parts" to ensure a long service life.
- **Standard Motor:** Driven by a standard TEFC (Totally Enclosed Fan Cooled) electric motor, making it easy to replace or service.

Typical Applications

- **Water Supply:** Filtration and transport for water works, main pipeline boosting, and high-rise buildings.
- **Industrial Pressure Boosting:** Process water systems, high-pressure washing, and fire-fighting systems.
- **Liquid Transfer:** Boiler feed water, condensate systems, and cooling/air-conditioning circulation.
- **Water Treatment:** Reverse osmosis systems, ultrafiltration, and swimming pool filtration.

Operating Limits

- **Liquid Temperature:** -15°C to +70°C (standard) or up to +120°C (hot water version).
- **Ambient Temperature:** Up to +40°C.
- **Max Working Pressure:** Typically 16 to 25 bar.