

Water Cooled 4-Cylinder Diesel Engine 30HP

This water-cooled diesel engine features a compact design, enhancing installation and transportation convenience. Increasing water filters ensures cleaner fuel, effectively protecting the injector and high-pressure pump while prolonging operational life.



ADDITIONAL IMAGES



Overview



Compact and efficient 4-cylinder diesel engine suitable for various industrial power generation setups.

Compact Power Generation Solution

This water-cooled 4-cylinder diesel engine is designed for high efficiency in demanding environments, offering reliable power output for generator drives. The new compact design ensures convenient installation and transport without compromising performance. With an overhaul life exceeding 10,000 hours and a robust forged construction, it provides exceptional durability and wear resistance for continuous industrial use.

Performance

Engine Performance

20 kW

Power (490D)

24 kW

Power (490ZD)

1500 rpm

Rated Speed

10000 hrs

Overhaul Life

Technical Specifications

Engine Technical Data

Attribute	490D	490ZD
Air Intake	Natural	Turbocharger
Compression Ratio	18:1	18:1
Net Weight	205kg	210kg
Exhaust Temp	d450C	d500C

Mechanical Design

- Direct injection, 4-stroke, in-line design
- 2.544L displacement
- Bore and stroke: 90mm x 100mm
- Forced water cooling system
- Pressure and splash lubrication

Operation

Operational Systems

Electric Start 12V, Mechanical Speed Regulator, Generator Drive Application