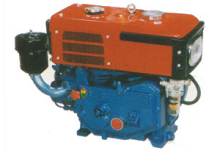


Single-Cylinder Water-Cooled Diesel Engine

This is a horizontal type, water-cooled diesel engine operating on a four-stroke cycle with a single cylinder. It has a rated speed of 2600 RPM and a compression ratio of 22:1.



R175AN(M), R180AN(M), R180ATM

Overview

Robust Single-Cylinder Engine

The R180ANM is a reliable horizontal 4-stroke diesel engine designed for demanding agricultural and power generation applications. Featuring a water-cooled condenser system and a durable prechamber combustion design, it ensures consistent performance and longevity. This compact unit is engineered for easy maintenance, making it an ideal choice for powering irrigation pumps, small tractors, and various agricultural machinery.

Technical Specifications

Model	R180ANM
Engine Type	Horizontal 4-stroke
Combustion Chamber	Prechamber
Number of Cylinders	1
Bore x Stroke	80x80
Total Displacement	0.402 L
Compression Ratio	22

Performance Metrics

1-Hour Rated Power

5.66 kW

1-Hour Rated Power

12-Hour Rated Power

5.15 kW

12-Hour Rated Power

Rated Speed	2600 r/min
Specific Fuel Consumption	278.8 g/kw-h

Operational Features

Cooling Method	Condenser
Starting Method	Handle, Electrical