

C32 ACERT™

MARINE PROPULSION ENGINE

850 bhp 634 kW WOSR 1600-1800 rpm
1000 bhp 746 kW WOSR 1600-1800 rpm



Image shown
may not reflect
actual engine



STANDARD ENGINE EQUIPMENT

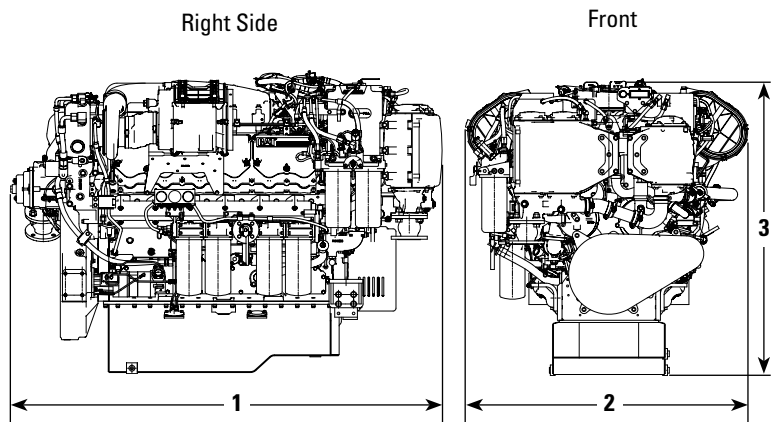
- Separate circuit aftercooler (SCAC)
- Heavy-duty inlet air cleaner
- Heat exchanger or keel cooling
- SCAC and JW shunt tanks with sight glass
- Watercooled exhaust manifold and turbocharger
- Round flanged exhaust outlet
- Deep sump oil pan
- Oil filler, filter, and dipstick, RH or LH service
- MEUI fuel system
- Duplex fuel filters, RH or LH service
- Engine-mounted fuel cooler
- Fuel transfer and priming pumps
- Hybrid fuel lines
- Electronic fuel/air ratio control
- Electronic diagnostics and fault logging
- Adjustable front support mounting system
- Customer wiring and service tool connector

SPECIFICATIONS

Vee-12, 4-Stroke-Cycle-Diesel

- IMO II compliant
- 32.1 L (1959 cu in) displacement
- 1600-1800 rpm rated engine speed
- 145 mm (5.7 in) bore x 162 mm (6.38 in) stroke
- Turbocharged and aftercooled aspiration
- Electronically governed
- Heat exchanger or keel cooled
- Refill capacity
 - Cooling system: 154 L (40.8 gal) engine and expansion tank
 - Lube oil system: 146 L (38.5 gal)
- 1000-hour oil change interval
- Caterpillar Diesel Engine Oil 10W30 or 15W40
- SAE No. 0 flywheel and flywheel housing, 136 flywheel teeth
- Counterclockwise rotation from flywheel end

DIMENSIONS



ENGINE DIMENSIONS & WEIGHT

(1) Length (overall)	2284 mm	89.9 in
(2) Width	1528 mm	60.2 in
(3) Height	1584 mm	62.4 in
Weight, Net Dry (keel)	3155 kg	6956 lb
Weight, Net Dry (heat exchanger)	3245 kg	7155 lb

Note: Do not use these dimensions for installation design. See general dimension drawings for detail.

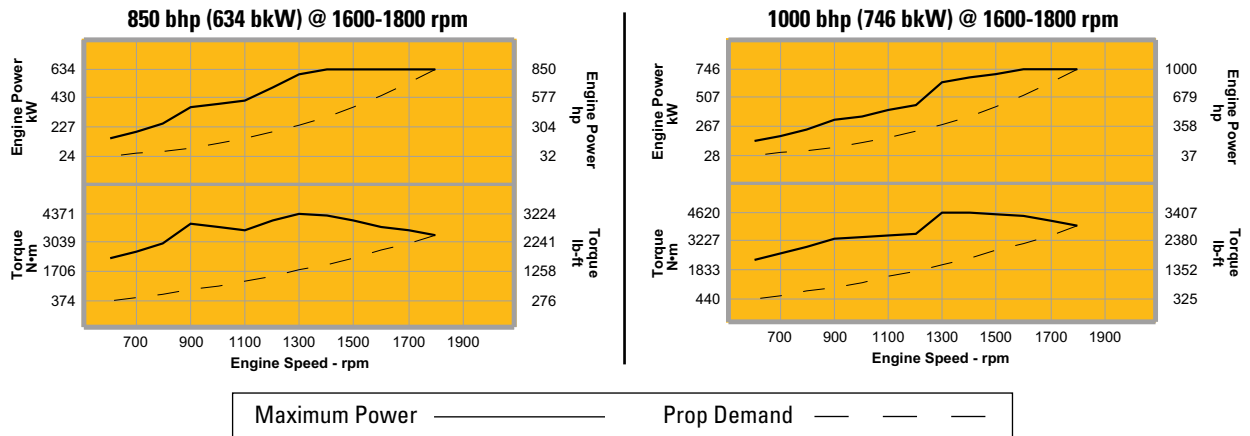
MARINE ENGINE PERFORMANCE

Max Power

A Rating – DM9610-03					A Rating – DM9609-01				
rpm	bhp	g/hr	bkW	g/bkW-hr	rpm	bhp	g/hr	bkW	g/bkW-hr
1800	850	41.0	634	205.3	1800	1000	48.1	746	204.9
1600	850	41.5	634	207.7	1600	1000	47.6	746	202.7
1400	841	38.1	627	193.0	1400	604	30.0	450	211.4
1000	523	25.9	390	211.0	1000	476	23.7	355	212.4
600	194	9.7	145	211.6	600	194	9.4	145	206.5

Prop Demand

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1800	850	41.0	634	205.3	1800	1000	48.1	746	204.9
1600	597	29.6	445	210.8	1600	703	34.3	524	207.9
1400	400	20.6	298	212.8	1400	296	14.8	221	213.3
1000	146	7.9	109	231.5	1000	172	8.7	128	215.6
600	32	2.3	24	309.7	600	37	2.3	28	267.1



OPTIONAL ATTACHMENTS

- Air inlet adapter
- Battery charger 10 amp
- Charging alternator 24V 105 amp
- Exhaust elbow, dry
- Exhaust flange, flexible fitting, muffler
- Water separator
- Fumes disposal (closed system)
- Duplex oil filters, RH or LH
- Manual sump pump
- Transmission oil cooler
- Starting motors – electric or air
- Dual starting motors (electric and air)
- Jacket water heaters
- Battery sets – 24V 950-1300 CCA
- MECP I control panel
- MECP III control panel with Cat alarm and protection system
- Fuel and oil spray shielding
- OEM wiring harness – 30, 50, 80 foot lengths
- Engine-to-engine wiring harness – 15, 30 foot lengths
- Heavy-duty front support
- Isolator mounts
- Power take-offs

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