

3116

REMANUFACTURED MARINE PROPULSION ENGINE (IMO I)

224 bkW (300 bhp) @ 2800 rpm

261 bkW (350 bhp) @ 2800 rpm



3116 Remanufactured
Marine Propulsion Engine (IMO I)

Image shown may not reflect actual engine.

ENGINE SPECIFICATIONS

Configuration

Inline-6, 4-stroke-cycle diesel

Emissions

IMO I
emissions level (2000-2010)

Rated Engine Speed

2800 rpm

Bore x Stroke

105 mm x 127 mm
4.13 in x 5.0 in

Displacement

6.6 Liter
402 cu in

Aspiration

Turbocharged-aftercooled
aspiration

Governor

Mechanical

Refill Capacity

Lube Oil System
25 L (6.6 gal)

Oil Change Interval

250 hrs

Cooling

Heat exchanger

Flywheel Housing

SAE No. 3 with SAE No. 3
flywheel (126 teeth)

Rotation

Counterclockwise rotation

STANDARD ENGINE EQUIPMENT

- Dry-type air intake
- Single-stage air cleaner with service indicator
- Watercooled exhaust manifold and turbocharger
- Auxiliary sea water pump
- Oil filler
- Oil dipstick
- Torsional vibration damper
- Heat exchanger and expansion tank
- Engine oil cooler
- Junction box and mount
- Wiring harness with associated sensors
- Flywheel

FEATURES AND BENEFITS

- Same-as-new performance
- Latest engineering advancements
- Parts stocked in appropriate locations around the world
- Remanufactured using only 100% Cat parts
- Priced at the level supporting OEM value
- Full Marine new engine warranty

TECHNICAL DATA

3116 Remanufactured Marine Propulsion Engine

PROP DEMAND FUEL CONSUMPTION

rpm	Brake Specific Fuel Consumption			
	bhp	gph	bkW	g/bkW-hr
2800	300	15.8	224.0	224.0
2600	240	12.2	179.3	216.8
2400	189	9.7	141.1	217.9
2200	146	7.5	108.7	219.7
2000	109	5.7	81.6	221.6
1800	80	4.2	59.5	225.3
1600	56	3.0	41.8	235.4
1400	38	2.3	28.0	257.9
1200	24	1.6	17.6	295.8

rpm	Brake Specific Fuel Consumption			
	bhp	gph	bkW	g/bkW-hr
2800	350	19.2	261.0	233.0
2600	280	14.3	209.0	218.0
2520	255	13.0	190.3	216.8
2400	220	11.3	164.4	217.9
2200	170	8.8	126.6	220.3
2000	128	6.7	95.1	222.5
1800	93	4.9	69.3	225.0
1600	65	3.5	48.7	230.6
1400	44	2.5	32.6	245.6
1200	27	1.8	20.5	273.1

DIMENSIONS & WEIGHT

	Length (1)	Height (2)	Width (3)	Engine dry weight
min.	65.5 in/1663 mm	33.8 in/860 mm	32.1 in/816 mm	1500 lb/681 kg
Note: Do not use these dimensions for installation design. See general dimension drawings for detail.				