



MARINE DIESEL ENGINES

3YM30AE Series

			4-stroke, vertical, water-cooled diesel engine		
Maximum output at crankshaft * 21	1.3 kW@3200 rpm	[29.1 mhp@3200 rpm]			
Displacement 1.26	266 L	[77 cu in]			
Bore x stroke 80 r	mm x 84 mm	[3.1 in x 3.3 in]			
Cylinders In-li	In-line				
Combustion system Indi	Indirect injection				
Aspiration Nat	Natural aspiration				
Starting system Elec	Electric starting 12V - 1.4 kW				
Alternator 12V	12V - 125A				
Cooling system Fres	Fresh water cooling with heat exchanger				
Lubrication system Enc	Enclosed, forced lubricating system				
Direction of rotation [crankshaft] Cou	Counterclockwise viewed from stern				
Dry weight without gear 127	7 kg	[280 lbs]			
Emission compliance EU:	J: RCD 2	BSO II	EMC		
US:	S: EPA Tier 3				
Engine mounting Rub	Rubber type flexible mounting				

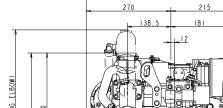
NOTE:

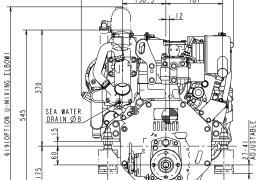
Fuel condition: Density at 15° C = 0.84 g/cm³; 1 kW = 1.3596 mhp = 1.3410 HP

Technical data is according to ISO 8665: 2006

DIMENSIONS

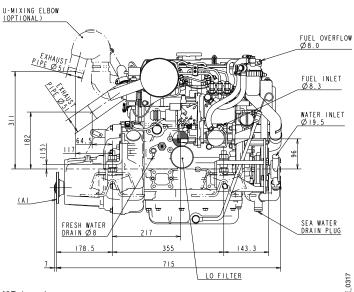
Rear view





370 mm (14.6 in)

Right side view



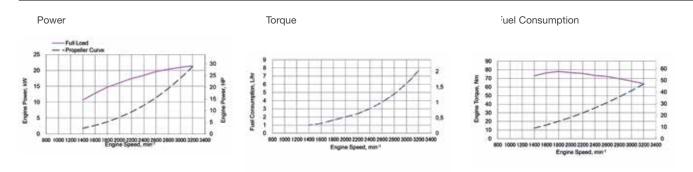
3YM30AE with KM2P-1 marine gear

^{*} Fuel temperature 40°C at the inlet of the fuel injection pump [ISO 8665:2006]



YANMAR

PERFORMANCE CURVES

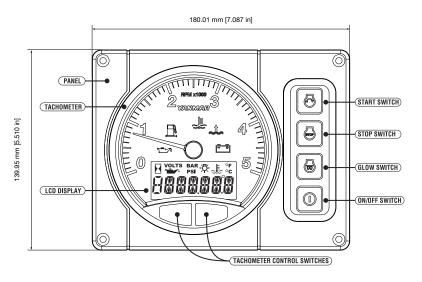


MARINE GEARS / DRIVE*

Model		KM2P-1 (parallel)	Saildrive [SD25]		
Туре	N	Mechanical cone clutch	Constant mesh gear with dog clutch		
Dry weight		9.8 kg [22 lbs]	30 kg [66 lbs]		
Reduction Ratio [fwd/rev]	2.21/3.06	2.62/3.06	3.22/3.06	2.64/2.64	
Propeller speed [fwd/rev]	1629/1176	1374/1176	1118/1176	1212/1212	
Direction of rotation		Claslavias		Counterela elevia e	
(viewed from stern)		Clockwise		Counterclockwise	
Dry weight - engine & gear		137 kg [302 lbs]	157 kg [346 lbs]		
Length engine and gear/drive		715 mm [28 in]	899 mm [35 in]		

^{*} Other marine gearboxes and configurations available upon request. Contact your local supplier for more information

INSTRUMENT PANELS



B20-panel

ACCESSORIES

Standard engine package

- · Set of flexible mounts
- Exhaust mixing elbow [L-type]
- · Belt safety cover
- Expansion tank for fresh water cooling system
- Alternator 12V 125A
- Electric stop solenoid
- Operation manual
- Sensor for instrument panel
- B20-panel

Optional accessories

- Extension wire harness [4m, 6m, 10m]
- High riser mixing elbow [instead of L-elbow]
- Hot water kit with cocks
- Dual Harness (For 2nd Station)
- Propeller cone nut kit SD25

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