

# 3406 Marine Propulsion 250 – 402 hp



## Performance Data

### Turbocharged

		250 hp (186 kW) Continuous			300 hp (225 kW) Medium-Duty Commercial			325 hp (242 kW) Light-Duty Commercial			
		rpm	1800	1500	1200	1800	1500	1200	2100	1800	1500
Shaft Power	hp		242	140	72	293	169	86	315	199	114
	kW		181	105	53	218	126	64	235	148	65
Fuel Rate	gph		12.7	7.7	4.2	15.3	9.1	4.9	17.4	10.6	6.1
	L/h		48.2	29.1	16.0	58.0	34.3	18.7	65.8	40.0	23.2

### Turbocharged-Aftercooled

		322 hp (240 kW) Continuous			349 hp (260 kW) Medium-Duty Commercial			402 hp (300 kW) Light-Duty Commercial			
		rpm	1800	1500	1200	1800	1500	1200	2100	1800	1500
Shaft Power	hp		312	174	92	338	195	100	390	246	142
	kW		233	130	69	252	145	75	291	183	106
Fuel Rate	gph		16.2	9.1	5.3	17.6	10.2	5.7	20.5	13.0	7.9
	L/h		61.3	34.5	20.0	66.5	38.7	21.5	77.6	49.4	29.9

## Rating Definitions

### Continuous

For heavy-duty service where the engine is operated at rated load and speed without interruption or load cycling.

### Medium-Duty Commercial

For service where engine load and speed are constant with some cycling.

### Light-Duty Commercial

For service where engine load and speed are cyclical.

## Rating Conditions

Ratings are based on SAE J1349 standard conditions of 100 kPa (29.61 in Hg) and 25 °C (77 °F). These ratings also apply at ISO 3046/1, DIN 6271 and BS 5514 standard conditions of 100 kPa (29.61 in Hg), 27 °C (81 °F) and 60% relative humidity.

Shaft Power represents power requirements of a typical fixed pitch propeller and 97 percent of gross engine horsepower.

Fuel Rates are based on power requirements of a typical fixed pitch propeller and fuel oil having an HHV of 19,590 Btu/lb (45,570 kJ/kg) and weighing 7.076 lb/U.S. gal (848 g/liter).