

SPECIFICATIONS

Model		6LYA-UTE			6LYA-STE						
Class		6LYA-UTE		6LYAM-UTE		6LYA-STE		6LYAM-STE			
Configuration		4-stroke, vertical, water cooled diesel engine									
Number of cylinders		6 in-line									
Bore × stroke		mm (in.)		100 × 110 (3.94 × 4.33)							
Displacement		lit. (cu.in.)		5.184 (316)							
Continuous rating output at flywheel		kW/rpm (hp/rpm)		191.2/3100 (260.0/3100)		213.3/3100 (290.0/3100)					
Maximum output at flywheel		kW/rpm (hp/rpm)		231.7/3300 (315.0/3300)		257.4/3300 (350.0/3300)					
Combustion system		Direct injection									
Aspiration		Turbocharged with intercooler									
Starting system		Electric starting (D.C. 12V, 2.5kW starting motor/12V, 80A Alternator)									
Cooling system		Fresh water cooling by centrifugal fresh water pump and rubber impeller seawater pump									
Lubrication system		Forced lubrication with gear pump									
Reduction and reversing gear	Model	KMH6A			—		KMH6A		—		
	Type	Hydraulic multifriction disc clutch			—		Hydraulic multifriction disc clutch		—		
	Reduction ratio (Ahead/Astern)	1.58/1.58	1.92/1.92	2.26/2.26	—		1.58/1.58	1.92/1.92	2.26/2.26	—	
	Propeller speed (Ahead) (at continuous rating)	rpm	2087	1718	1457	—		2087	1718	1457	—
Direction of rotation	Crankshaft	Counterclockwise viewed from stern									
	Propeller shaft	Bi-rotation (for marine gear KMH6A)			—		Bi-rotation (for marine gear KMH6A)		—		
Dry weight		kg (lbs)		612 (1349)		510 (1124)		612 (1349)		510 (1124)	

Rating condition: ISO-3046/1 [Note]: hp ≈ 0.7355kW