

DAFTAR PUSTAKA

Teguh Sastrodiwongso, Ir. MSE. *Propulsi Kapal dan Tahan Kapal*. Jakarta : Fakultas Teknologi Kelautan Universitas Darma Persada, 1992.

Teguh Sastrodiwongso, Ir. MSE. *Hambatan Kapal Dan Daya Mesin Penggerak*. Jakarta : Fakultas Teknologi Kelautan Universitas Darma Persada, 1992.

Soekarsono N.A. *Sistim dan Perlengkapan Kapal*. Jakarta ; PT. Pamator Pressindo, 1995.

Biro Klasifikasi Indonesia, *Rules For The Classification And Construction Of Seagoing Steel Ships 2006*, Jakarta 2006.

Ir. Iswadi Nur, MT. *Diktat Kontruksi Kapal 1 dan 2* ; Jakarta Fakultas Teknik Universitas Pembangunan Nasional “Veteran” Jakarta. 2009

Ir. Iswadi Nur, MT. *Diktat Tugas Perancangan Kapal 1 dan 2* ; Jakarta Fakultas Teknik Universitas Pembangunan Nasional “Veteran” Jakarta. 2009

Soekarsono N. A. *Teori Bangunan Kapal* : Jakarta Fakultas Teknologi Kelautan Universitas Darma Persada Desember 1986

www.dephub.go.id

www.asdp.go.id

www.google.com

www.wikipedia.com

www.yanmar.com

Yanmar N330 Series 2207kw-3310kw Marine Diesel Engine



Type	6N330-UN	6N330-SN	6N330-EN	8N330-UN	8N330-SN	8N330-EN
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Basic Info.

Model NO.	:N330
Fuel	:Diesel Engine
Key Words	:Engine for Boat
Cylinder	:6/8
Export Markets	:Global

Additional Info.

Trademark	:AVESPEED
Packing	:Woodcase
Standard	:CE ISO9001

Origin:China

Product Description

Yanmar N330 Series 2207kw-3310kw Marine Diesel Engine

Engine Parameter:

MCR Power	: 3310~4045kW (4500~5500 HP)
Engine Type	: 4-Stroke, Direct Injection, Turbocharged, Intercooled
Cylinder Numbers	: Inline 6, 8
BorexStroke	: 330x450mm
Engine Rev.	: 600~650rpm
Compress Ratio	: 13.5: 1
BMEP	: 17.7Bar~24.1Bar
Fuel Consumption	: 186+5%g/KW. H
Lube Oil Consumption	: 0.8+20% g/KW. H
NOx Emission	: Tier II D2: 8.17g/kWh / E3: 8.66g/kWh;
Piston Lifting Height	: 2400 mm over crankshaft
Engine Main Model:	

Characteristics:

1. Meet with : ISO3046, ISO8178
2. Main application : Ocean fishing vessels, tugboats/oil tankers, container ships, passenger and cargo ships, engineering vessels
3. Low fuel consumption, high capacity of loading, reliable running, convenient operation, HFO capability

Rated power	2207(3000)	24277(330)	2574(3500)	2942(4000)	3163(4300)	3310(4500)
model	four-stroke, direct injection, turbo charge , water-cooling					
Number of cylinder	6			8		
Cylinder diameter/piston stroke(mm)	330/440					
Compression ratio	13.5					
Mean piston speed(m/s)	9.09					
Rated rotational speed(r/min)	620					
Average efficient pressure Mpa(kgf/cm ²)	1.892 (19.29)	2.081(21.22)	2.206(22.50)	1.892(19.29)	2.081(21.22)	2.206(22.50)
Fuel consumption rate g/kW.h(g/PS.H)	190(140)+3%					
Lube oil consumption rate g/kW.h(g/PS.H)	1.1(0.8)					
Starting mode	Manual operation or automatic					
Height of piston above the crankshaft(mm)	3223					

