

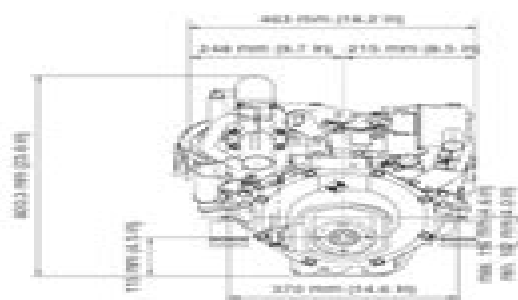
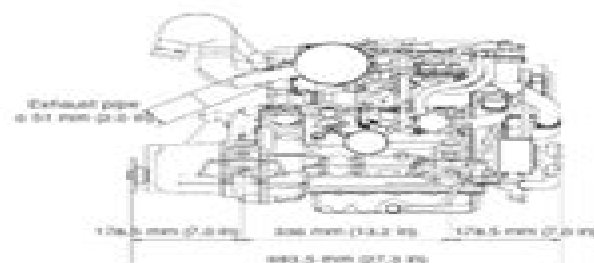


3YM20 Series

Configuration	4-stroke, vertical, water-cooled diesel engine		
Maximum output at crankshaft	~ 15.3 kW@3600 rpm	[21 mhp@3600 rpm]	
Displacement	0.654 ltr	[52.1 cu in]	
Bore x stroke	70 mm x 74 mm	[2.8 in x 2.9 in]	
Cylinders	3		
Combustion system	Indirect injection		
Aspiration	Natural aspiration		
Starting system	Electric starting 12V - 1.4 kW		
Alternator	12V - 125A		
Cooling system	Fresh water cooling with heat exchanger		
Lubrication system	Enclosed, forced lubricating system		
Direction of rotation (crankshaft)	Counterclockwise viewed from flywheel side		
Dry weight without gear	110 kg	[243 lbs]	
Environmental	EU: RCD	BSO II	EMC
	US: EPA Tier3		
Engine mounting	Rubber type flexible mounting		

NOTE:

Fuel condition: Density at 15°C = 0.84 g/cm³; 1 kW = 1.3596 mhp = 1.3410 HP
 * Fuel temperature 40°C at the inlet of the fuel injection pump (ISO 8665:2006)
 Technical data is according to ISO 8665:2006/3045-1

DIMENSIONS
Rear view

Right side view


3YM20 with KMOP-1 marine gear

Yanmar Manual 3ym20

Brian Smothers



Yanmar Manual 3ym20:

Yanmar Marine Diesel Engine 3YM30/3YM20/2YM15 N N,2012-05 Complete Service Handbook and Workshop Manual for the Yanmar Marine Diesel Engines 3YM30 3YM20 and 2YM15 **YANMAR MARINE DIESEL ENGINE 3YM30/3YM20/2YM15** Albin,2014-03-03 **Programmverzeichnis** Maritimepress,2012-05 Aktuelles Gesamtverzeichnis des Verlagsprogramms Stand Mai 2012 Unter dem Link Leseprobe kann das Gesamtverzeichnis als PDF Datei heruntergeladen werden **Yanmar: I&t Shop Manual - Models Ym135, Ym135D, Ym155, Ym155D, Ym195, Ym195D, Ym240, Ym240D, Ym 330, Ym330D** Penton Staff,2000-05-24 Diesel Models YM135 YM135D YM155 YM155D YM195 YM195D YM240 YM240D YM330 YM330D **Yanmar Diesel Inboard Engines 1980-2009** Penton Staff,2000-05-24 1GM 1980 1983 1GM10 1983 2009 2GM 1980 1983 2GMF 1980 1983 2GM20 1983 2005 2GM20F 1983 2005 3GM 1980 1983 3GMF 1980 1983 3GMD 1980 1983 3GM30 1983 2005 3GM30F 1983 2005 3HM 1980 1983

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