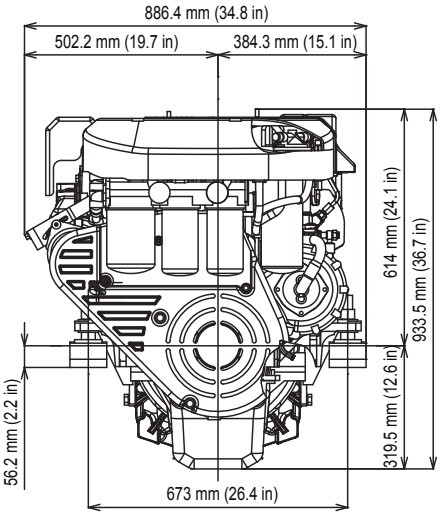
6CX-530 Series

Configuration	4-stroke, vertical, water cooled diesel engine	
Maximum output at crankshaft	* 390 kW@2900 rpm	[530 mhp@2900 rpm]
Continuous rating output at crankshaft	355 kW@2809 rpm	[482 mhp@2809 rpm]
Displacement	7.413 ltr	[452 cu in]
Bore x stroke	110 mm x 130 mm	[4.33 in x 5.12 in]
Cylinders	6 in-line	
Combustion system	Direct injection	
Aspiration	Dry turbocharger with water-cooled jacket, charge-air cooler	
Starting system	Electric starting 12V [24V = optional]	
Alternator	12V - 120A [24V - 60A = optional]	
Cooling system	Fresh water cooling by centrifugal fresh water pump and rubber impeller seawater pump	
Lubrication system	Enclosed, forced lubricating system	
Direction of rotation [crankshaft]	Counter clockwise viewed from flywheel side	
Dry weight without gear	837 kg	[1845 lb]
Environmental	EU: RCD	
	US: EPA Tier2	EMC
Engine mounting	Rubber type flexible mounting	

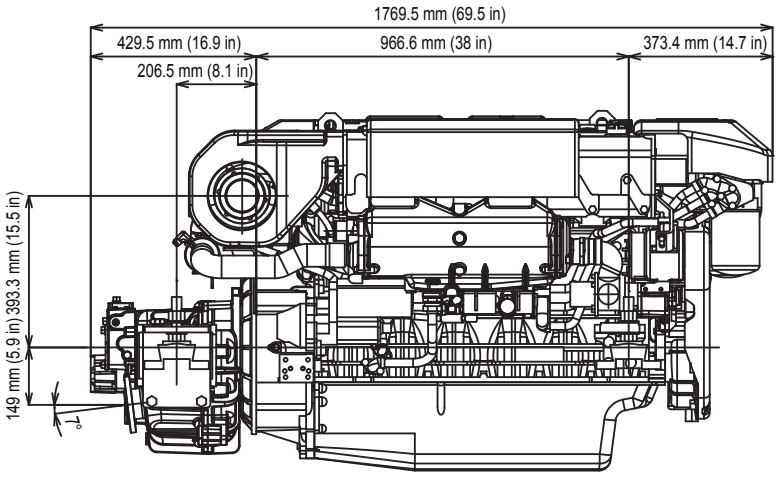
NOTE: Fuel condition: Density at 15°C = 0.84 g/cm^3
* Fuel temperature 40°C at the inlet of the fuel injection pump [ISO 8665: 2006]

DIMENSIONS [UNIT: MM]

Front view with gearbox KMH70A

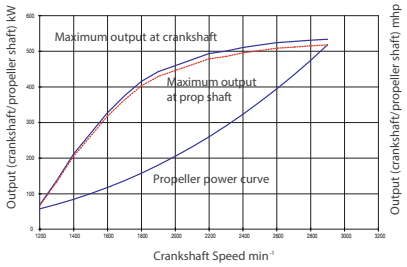


Right side view with gearbox KMH70A

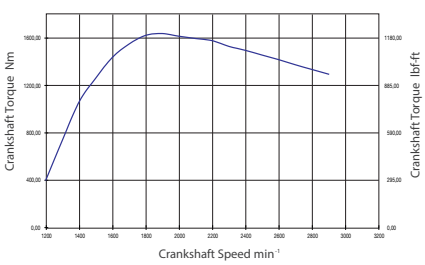


PERFORMANCE CURVES

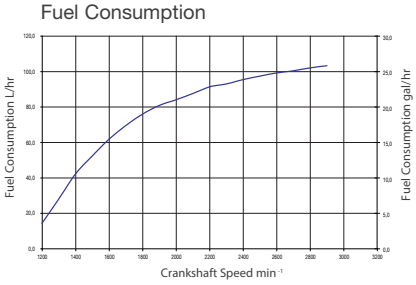
Power



Torque



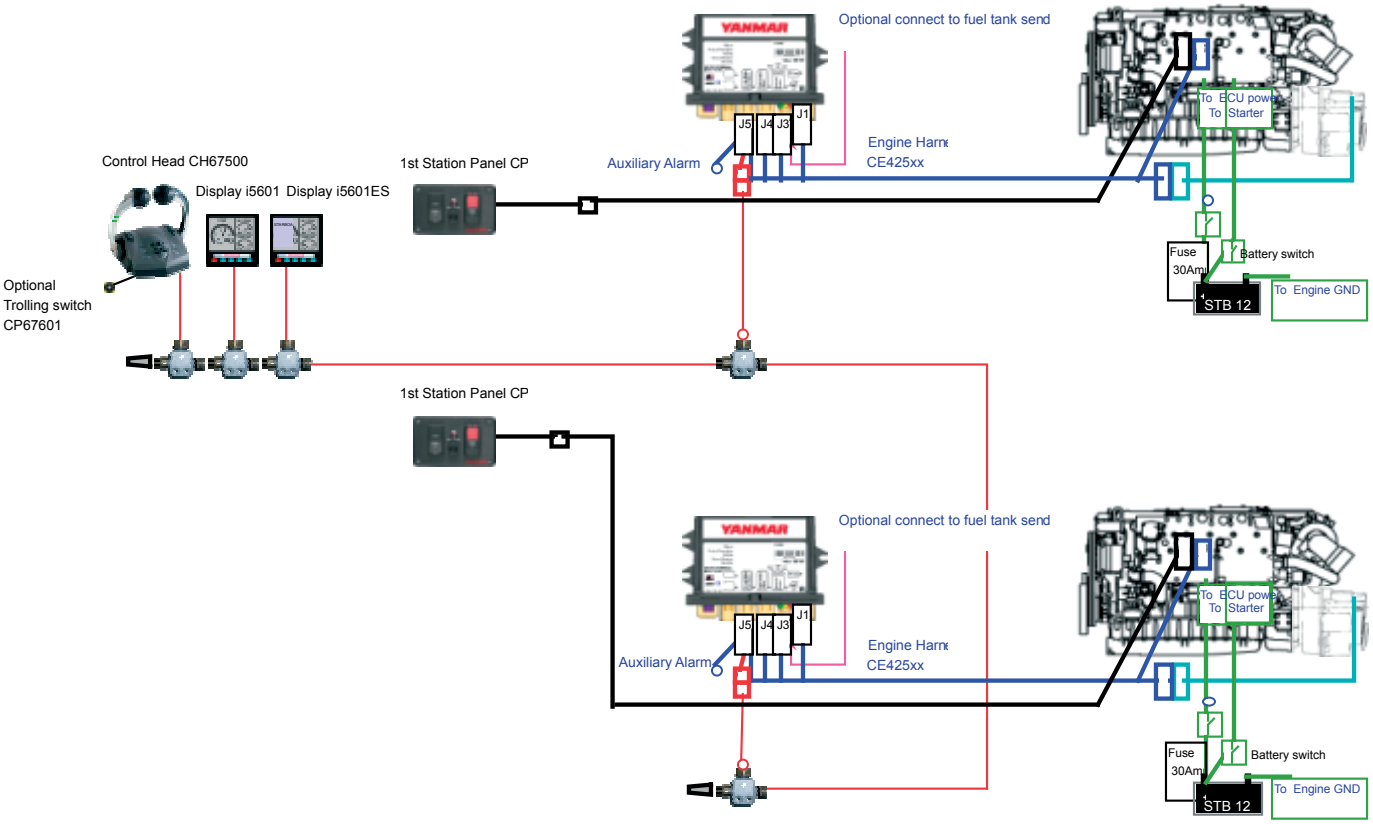
Fuel Consumption



MARINE GEARS SPECIFICATIONS

Model	KMH70A			
Type	Hydraulic multi-disc clutch			
Dry Weight	77 kg			
Reduction Ratio [Ahead]	2.56	2.07	1.57	1.23
Propeller speed [@2900 rpm]	1133	1401	1847	2358
Dry weight engine and gear/drive	914 kg [2015 lb]			

NMEA2000 CONTROL SYSTEM



ACCESORIES

Optional accesories

- Flexible mounts
- NMEA2000 Control heads
- NMEA2000 Display and Gauges
- 24V System

NOTE: All data subject to change without notice. Text and illustrations are not binding.