

## 250 Diesel Engines and Generator Sets

Model	12V250	16V250	6L250	8L250
Number of cylinders	12	16	6	6
Stroke cycle	4	4	4	4
Cylinder arrangement	V	V	inline	inline
Bore	250 mm (9.8 in)	250 mm (9.8 in)	250 mm (9.8 in)	250 mm (9.8 in)
Stroke	320 mm (12.6 in)	320 mm (12.6 in)	320 mm (12.6 in)	320 mm (12.6 in)
Compression ratio	16.8:1	16.8:1	15.7:1	15.7:1
<b>Power Output at 900 rpm</b>				
Continuous	2726 bkW	3632 bkW	1498 bkW	1998 bkW
Prime	2998 bkW	3997 bkW	1,498 bkW	1998 bkW
Limited time running	3271	4358 bkW	1648	2198 bkW
Emergency standby	3543	4721	1798	2397
<b>Power Output at 1000rpm</b>				
Continuous	3028 bkW	4038 bkW	1664 bkW	2219 bkW
Prime	3330 bkW	4442 bkW	1664 bkW	2219 bkW
Limited time running	3633 bkW	4846 bkW	1831 bkW	2441 bkW
Emergency standby	3936 bkW	5249 bkW	1997 bkW	2663 bkW
<b>Engine Dimensions</b>				
Length	4,154 mm (164 in)	4,988 mm (196 in)	5,095 mm (200 in)	5,985 mm (235 in)
Width	1,708 mm (67 in)	1,708 mm (67 in)	2,032 mm (80 in)	2,032 mm (80 in)
Height w/ deep sump	2,832 mm (112 in)	2,917 mm (115 in)	3,363 mm (132 in)	3,363 mm (132 in)
Height w/ shallow sump	2,717 mm (107 in)	2,717 mm (107 in)	2,962 mm (116 in)	2,962 mm (116 in)
Crankshaft center line to deep sump	1,077 mm (42 in)	1,162 mm (46 in)	1,341 mm (53 in)	1,341 mm (53 in)
Crankshaft center line to shallow sump	962 mm (38 in)	962 mm (38 in)	940 mm (37 in)	940 mm (37 in)
Crankshaft center line to mounting feet	536 mm (21 in)	536 mm (21 in)	308 mm (12 in)	308 mm (12 in)
Exhaust diameter	610 mm (24 in)	610 mm (24 in)	457 mm (18 in)	457 mm (18 in)
Dry Weight	20,185 kg (44,500 lbs)	23,587 kg (52,000 lb)	15,909 (35,000 lbs)	19,090 (42,000 lbs)



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## 250 Marine Diesel Engines

	12V250	16V250
<b>Engine Data</b>		
Number of cylinders	12	16
Stroke cycle	4	4
Cylinder arrangement	V	V
Bore	250 mm (9.8 in)	250 mm (9.8 in)
Stroke	320 mm (12.6 in)	320 mm (12.6 in)
Compression ratio	16.8:1	16.8:1
<b>Power Output at 900 rpm</b>		
Continuous <sup>1</sup>	2726 kW (3655 hp)	3632 kW (4870 hp)
Maximum <sup>2</sup>	2998 kW (4020 hp)	3997 kW (5360 hp)
<b>Power Output at 1000rpm</b>		
Continuous <sup>1</sup>	3028 kW (4060 hp)	4038 kW (5415 hp)
Maximum <sup>2</sup>	3330 kW (4465 hp)	4441 kW (5955 hp)
<b>Power Output at 1050 rpm</b>		
Continuous <sup>1</sup>	3180 kW (4265 hp)	4239 kW (5685 hp)
Maximum <sup>2</sup>	3497 kW (4690 hp)	4661 kW (6250 hp)
<b>Engine Dimensions</b>		
Length	4154 mm (164 in)	4988 mm (196 in)
Width	1708 mm (67 in)	1708 mm (67 in)
Height w/ deep sump	2832 mm (112 in)	2917 mm (115 in)
Height w/ shallow sump	2717 mm (107 in)	2717 mm (107 in)
Crankshaft center line to deep sump	1077 mm (42 in)	1162 mm (46 in)
Crankshaft center line to shallow sump	962 mm (38 in)	962 mm (38 in)
Crankshaft center line to mounting feet	536 mm (21 in)	536 mm (21 in)
Exhaust diameter	610 mm (24 in)	610 mm (24 in)
Dry Weight	20,185 kg (44,500 lbs)	23,587 kg (52,000 lb)



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