Cummins Marine Engine Specifications

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For other available equipment consult your local Cummins representative. Agency Certification
Certification: Contact the local Cummins representative. Cummins has always been a pioneer in product
improvement. Thus, specifications may change without notice. Illustrations may include optional equipment.
Cummins Engine Company, Inc. Box 3005

Consult option notes for flow specifications of optional Cummins seawater pumps, if applicable. CUMMINS INC.
COLUMBUS, INDIANA: All Data is Subject to Change Without Notice - Consult the following Cummins website
for the most recent data: Propulsion Marine Engine Performance Data.

Cummins Engine Company, Inc. Marine Engine General Data Sheet Marine Pg. No. 6B 21 CUMMINS ENGINE
COMPANY, INC. COLUMBUS, INDIANA All Data is Subject to Change Without Notice - consult the following
Cummins intranet site for most recent data:

Cummins® heavy-duty engine - Rugged 4-cycle, industrial diesel delivers reliable power, low emissions and fast
response to load changes. Alternator - Several alternator sizes offer Specifications are subject to change without
notice. S-1586f (9/14) cumminspower.com.

Cummins Celect, a full authority electronic Unit Injection Fuel System optimizes combustion for increased engine
performance and fuel efficient operation. Lubrication System 34 L (8.0 g) marine grade, cast aluminum oil pan
designed to resist corrosion. Spin-on Fleetguard oil filters. Electrical System

Marine Engine Performance Data Marine 4Consult option notes for flow specifications of optional Cummins
seawater pumps, if applicable. 5May not be at rated load and speed. Maximum heat rejection may occur at other
than rated conditions. CUMMINS ENGINE COMPANY, INC. COLUMBUS, INDIANA

Cummins® Engine Oil and Oil Analysis Recommendations Cummins Inc. works through the Engine Manufacturers
Association (EMA) and with the many technical and marketing organizations responsible for lubricant quality
around the world, to develop industry specifications that meet Cummins Inc. requirements. Table 1

Cummins® Inc. Service Bulletin, 3666132-07, entitled Cummins® Coolant Requirements and Maintenance is a
customer service guide detailing the needs for coolant and maintenance practices for all Cummins engine. This
document goes into much greater detail than the various engine owner manual or operation and maintenance
manual for each engine model.

Cummins Marine Diesel V-903-M Specifications Metric Power Ratings Maximum.. 295 bhp 220 kW Marine
Agency Certification: Available from American Bureau of Shipping, Bureau Veritas, Det Norske Veritas, Canadian
Coast Guard Ship Safety Branch, Cummins Engine Company, Inc. Columbus, Indiana 47202

Torque and Rebuild Specifications for Cummins Four and Six Cylinder B Series Engines in Industrial and
Generator Applications with Front Gear Trains Rocker Cover 18 ft. lbs. Cylinder Head Bolts Tighten all to 66ft. lb.
in sequence Tighten Long Bolts(4,5,12,13 on 4B; 4,5,12,13,20,21 on 6B) to 89ft. lb. Tighten Short Bolts

In addition, Cummins Inc. works through the Engine Manufacturers Association (EMA) and with the many
technical and marketing organizations responsible for lubricant quality around the world, to develop industry
specifications that meet Cummins Inc. requirements. Table 1 lists the Cummins Engineering Standards

series engine 90 kVA - 170 kVA 50 Hz; 80 kW - 135 kW 60 Hz Description This Cummins® commercial generator
set is a fully integrated power generation system, providing optimum performance, reliability, and

Cummins Inc. 4500 Leeds Avenue Suite 301 Charleston, SC 29405-8539 U.S.A. Internet: marine.cummins.com
Bulletin 4986144 Rev. 08/16 ©2016 Cummins Inc. Cummins is a pioneer in product improvement. Thus
specifications may change without notice. Illustrations may include optional equipment. QSK95 Marine Propulsion
and Auxiliary Engines
Remanufactured to latest Cummins performance specifications for improved performance and fuel economy 100% Genuine Cummins new or ReCon parts for highest quality and durability Every engine is tested at the Cummins remanufacturing plant before shipping Low cost or no cost uprates for more horsepower and newer Cummins engine technology

Propulsion Marine Engine Performance Data. Consult option notes for flow specifications of optional Cummins seawater pumps, if applicable. 5. May not be at rated load and speed. Maximum heat rejection may occur at other than rated conditions. CUMMINS INC. COLUMBUS, INDIANA.

©2016 Cummins Inc. Cummins is a pioneer in product improvement. Thus specifications may change without notice. Illustrations may include optional equipment. QSM11 Marine Propulsion and Auxiliary Engines for Commercial and Government Applications Features and Benefits Engine Design – Robust engine block designed

This Warranty covers any failures of the Engine, under normal use and service, which result from a defect in Cummins material or workmanship (Warrantable Failure). These Products have the following designation. High Output Rating The HO rating applies to variable load applications where annual use is typically less than 500 hours per year and

Cummins Prime rating 159 KTA50G8 Cast Iron, 60° V16 Cylinder Turbo Charged and Low Temperature After-Cooled 1910 1429 Configuration BMEP at set rated load, kPa Aspiration Bore, mm Gross engine power output, kWm Governor type Starting voltage Maximum fuel inlet temperature (°C) Specifications subject to change without notice | Cummins

Marine Marine Engine Performance Data Pg. No. 6B 272 TBD = To Be Decided N/A = Not Applicable N.A. = Not Available 1All Data at Rated Conditions 2Consult Installation Direction Booklet for Limitations 3Heat rejection values are based on 50% water/ 50% ethylene glycol mix and do NOT include fouling factors. If sourcing your own cooler, a service fouling factor should be applied according to the

2015 Cummins Inc. Cummins is a pioneer in product improvement. Thus specifications may change without notice. Illustrations may include optional equipment. QSB6.7 / QSB7 Marine Propulsion and Auxiliary Engines for Commercial and Government Applications Features and Benefits Engine Design – Robust engine designed for prime power operation and

Cummins Onan Marine generators are the industry’s leading auxiliary power solution. They also mesh seamlessly with your Cummins engine and instrumentation, making it that much easier to manage your boat. Built for Each Other Cummins thinks beyond the engine to what it drives. Your boat.

Cummins Westport has always been a pioneer in product development. Thus specifications may change without notice. Product Information Bulletin Natural Gas Engine Coolant Specifications and Recommendations October 10, 2009 Cummins Westport alternative fuel engines require the use of a fully formulated antifreeze or coolant

Finally, use the engine model pages for additional information, including fuel consumption, to help you decide which Cummins engine best fits your operating needs. As always, refer to marine.cummins.com or consult your local Cummins professional for the most up-to-date information, including Marine Classification Society certifications. 2


Diesel Generator set NT855 series engine Power Generation Power Generation Description This Cummins® Power Generation commercial generator set is a fully integrated power generation system, providing optimum performance, reliability, and versatility for stationary standby, prime power, and continuous duty applications. This generator set is
ENGINE MODEL 6CTA8.3-G2 FREAMFORMANCE CURVE FR91407 ENGINE DATASHEET—for G-drive ENGINE FAMILY D41 CPL 8414 2005/12 Typical engine data Net weight kg 702 Rotate part instantaneous inertia _ without flywheel kg.m2 0.37 Distance between gravity center and rear surface of cylinder block mm 541

Marine Engine Performance Data Curve No. M-90215 DS-4961 DATE: 17Aug04 4Consult option notes for flow specifications of optional Cummins seawater pumps, if applicable. 5May not be at rated load and speed. Maximum heat rejection may occur at other than rated conditions.

July 2007 Part No. 833019 T360 Super Quiet Generator Serial Number Legend The serial number plate on your T360 Super Quiet Generator is located on the twist lock area of the

Cummins QSM11 Base Engine Data Sheet D353020CX03 Industrial Market Number Cylinders: 6 Bore: 4.92 in (125 mm) Revision: Displacement: 660 in3 (10.8 L) Stroke: 5.79 in (147 mm) Aspiration: Turbocharged and Charge Air Cooled 20-Apr-2006 General Engine Data Approximate engine weight (wet) * 2,170 lbm 984 kg

Cummins 8.3l C Series Engines Cylinder Bore 4.488 – 4.450” 114.00 – 114.04mm Cylinder Bore Out-of-round 0.002” Max Cylinder Bore Taper 0.002” Max Main Bearing Cap Torque 37ft. lbs. 70ft. lbs. +60° Starting at center main cap and work outwards.

Diesel The Cummins ® ‘B series' engine powered diesel generating sets offer the best fuel shrink plastic film, Operation & Maintenance manual, Standard set of labels. online for free. CUMMINS 6BTA BOSH P7100 in-line Fuel Injection Pump INFORMATION. the OEM service manual. Cummins 6B 5.9 MARINE Brochure. With the Cummins 6BTA 330s,

Propulsion Marine Engine Performance Data QSM11-M High Output. Curve No. M-20141 4 Consult option notes for flow specifications of optional Cummins seawater pumps, if applicable. 5 May not be at rated load and speed. Maximum heat rejection may occur at other than rated conditions. CUMMINS ENGINE COMPANY, INC COLUMBUS, INDIANA All Data is

of the MAN engine system. Close cooperation between ship-builder and the MAN engine specialists ensures that an engine compartment with optimum technical features is implemented. Improved technology and simplified access to the individual servicing points on the engine drastically speed up servicing work.

Field testing has incorporated 1) Cummins QSB6.7/QSL9 engines, 2) Cummins Emission Solutions Aftertreatment Systems, and 3) Cummins Filtration Direct Flow Air Filtration to understand how our Tier 4 solution performs as a package Field test engines are monitored daily for issues Ultimate goal release a reliable product

Diesel Generator set 6BTA series engine Power Generation Power Generation Description This Cummins® Power Generation commercial generator set is a fully integrated power generation system, providing optimum performance, reliability, and versatility

Specification sheet Diesel generator set QSK60 series engine 2750 kVA 50 Hz Description Cummins Power Generation commercial generator sets are fully integrated power generation systems providing optimum performance, reliability and versatility for stationary standby applications. Features Cummins® heavy-duty engine - Rugged

The following parts are suggested spares are for the Cummins 6BTA-F Item Quantity Per Service Interval Cummins PN# Fleetguard PN# 6BTA5.9-F Air Cleaner 1 none AF1735K Fuel Filter 1 3931063 FF5052 Lube Filter 1 3932217 LF3349 Lube Oil 4 Gal. 3377363 Alternator As needed 3920679 Belt As needed 39116854 Red Paint As

Cummins® engine families. The second section includes Cummins Vintage engines; engines not as popular as those listed in the front section, but those that FP Diesel continues to supply coverage for. Also included in the Vintage section are engines sold under the Cummins badge but manufactured by
Cummins Marine 635 bhp 2100 140 Diesel Design Features VT -1710. Specifications power Ratings Governed RPM Number of Cylinders _ Bore and Stroke Piston Displacement Operating Cycles Lube System Oil Cap. Coolant Capacity Net Weight with Std. A Metr 474 kW 2100 152m m 68 Bearings: Precision type. steel backed inserts. main

Genuine Cummins parts are built to meet or exceed the original specifications for performance, reliability and durability of your Cummins marine engine. They also include the latest upgrades in materials, component design and workmanship. Therefore, you aren’t just replacing worn parts – you’re improving the performance of your engine.

Basic Engine Model Curve Number: Columbus, IN 47201 Marine Performance Curves CPL Code: Date: 2704 15-Feb-10 4 Consult option notes for flow specifications of optional Cummins seawater pumps, if applicable. 5 May not be at rated load and speed. Maximum heat rejection may occur at other than rated conditions. CUMMINS ENGINE COMPANY, INC

Diesel Engine Fundamentals DOE-HDBK-1018/1-93 DIESEL ENGINES DIESEL ENGINES One of the most common prime movers is the diesel engine. Before gaining an understanding of how the engine operates a basic understanding of the engine's components must be gained. This chapter reviews the major components of a generic diesel engine.

Cummins Power Generation comprehensive warranty Packaged Self-Contained Units Units with built in antivibration systems with provision for base fuel tank and other accessories Cummins Engine Heavy duty 4 cycle water cooled engine Electronic governor control Cooling System 50°C cooling package Ready Filled Every set comes ?lled with lube oil and


4 Consult option notes for flow specifications of optional Cummins seawater pumps, if applicable. 5 May not be at rated load and speed. Maximum heat rejection may occur at other than rated conditions. CUMMINS ENGINE COMPANY, INC COLUMBUS, INDIANA

Scania marine engines, completely new possibilities for boat designers are created, and new standards are set for demanding operators who seek to boost their operational efficiency and profitability. Scania marine engines – the new lightweight champions of the world. scania power for planing vessels. 7

CERTIFIED: This marine diesel engine is certified to the model year requirements of the EPA Marine Tier 1 per 40 CFR 94 and conforms with the NOx requirements of the International Maritime Organization (IMO), MARPOL 73/78 Annex VI, Regulation 13 as applicable.

Prices are below any comparable new Cummins engine. Often competitive with a shop rebuild and delivers * Some Quantum common rail engines offered please check for specifications and availability 2015 Cummins Distribution Europe 2318 ReCon Marine brochure.indd 4 11/06/2015 15:31.

Engine Dimensions Length Width Height Weight (Dry) mm in mm in kg lb 1174 46.2 842 33.2 1086 42.8 907 2000 Does not include exhaust connection. Weights vary by rating. Length measured from back of flywheel to engine front. Engine Ratings Engine Specifications Configuration Inline 6-cylinder, 4-stroke Aspiration Turbocharged / Aftercooled