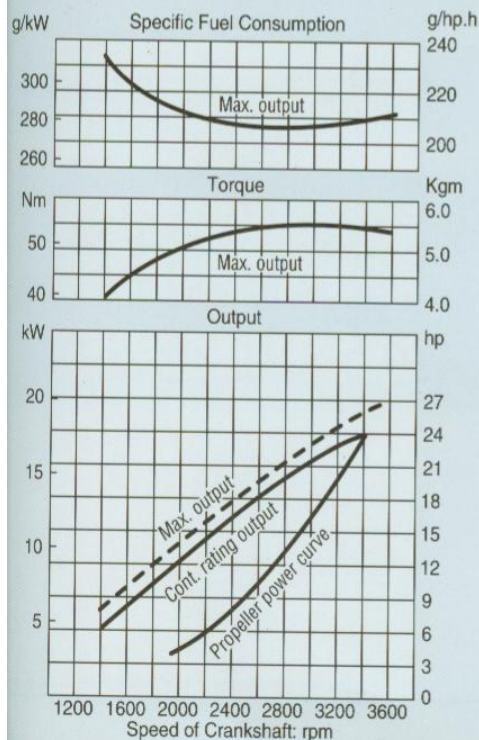


SPECIFICATIONS

Model		3GM30F					3GM30FV			
Class		3GM30F×KM2P		3GM30F×KM3P			3GM30FV×KM3V			
Configuration		4-stroke, in-line, water cooled diesel engine								
Number of cylinders		3								
Bore×stroke		mm(in.)		75×72(2.95×2.83)						
Displacement		lit.(cu.in.)		0.954(58.22)						
Continuous rating output at crankshaft		kW/rpm(hp/rpm)		17.7(24.1)/3400						
Maximum output at crankshaft		kW/rpm(hp/rpm)		20.1(27.3)/3600						
Combustion system		Special swirl type pre-combustion chamber								
Starting system		Electric with manual combination(D.C. 12V-1.0kW starting motor, 12V-55A alternator)								
Cooling system		Freshwater cooling with heat exchanger								
Lubrication system		Forced lubrication with trochoid pump								
Reduction and reversing gear	Model	KM2P		KM3P (Option)			KM3V (V-drive)			
	Type	Constant mesh gear with servo-cone clutch								
	Reduction ratio (Ahead/Astern)	2.21/3.06	2.62/3.06	2.36/3.16	2.61/3.16	3.20/3.16	2.36/3.16	2.61/3.16	3.20/3.16	
	Propeller speed at continuons rating (Ahead) rpm	1540	1298	1441	1303	1063	1441	1303	1063	
Direction of rotation	Crankshaft	Counterclockwise, viewed from stern					Clockwise, viewed from stern			
	Propeller shaft	Clockwise, viewed from stern								
Dry weight		kg(lbs)		137(302)		138(304)			147(323)	

Rating condition: ISO. 3046/1 Note:hp=0.7355kW

PERFORMANCE CURVES



Note:
1. Above data are measured at crankshaft and show the average performance as tested at our laboratory.
2. Power loss of the marine gears are as follows:
KM2P-3%, KM3P-3%, KM3V-4.5%,

DIMENSIONS Unit: mm(in.)

3GM30F(×KM2P)

