QSB6.7

MARINE PROPULSION AND AUXILIARY ENGINES

RECREATIONAL APPLICATIONS

GENERAL SPECIFICATIONS

Configuration	In-line, 6-cylinder, 4-stroke diesel
Aspiration	Turbocharged / Aftercooled
Displacement	6.7 L [408 in^3]
Bore & Stroke	107 x 124 mm [4.21 x 4.88 in]
Rotation	Counterclockwise facing flywheel
Fuel System	High pressure common rail

PRODUCT DIMENSIONS AND WEIGHT

Overall Length	mm (in)	1263.8 (49.76)
Length of Block	mm (in)	748 (29.45)
Overall Width	mm (in)	910.6 (35.85)
Overall Height	mm (in)	857 (33.74)
Weight	kg (lb)	658 (1450)

POWER RATINGS

Engine Model	Output Power		Engine Speed RPM	Rating Definition	Fuel Consumption				Emissions			
	kW	MHP			Rated Speed L/hr (gal/hr)		ISO* L/hr (gal/hr)		IMO	EPA	EU	RCD
Variable Speed												
QSB6.7	184	250	2600	High Output	46.9	12.4	33.0	8.7	2	3	—	2
QSB6.7	224	305	2600	High Output	55.7	14.7	39.2	10.4	2	3	—	2
QSB6.7**	261	355	2800	High Output	67.6	17.9	47.5	12.5	2	3	—	2
QSB6.7**	279	380	3000	High Output	73.9	19.5	50.4	13.3	2	3	—	2
QSB6.7**	312	425	3000	High Output	81.1	21.4	55.0	14.5	2	3	—	2
QSB6.7	353	480	3300	High Output	96.2	25.4	64.1	16.9	2	3	—	2
QSB6.7	405	550	3300	High Output	110.2	29.1	72.6	19.2	2	3	—	2

*Average fuel consumption based on ISO 8178 E3 Standard Test Cycle (variable speed models) and ISO 8178 D2 Standard Cycle (fixed speed models).
**Available with SL option package; contact your local Cummins distributor for more information.

FEATURES AND BENEFITS

Engine Design – Unmatched performance driven through a perfectly matched turbocharger and a new 24-valve cylinder head that delivers industry-leading power density. Maximize vessel performance and access comprehensive vessel diagnostic information via C Command Connect electronics. Peace of mind delivered by the Cummins Captain's Briefing and global service network.

Fuel System – High pressure common rail with hardened components to safely operate alternative fuels such as kerosene and JP8/JP5. Quiet operation, including an 80-percent reduction in noise at idle. Enhanced sociability virtually eliminates smoke and improves the whole boating experience.

Cooling System – Single loop, low temperature aftercooling eliminates the need for two keel coolers and lowers emissions. Tube and shell heat exchanger designed for superior durability and ease of service with minimal maintenance requirements. Fan drive available for radiator cooled configurations.

Exhaust System – Cast water cooled exhaust manifold for safer operation, including lower surface temperatures, and improved performance.

Air System – Walker air filter significantly reduces noise.

Lubrication System – Front-mounted filters. Oil service interval increased to 500 hours if using ULSD fuels.

Electronics – 224v Quantum System electronics feature a proven ECM to monitor operating parameters such as fuel consumption, duty cycle, engine load and speed, while providing diagnostics, prognostics and complete engine protection. Simplified electrical customer interface box for all vessel connections to reduce installation complexity.

Certifications – Complies with U.S. EPA Tier 3 emissions regulations without the use of aftertreatment. Designed to meet the International Association of Classification Societies (IACS) and SOLAS requirements.

Consult your local Cummins professional for a complete listing of available class approvals.

OPTIONAL EQUIPMENT

- Engine Controls
- Instrumentation
- Vessel System Integration
- SL Option Package

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