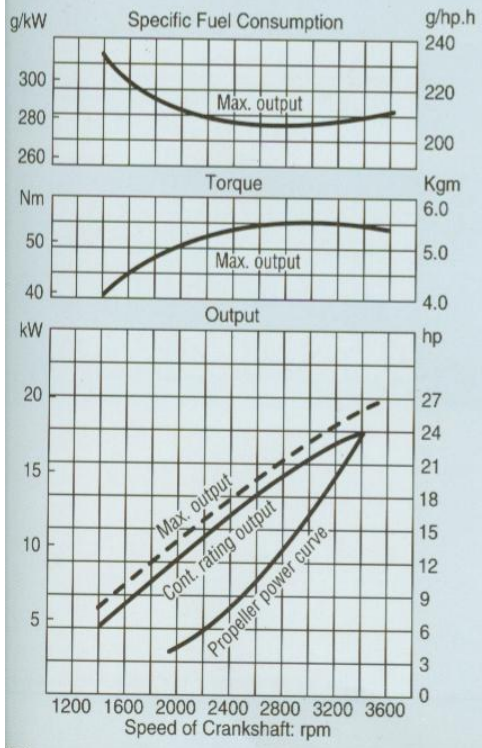
SPECIFICATIONS

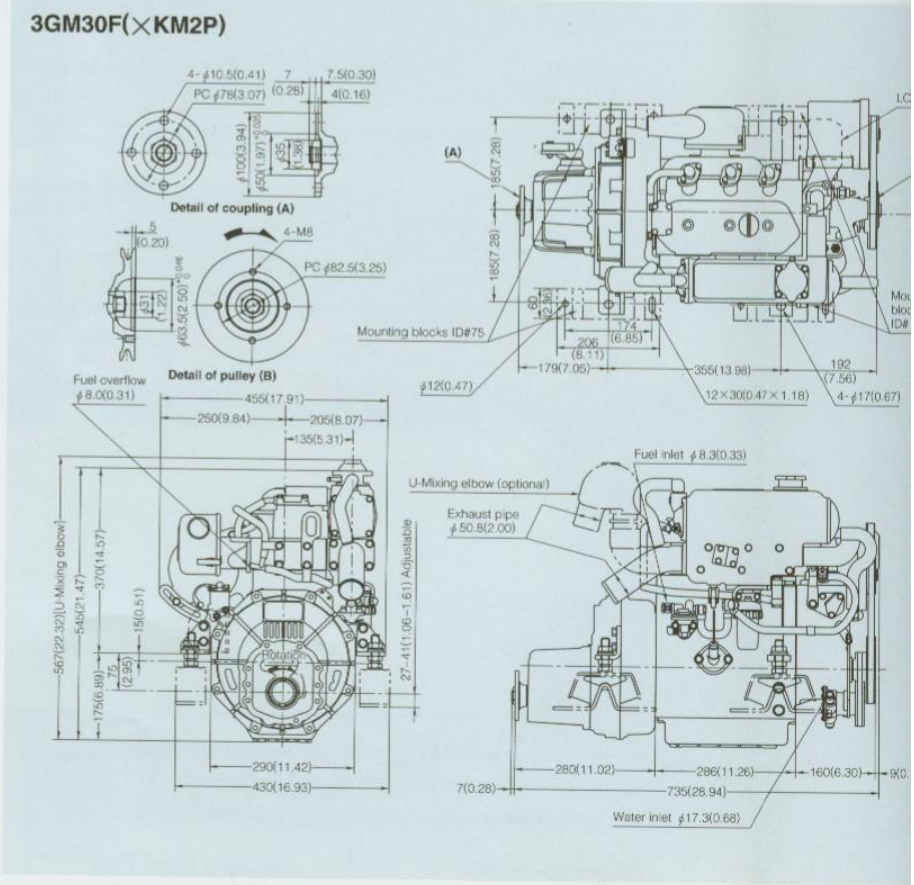
Model		3GM30F					3GM30FV		
Class		3GM30F×KM2P		3GM30F×KM3P			3GM30FV×KM3		
Configuration		4-stroke, in-line, water cooled diesel engine							
Number of cylinders		3							
Bore×stroke	mm(in.)	75×72(2.95×2.83)							
Displacement	lit.(cu.in.)	0.954(58.22)							
Continuous rating output at crankshaft	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 altern							
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	3.2
	Propeller speed at continuons rating (Ahead) rpm	1540	1298	1441	1303	1063	1441	1303	
Direction of rotation	Crankshaft	Counterclockwise, viewed from stern					Clockwise, viewed from		
	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)