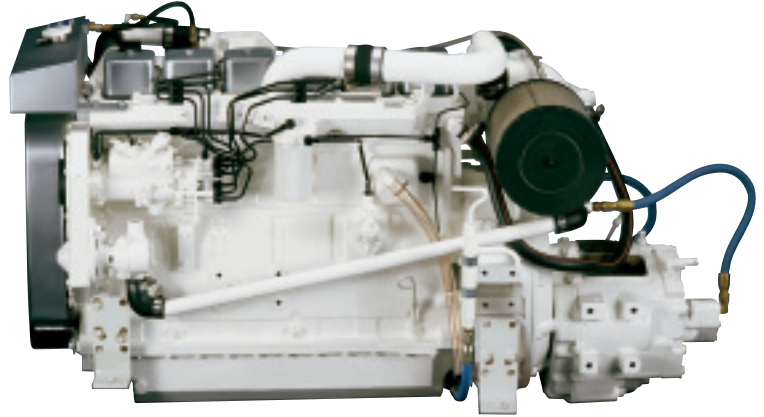


## Worldwide Marine Power Solutions

### ENGINE SPECIFICATIONS

Configuration	In-line 6 Cylinder, 4-Stroke Diesel
Bore & Stroke	102 mm x 120 mm (4.02 in x 4.75 in)
Displacement	5.9 L (359 in <sup>3</sup> )
Rotation	Counterclockwise facing flywheel



### POWER RATINGS

Power Rating	Medium Continuous		Intermittent	
	Naturally Aspirated	Turbocharged*	Naturally Aspirated	Turbocharged*
Rated RPM	2500	2500	2800	2600
kW (BHP)	86 (115)	134 (180)	90 (120)	157 (210)
Max Torque N-m (ft-lb) RPM	270 (199) 1200	630 (465) 1700	271 (200) 1200	719 (530) 1700

\*Ratings are IMO emissions compliant.

### FEATURES AND BENEFITS

#### Engine Design

Compact size for ease of installation with easy access for routine maintenance. Four stroke cycle combustion for quiet and fuel efficient operation.

#### Cooling System

Heat exchanger or keel cooled configurations available for application flexibility.

#### Fuel System

CAV rotary fuel pump.

#### Lubrication System

14 L (3.6 g) marine grade, cast aluminum oil pan. Spin-on Fleetguard lube oil filters.

#### Electrical System

12-volt and 24-volt systems available. Marine grade wiring harness and instrument panels.

#### Manufacturing

ISO certified plants.

#### U.S. Navy Certified

Tested and certified for the U.S. Navy's 1,000 hour abuse cycle test.

#### IMO Emissions Certified

Certificates of Compliance for ratings over 130 kW (174 hp) are available from the U.S. EPA and Lloyd's Register of Shipping.

### AVAILABLE ACCESSORIES

**Air Cleaner:** Light or heavy duty.

#### Auxiliary Pump

**Hydraulic Pump Drive:** SAE A or B flange.

**Walker Air Sep:** Closed crankcase ventilation system

**Accessory Drive Pulley:** Belt or gear driven

**Marine Classification Society Approvals:** Check with your local Cummins professional for an updated listing.

# 6B/6BT

**Cummins MerCruiser Diesel**

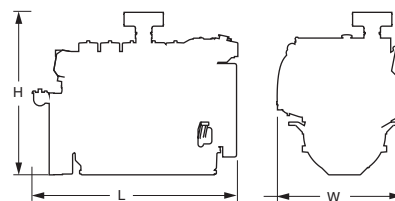
## Worldwide Marine Power Solutions

### ENGINE DIMENSIONS

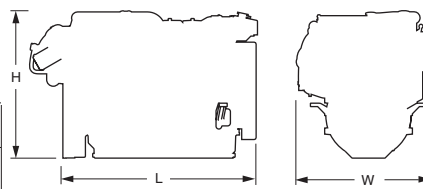
		Length		Width		Height		Weight	
		mm	in	mm	in	mm	in	kg	lb
Keel Cooled	NA	1138	44.8	704	27.7	894	35.2	452	995
	T	1073.65	42.27	710.9	27.99	812.2	31.98	466	1025
Heat Exchanger	NA	1138	44.8	704	27.7	894	35.2	495	1090
	T	1073.65	42.27	710.9	27.99	812.2	31.98	509	1120

NA - Naturally Aspirated

T - Turbocharged



Naturally Aspirated



Turbocharged

### PERFORMANCE DATA

Rating	Medium Continuous (NA)				Medium Continuous (T)*			
rpm	2500	2300	2100	1900	2500	2300	2100	1900
kW	86	67	51	37	134	104	80	59
g/kW-hr	231	237	237	258	237	241	251	257
L/hr	23.7	18.9	14.4	11.4	37.8	29.9	23.9	18.1
bhp	115	90	68	50	180	140	107	79
lb/hp-hr	.384	.389	.391	.420	.389	.395	.412	.425
gal/hr	6.3	5.0	3.8	3.0	10.0	7.9	6.3	4.8

Rating	Intermittent (NA)				Intermittent (T)*			
rpm	2800	2600	2400	2200	2600	2400	2200	2000
kW	90	72	57	43	157	123	95	72
g/kW-hr	233	230	218	258	240	243	249	259
L/hr	25.0	19.7	14.8	13.2	44.9	35.7	28.2	22.2
bhp	120	96	76	58	210	165	127	96
lb/hp-hr	.385	.379	.359	.422	.397	.399	.408	.430
gal/hr	6.6	5.2	3.9	3.5	11.9	9.4	7.4	5.9

\*Ratings are IMO emissions compliant

Above data represents performance along a 3.0 fixed pitch propeller curve. Fuel consumption has a tolerance of +5% and is based on fuel of 35° API gravity at 16 °C (60 °F) having an LHV of 42, 780 KJ/KG (18,390 BTU/lb) when used at 29 °C (85 °F) and weighing 838.9 g/liter (7.001 lb/US gal). Observed horsepower is certified within ± 3% of rated horsepower. Cummins has always been a pioneer in product improvement. Thus specifications may change without notice. Consult your local Cummins professional for further information.

#### Rating Definitions

Ratings are based on ISO 8665 conditions of 100kPa(29.612 in Hg) and 25 °C (77 °F) and 30% relative humidity. Propeller shaft power represents the net power available after typical gear losses and is 97% of rated power. Power rated in accordance with IMCI procedures.

#### Medium Continuous Duty

Intended for continuous use in variable load applications where full power is limited to six hours out of every twelve hours of operation. Also, reduced power operations must be at or below 200 rpm of the maximum rated rpm. This rating is an ISO 3046 fuel stop power rating and is for applications that operate less than 3,000 hours per year.

#### Intermittent Duty

Intended for intermittent use in variable load applications where full power is limited to two hours out of every eight hours of operation. Also, reduced power operations must be at or below 200 rpm of the maximum rated rpm. This rating is an ISO 3046 fuel stop power rating and is intended for applications that operate less than 1,500 hours per year.



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