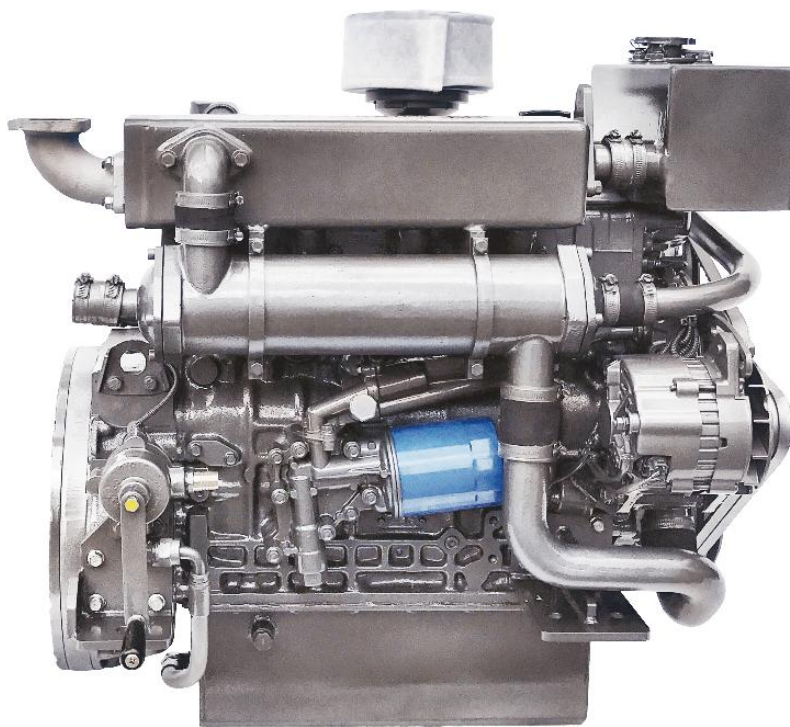


M-series

70~140PS [51~103kW] acc. to ISO 3046



* This image can be different somewhat according to the engine model.

Specifications

Engine type	M70	M100	M140
Engine Duty Rating	Heavy Duty (S1)	Heavy Duty (S1)	Heavy Duty (S1)
Configuration	4-Stroke, Fresh Water Cooling		
Output [PS (kW)]	70 (51)	100 (74)	140 (103)
rpm @ full load	2,700	2,700	2,800
Displacement [cc]	3,568	3,298	3,907
Cylinders	In-line 4		
Bore x Stroke [mm]	104 X 105	100 X 105	104 X 115
Compression Ratio	18.0 : 1	16.5 : 1	16.5 : 1
Injection System	Direct Injectors (DI), Bosch Type		
Starting System	DC 24V Electric Starting System, 5kW		
Governor	RSV		
Cooling System	Heat Exchanger		Heat Exchanger & Intercooler
Aspiration	NA	TC	TCI
Engine Oil Capacity [L]	8.2	8.2	14.0
Cooling Water Capacity [L]	18		20
Thermostat Opening Temp. [°C]	71		
Flywheel Housing	SAE#4		
Dry Weight [kg]	360	368	380
Alternator	24V-50A		24V-40A

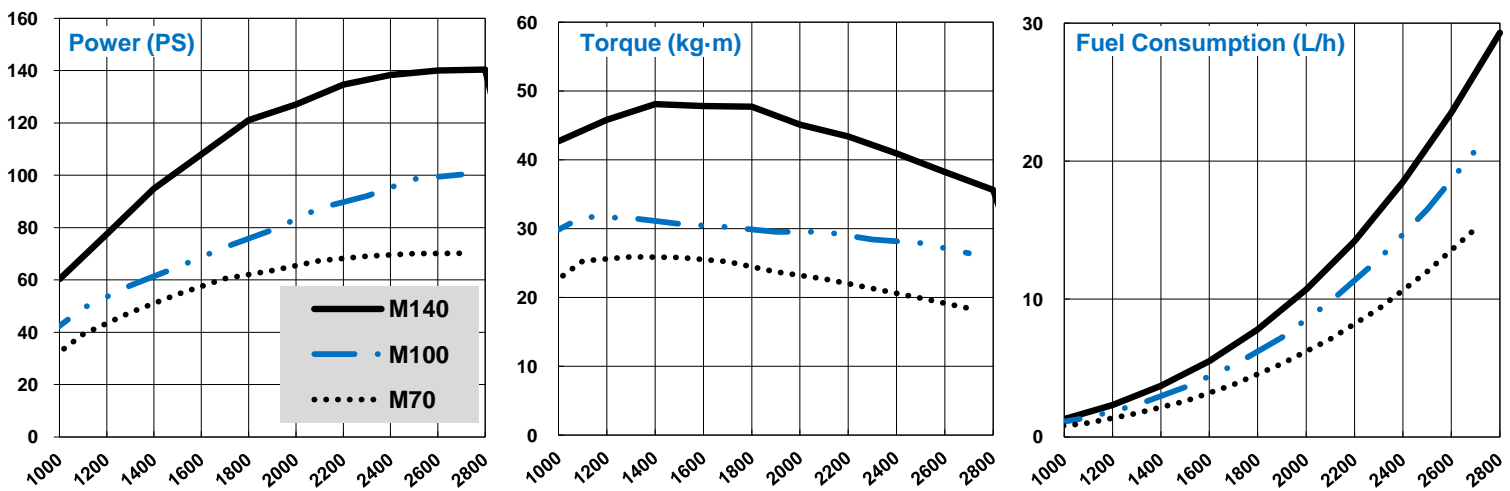
70~140hp [51~103kW] acc. to ISO 3046

M-Series

Transmission

MODEL	DISP.	PS * RPM	MODEL	Gear Ratio
	(LITER)			
M70	3.6	(70PS*2700RPM)	DMT25AL	1.64, 2.07, 2.52, 2.96, 3.32
M70	3.6	(70PS*2700RPM)	TK190	1.62, 2.03, 2.50, 2.79, 2.15
M100	3.3	(100PS*2700RPM)	DMT25AL	1.64, 2.07, 2.52, 2.96, 3.32
M100	3.3	(100PS*2700RPM)	TK190	1.62, 2.03, 2.50, 2.79, 2.15
M140	3.9	(140PS*2800RPM)	DMT50A	1.61, 2.06, 2.45, 2.82, 3.12, 3.46
M140	3.9	(140PS*2800RPM)	DMT100HL	4.07, 4.50, 4.95, 5.29, 5.95
M140	3.9	(140PS*2800RPM)	TK200	2.00, 2.50, 3.00

Performance Curve



Dimensions

