

Parameters Table

Type	Four-stroke, water cooled, in-line, turbocharged and aftercooled	Number of cylinders	12
Bore & stroke	170×220 (mm)	Displacement	54.48 L
Oil consumption rate	≤0.3 g/kW.h	Noise	≤111dB(A)
Minimum fuel consumption rate	≤200 g/kW.h	Idle speed	650±30 r/min
Torque reserve	≥15%	Rotation (facing the flywheel)	Counter-clockwise
Dimensions (L×W×H)	2256×1331×1856 (mm)	Net weight	5300 kg

Remark: Product parameters and model portfolio are for reference only. Please contact relevant personnel for official information on delivery time and fishing boat model portfolio.

Model Portfolio Table

Series	Model	Aspiration	Rated power kW/Ps	Speed r/min	Fuel system	Emission	Power rating
12WH17*	12WH17C1564-2	TA	1150/1564	1200	HPCR	IMO II	P1
	12WH17C1700-5	TA	1250/1700	1500	HPCR	IMO II	P1
	12WH17C1972-5	TA	1450/1972	1500	HPCR	IMO II	P1
	12WH17C2203-5	TA	1620/2203	1500	HPCR	IMO II	P2

Remark: The delivery date of products marked with * shall be subject to the reply of the manufacturer. Product parameters and model portfolio are for reference only. Please contact relevant personnel for official information on delivery time and fishing boat model portfolio.

Product description

Safe and reliable

- High strength engine block, crankshaft and connecting rod, the large-flow lubrication system with filtering before cooling and the high-efficiency cooling system, and the design of less tubes and one block and one head ensure that the overhaul period of diesel engine is not less than 20000h; Strong power
- Replace the filter without stopping

Strong power

- Through the reasonable matching of electronical-controlled high-pressure common rail system, turbocharger, injector, air duct and combustion chamber, the torque reserve of the whole engine reaches more than 15%, and the torque of normal speed is greater than the calibration point torque, which make the engines meet the actual use needs of users

Economical and fuel-efficient

- The electronical-controlled unit accurately controls the fuel injection timing and quantity
- Large air intake, sufficient combustion, and wide economic operation range
- Customized design for lower fuel consumption

Comfortable and environmentally friendly

- The high-pressure common rail system with ultra-high injection pressure and mushroom-shape valve type deflation valve turbocharger are adopted, giving consideration to both economy and emission. The economic operation range is wide (700~1200r/min), the minimum fuel consumption rate can reach 188g/kW·h, and the emission can meet IMO II requirements

Strong practicability

- LCD Internet instrument can be selected to monitor the speed, water temperature, oil temperature, oil pressure and other parameters of a diesel engine in real time. When the parameters of the diesel engine exceed the limit, it can automatically alarm and stop the engine, and the addition of stormy wave mode ensures that the ship engine will not stop at critical moments such as stormy wave