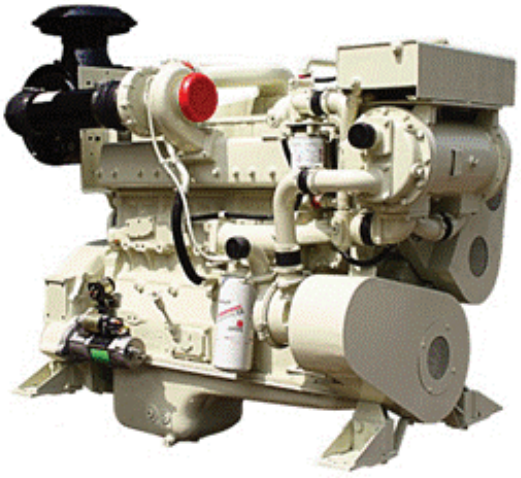
N855 CCEC

Marine Propulsion and Auxiliary Engines for Commercial Applications

General Specifications

Configuration	In-line, 6-cylinder, 4-stroke diesel
Aspiration	Turbocharged (NT855) or Turbocharged / Aftercooled (NTA855)
Displacement	14 L (855 in^3)
Bore & Stroke	140 X 152 mm (5.5 X 6.0 in)
Rotation	Counterclockwise facing flywheel
Fuel System	Pressure Time (PT)



Product Dimensions and Weight

Overall Length	mm (in)	1975	(77.8)
Length of Block	mm (in)	1137	(44.76)
Overall Width	mm (in)	934	(36.8)
Overall Height	mm (in)	1598	(62.9)
Weight	kg (lb)	1430	(3150.0)

Dimensions and weight may vary based on selected engine configuration.

Power Ratings

Engine Model	Output Power kW	MHP	BHP	Engine Speed RPM	Rating Definition	Fuel Consumption Rated Speed L/hr (gal/hr)	ISO* L/hr (gal/hr)	IMO	Emissions EPA	EU	RCD
Variable Speed											
NT855-M	179	243	240	1800	Continuous	46.4 (12.3)	32.8 (8.7)	1	–	–	–
NT855-M	201	274	270	1800	Continuous	51.1 (13.5)	35.1 (9.3)	1	–	–	–
NTA855-M	224	304	300	1800	Continuous	56.0 (14.8)	39.0 (10.3)	1	–	–	–
NTA855-M	261	355	350	1800	Continuous	66.2 (17.5)	46.6 (12.3)	1	–	–	–
NTA855-M	298	406	400	1800	Continuous	74.6 (19.7)	52.0 (13.7)	1	–	–	–
NTA855-M	336	456	450	1800	Continuous	83.6 (22.1)	N/A	1	–	–	–
N855-M	261	355	350	1800	Continuous	68.9 (18.2)	47.7 (12.6)	2	–	–	–
N855-M	298	406	400	1800	Continuous	77.3 (20.4)	53.1 (14.0)	2	–	–	–
N855-M	298	406	400	2100	Heavy Duty	84.0 (22.2)	57.5 (15.2)	2	–	–	–
Fixed Speed											
NTA855-DM	240	325	321	1500 (50 Hz)	Prime	60.2 (15.91)	30.2 (8.0)	1	–	–	–
N855-DM	240	325	321	1500 (50 Hz)	Prime	60.2 (15.91)	33.1 (8.7)	2	–	–	–
NTA855-DM	284	385	380	1500 (50 Hz)	Prime	70.0 (18.50)	N/A	1	–	–	–
N855-DM	284	385	380	1500 (50 Hz)	Prime	70.1 (18.51)	35.2 (9.3)	2	–	–	–
NTA855-DM	287	390	385	1800 (60 Hz)	Prime	70.0 (18.50)	35.2 (9.3)	1	–	–	–
N855-DM	287	390	385	1800 (60 Hz)	Prime	73.3 (19.36)	39.6 (10.5)	2	–	–	–
NTA855-DM	313	426	420	1800 (60 Hz)	Prime	78.0 (20.60)	39.3 (10.4)	1	–	–	–
N855-DM	313	426	420	1800 (60 Hz)	Prime	78.5 (20.75)	42.4 (11.2)	2	–	–	–
N855-DM	317	431	425	1500 (50 Hz)	Prime	76.8 (20.28)	39.5 (10.4)	2	–	–	–

* Average fuel consumption based on ISO 8178 E3 Standard Test Cycle (variable speed models) and ISO 8178 D2 Standard Test Cycle (fixed speed models)

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Features and Benefits

Engine Design – Rugged engine block designed for continous duty operation and long life. Metric O-ring seals and edge molded gaskets eliminate fluid leaks. Full power take-off available from front of crankshaft. Aluminum single-piece piston design with hardened liners and nitride coated rings for exceptional durability

Fuel System – Dependable Cummins PT fuel system optimizes combustion for enhanced fuel economy as well as reduced emissions and minimal smoke. Premium fuel injectors utilize ceramic components for increased durability

Cooling System – Engine mounted plate-type heat exchanger system available. Spin-on Cummins water treatment filters for protection against cooling system corrosion

Exhaust System – Water cooled exhaust manifold reduces emissions and cools engine surface temperatures

Air System – Cummins turbocharger optimized for marine applications. Water pump for efficient operation and optimized performance

Lubrication System – Fleetguard spin-on oil filters provides extended service intervals and reduce maintenance. Standard capacity (34.0 L [9.0 gal]) or large capacity (37.0 L [9.7 gal]) oil pan available allows for longer oil change intervals. Prelub system protects engine from damage due to dry starts

Electronics – 24v, 100 amp alternator with isolated ground components

Certifications – Complies with IMO emissions regulations, certified by China Classification Society (CCS)

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