

Cummins MerCruiser Diesel

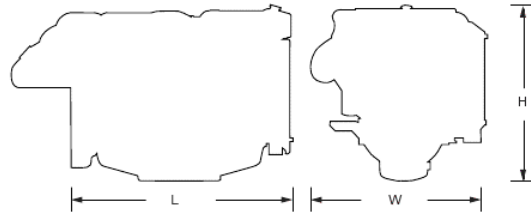
E Series

Worldwide Marine Power Solutions

ENGINE DIMENSIONS

	Length		Width		Height		Weight	
	mm	in	mm	in	mm	in	kg	lb
JWAC*	1177.3	41.02	848.9	33.42	953.6	37.54	712	1570
SWAC	1161.5	45.7	908.8	35.78	921.5	36.28	856	1885

*Keel Cooled



PERFORMANCE DATA

Rating	Continuous Duty 255 bhp*				Intermittent Duty 350 bhp*				Intermittent Duty 430 bhp*			
	rpm	1800	1600	1400	1200	2500	2100	1700	1300	2600	2200	1800
kW	190	138	97	64	261	163	92	44	321	204	119	60
g/kW-hr	224	209	208	210	224	214	222	244	239	212	218	228
L/hr	50.9	34.4	23.7	15.9	69.7	41.6	24.4	12.8	91.6	51.5	30.9	16.3
bhp	255	186	129	85	350	218	123	59	430	274	159	81
lb/hp-hr	.368	.343	.342	.346	.368	.353	.370	.403	.394	.347	.361	.372
gal/hr	13.4	9.1	6.3	4.2	18.4	11	6.5	3.4	24.2	13.6	8.2	4.3

*Ratings are IMO emissions compliant

Above data represents performance along a 2.7 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 ± 5% 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.

Continuous Duty

Intended for continuous use in applications requiring uninterrupted service at full power. This rating is an ISO 3046 standard power rating.

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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