

GENERAL ENGINE DATE:

Engine Model	YC4D120Z-C20
Rated Power	90KW/122HP
Standby Power	99KW/135HP
Rated Speed	3000RPM
Type	In-line, 4 stroke, water cooled, Injector
Aspiration	Turbocharger
Cylinder	4
Bore*Stroke	108*115 mm
Displacement	4.214 L
Compression ratio	17.0:1
Fuel Consumption	198g/kW.h
Oil Consumption	0.5 g/kW.h
The Lowest No-load Speed Adjustable	650-700 rpm/min
The Minimum Load for Speed	≤675 rpm/min
Mean Piston Speed	9.9 m/s
Mean Effective Pressure	0.949Mpa
Rated Speed Regulate Rate	≤10 %
The Instantaneous Speed Difference	±12 %
Exhaust Smoke	≤3.2 Bosch
Gradient	15 ° , 5 ° trim and roll roll 22.5 ° and 7.5 ° pitch can run properly
Emission Limit	HC:≤2.1 g/kW/h CO:≤8.4g/kW/h NOx:≤10.8g/kW/h
Exhaust Gas Temperature	≤550 °C
Oil-Temperature	80~105 °C
Sequence	1—5—3—6—2—4
Advance Angle of Fuel Supply	16±1 ° CA
Direction of Rotation	Counterclockwise (for the power output end)
Oil capacity	52 L
Type of Cooling	Binary cooling
Lubricating System	Pressure, splash hybrid
(Working) Oil Pressure	0.25~0.60 Mpa
(Idle) Oil Pressure	≥0.1Mpa
Starter	Electric(Air starter can be choose)
Dimension	986×730×1254 mm
Net Weight	390 Kg
Overhaul Period	10000 H

Contact Us

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