

Output Selection List for MITSUBISHI 6D16 and 6D24 Engines

Engine model		6D16	6D16T	6D24	6D24T	6D24TC
Type		4 cycle, watercooled, 6 cylinder in line, direct fuel				
Bore x stroke	mm	118 x 115		130 x 150		
Piston displacement	litre	7.545		11.945		
Min. fuel consumption	g/kW/hr	224	220	217	217	213
Type of fuel		light diesel fuel ASTM no 2D, or Marine Diesel Fuel				
Total lub oil volume	litre	13.5		37		
Total cooling water volume, engine only	litre	13		22		
Startermotor capacity	V - kW	24 - 5,0		24 - 5,5		
Alternator capacity	V - Amp	24 - 35		24 - 35		
Main dimensions	Length	1343	1345	1337	1337	1349
	Width	766	778	881	881	881
	Height	943	978	1070	1169	1209
Net weight	kg	510	560	950	980	1000

Output selection

Propulsion use light duty	kW @ rpm	120 @ 2800	154 @ 2800	158 @ 2200	212 @ 2200	238 @ 2200
Propulsion medium duty	kW @ rpm	108 @ 2700	138 @ 2700	142 @ 2100	190 @ 2100	215 @ 2100
Propulsion heavy duty	kW @ rpm	96 @ 2600	123 @ 2600	126 @ 2000	170 @ 2000	190 @ 2000

engine output excluding fan / fan loss

Generator drive, prime power use	kW @ 1500	65 / 1	106 / 2	114 / 2	168 / 4	185 / 4
	kW @ 1800	77 / 2	122 / 2	134 / 4	195 / 8	218 / 8
Generator drive, stand by use	kW @ 1500	71 / 1	117 / 2	125 / 2	185 / 4	204 / 4
	kW @ 1800	85 / 2	135 / 2	147 / 4	214 / 8	240 / 8
General power and industrial use	kW @ 1200	55	74	81	116	127
	kW @ 1500	70	95	103	149	165
	kW @ 1800	82	111	124	173	188
	kW @ 2000	89	116	131	182	200
	kW @ 2200	97	126	136	188	208
	kW @ 2500	99	132			
	kW @ 2800	103	135			

Rating information

Propulsion use	Light duty	This rating is intended for use under variable load applications and maximum for 1 hour per every 24 hours. The average load shall not exceed the heavy duty rating.
	Medium duty	Medium duty rating is intended for use in application where the average load does not exceed the heavy duty
	Heavy duty	Heavy duty rating is intended for 24 hours continuous running without load changing and uninterrupted service.
Generator use		Output is available under variable load conditions. 10% overload is available for 1 hour per 12 hours
General power use		To be used for continuous heavy load applications, such as pumpdrive. 10% overload available for 1 hour per 12

The general scope of supply of the 6D series of engines, is comprising:

- fuel feed pump, full-flow fuel filter, Bosch type fuel injection pump with mechanical governor, fuel injection lines,
- lub oil system, oil pan, gear driven lub oil pump, full-flow lub oil filter, oil cooler, integrated lubrication of all
- cooling water pump, V-belt driven, thermostats, by pass pipe.
- 24 Volts electric startermotor, alternator 40 Amps, stopsolenoid energized to stop
- inlet air manifold with air cleaner
- dry type exhaust manifold with vertical outlet, counter flange
- flywheel and housing according to SAE standard, SAE 11 1/2" and SAE 3 for the 6D1, and SAE 14 and 1 for the
- mounting brackets front and rear
- torsional vibration damper
- parts catalogue and maintenance manual