



6CXBM-GT Series

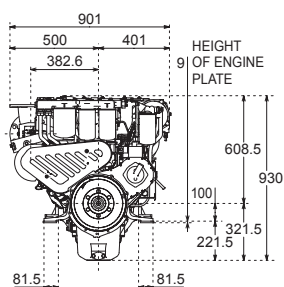
MORE POWER LESS FUEL | IMO Tier II Compliant | Mechanical Engine Control | SOLAS Option

Configuration	4-cycle, Vertical, Turbo-charged intercooled diesel engine	
Maximum output at crankshaft	S: 374 kW@2700 rpm	[509 mhp@2700 rpm]
	L: 341 kW@2700 rpm	[464 mhp@ 2700 rpm]
	M: 294 kW@2500 rpm	[400 mhp@2500 rpm]
	H: 265 kW@2400 rpm	[360 mhp@2400 rpm]
Displacement	7.413 ltr	
Bore x stroke	110 mm x 130 mm	
Cylinders	6 in-line	
Combustion system	Direct injection	
Starting system	Electric starting motor [DC 24V - 5 kW]	
Flywheel housing size	SAE #3 and 11 - 1/2 inch	
Cooling system	With Heat exchanger	
Cooling fresh water capacity	40.5 ltr + 3.4 ltr [reservoir tank]	
Lubrication system	Forced lubrication with gear pump	
Lubricating oil capacity	33 ltr [standard sump] / 22 ltr [shallow sump]	
Lubricating oil grade	SAE15W-40	
Direction of rotation [crankshaft]	Counterclockwise viewed from stern	
Dry weight without gear	856 kg	
Environmental	IMO Tier II	
Fuel consumption [at rated output]	S: 212 gr/kW hr	L: 211 gr/kW hr
	M: 210 gr/kW hr	H: 209 gr/kW hr

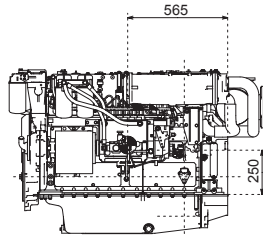
DIMENSIONS [UNIT: MM]

S/L-rating

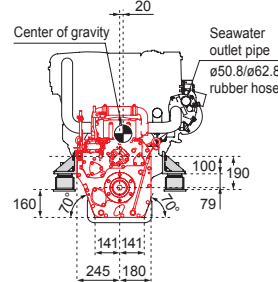
Front view, engine only



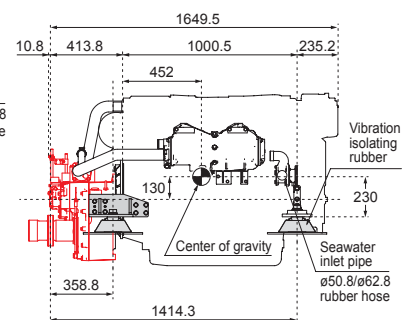
Left side view, engine only



Rear view with gearbox YX75

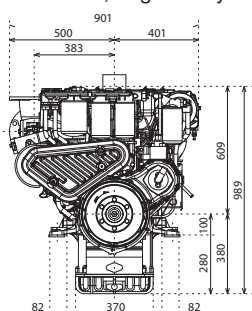


Right side view with gearbox YX75

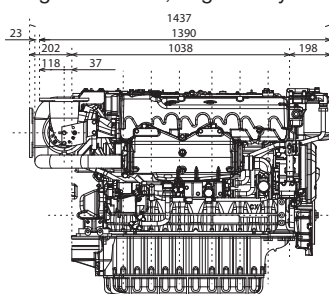


M/H-rating

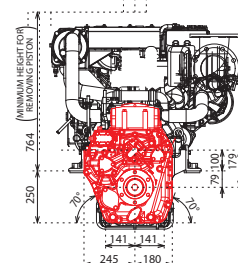
Front view, engine only



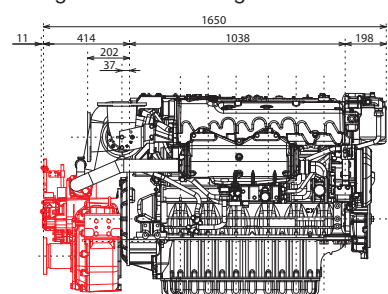
Right side view, engine only



Rear view with gearbox YX75

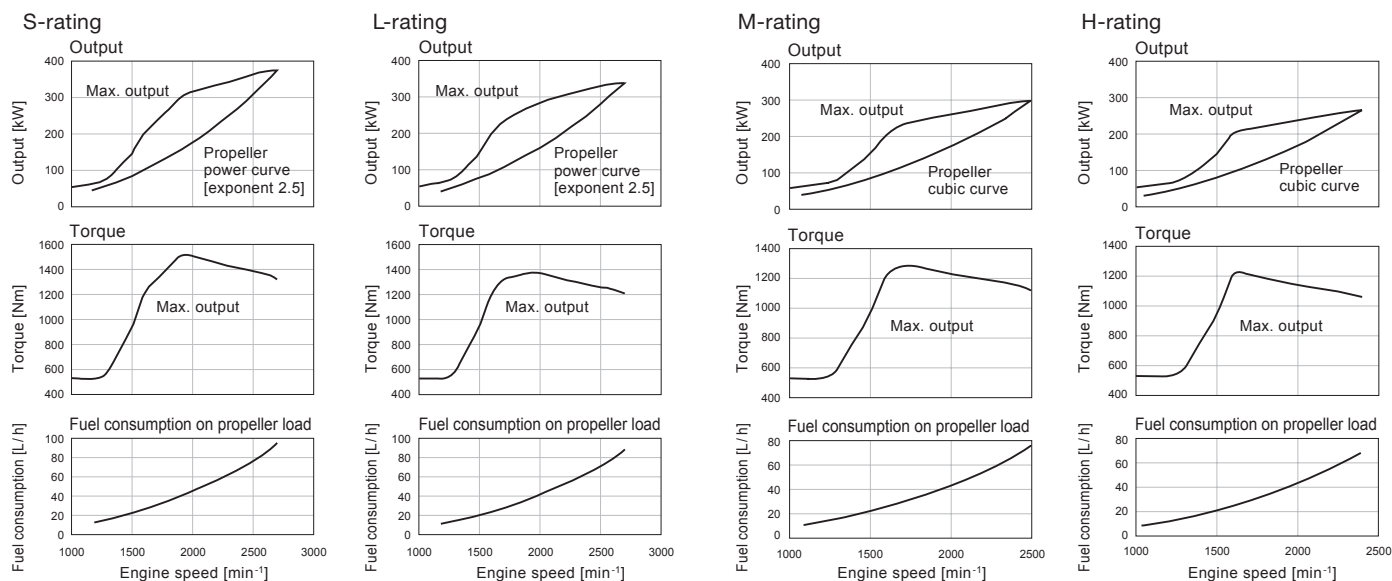


Right side view with gearbox YX75





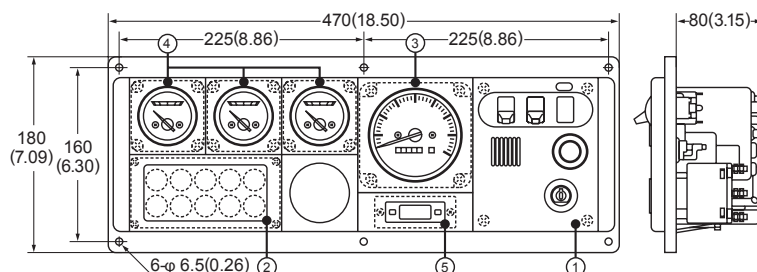
PERFORMANCE CURVES



MARINE GEARS SPECIFICATIONS

Model	YX-75			YXH2-130 [2 SPEED TYPE]		
Type	Hydraulic multi-disc clutch, wet type					
Dry Weight	204 kg			320 kg		
Reduction Ratio [Ahead]	2.07	2.58	2.91	2.03/2.62	2.57/3.35	3 .04/4.00
Direction of rotation [propeller shaft]	Clockwise or counter-clockwise viewed from stern			Counter-clockwise viewed from stern		

INSTRUMENT PANEL D-TYPE [UNIT: MM]

**1 Switch unit**

- Key switch
- Alarm buzzer
- Alarm buzzer stop switch
- Illumination switch

2 Alarm lamp unit with Alarm monitor device

- Battery not charging
- C.W. high temp.
- L.O. low pressure
- Clutch oil pressure
- L.O. filter clogged
- C.W.level

3 Tachometer unit

- Tachometer with hour meter

4 Sub meter unit

- L.O. pressure meter
- C.W. temp. meter
- Boost meter [Turbo]

5 Clock unit

- Clock

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