

SPECIFICATIONS

RATING GUIDELINES – HIGH OUTPUT

This power rating is for use in variable load applications where full power is limited to (1) hour out of every (8) hours of operation. Also, reduced power operations must be at or below 200 rpm of the maximum rated rpm. This power rating is for pleasure/non-revenue generating applications that operate 300 hours per year or less.

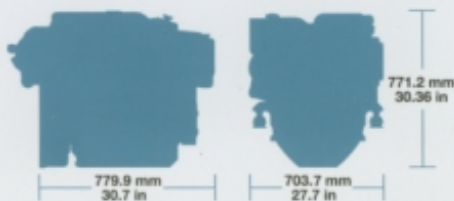
155B

Crankshaft power ¹	114 kW	155 hp, metric
Crankshaft power ²	112 kW	150 bhp
Rated speed	2800 rpm	2800 rpm
Bore x stroke	102x120 mm	4.02x4.72 in
Displacement	3.9 liters	239 cu in
Aspiration	Turbocharged	Turbocharged
Number of cylinders	4	4
Engine weight without gear	423 kg	932 lb

Dimensions without gear

Length	779.9 mm	30.7 in
Width	703.7 mm	27.7 in
Height	771.2 mm	30.36 in

Fuel consumption	Prop hp	
	liters per hour	gallons per hour
2800 rpm	28.8	7.6
2500 rpm	21.2	5.6
2200 rpm	15.1	4.0
2000 rpm	11.7	3.1
1800 rpm	8.7	2.3
1500 rpm	5.7	1.5
1200 rpm	3.4	0.9



RATING CONDITIONS

Declared power ratings are based upon ISO 8665 reference conditions; air pressure of 100 kPa (29.612 in Hg) air temperature of 25°C (77°F) and 30% relative humidity. Fuel temperature during verification test is at 25°C (77°F). Propeller Shaft Power represents the net power available after typical reverse/reduction gear losses and is 97% of rated power. Fuel consumption is based on fuel of 35° API gravity at 16°C (60°F) having LHV of 42,780 k/kg (18,390 Btu/lb) and weighing 838.9 g/liter (7,001 lb/U.S. gal).

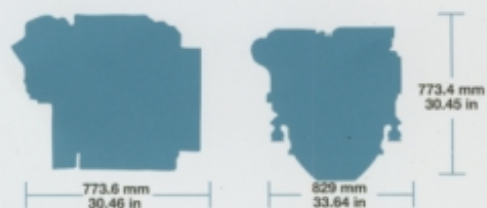
4B-250

Crankshaft power ¹	184 kW	250 hp, metric
Crankshaft power ²	179 kW	240 bhp
Rated speed	3000 rpm	3000 rpm
Bore x stroke	102x120 mm	4.02x4.72 in
Displacement	3.9 liters	239 cu in
Aspiration	Turbocharged/ Aftercooled	Turbocharged/ Aftercooled
Number of cylinders	4	4
Engine weight without gear	454 kg	1,001 lb

Dimensions without gear

Length	773.6 mm	30.46 in
Width	829.0 mm	33.64 in
Height	773.4 mm	30.45 in

Fuel consumption	Prop hp	
	liters per hour	gallons per hour
3000 rpm	50.0	13.2
2800 rpm	40.5	10.7
2500 rpm	36.3	9.6
2200 rpm	20.4	5.4
2000 rpm	14.0	3.7
1900 rpm	9.1	2.4
1600 rpm	4.9	1.3



¹ Technical data according to ISO 3046 fuel stop power, Fuel 25°C (77°F).

² Technical data according to ISO 8665 fuel stop power. Fuel 40°C (104°F). Power rated in accordance with IMCI procedures.

