

NISSAN DIESEL

MARINE ENGINE

GENERAL AND FISHING BOATS
GENERAL PURPOSE BOATS

FISHING BOATS
FISHING BOATS

FD-170-DE



NISSAN DIESEL MARINE ENGINE SERIES



PE6TA

Rated shaft HP

270ps

*with **PE** technology
and **PE** bearings*

FD35TA

Rated shaft HP

130ps

*with **PE** technology
and **PE** bearings*



Specifications	Configuration	PE6TA Max Motorpower (200/230/380V)	PE6TA Max Motorpower (400/480V)	FD35TA Max Motorpower (400/480V)
Type		4 Pole, 200/230/380/480V, 50/60Hz, 3-Phase		
Asynchronous / Synchronous	yes	Asynchronous / Synchronous	Asynchronous / Synchronous	Asynchronous / Synchronous
Rated speed (rpm)		1450	1450	1450
Installation type		F.T.S	F.T.S	F.T.S
Rated output (kW)	PE6TA	125/135	130/140	125/130
Full load motorpower	PE6TA	145/155	150/160	145/150
Full load motorpower (kW)	FD35TA	60	60	60
Rated torque (N·m/ft·lb)	PE6TA	8.58 / 6.32 / 5.96	8.86 / 6.49 / 5.96	8.58 / 6.32 / 5.96
Rated torque (N·m/ft·lb)	FD35TA	60	60	60
Max. motor torque (N·m/ft·lb)		100	100	100
Motor efficiency (IEC)		Efficiency class IE2 (IEC)		
Energy grade		Energy grade B		
IEC class		High speed motor class 2 (IEC)		
Installation		IAT (inverter) motor type		
IEC class		IEC class 2 (inverter) motor type		
IEC class		IEC class 2 (inverter) motor type		
IEC class		IEC class 2	IEC class 2	IEC class 2
Motor power factor		0.85 (at full load)		
Rated torque (N·m/ft·lb)		8.58 / 6.32 / 5.96	8.86 / 6.49 / 5.96	8.58 / 6.32 / 5.96
Efficiency		82%	82%	82%
Power		8.5 / 6.3	8.8 / 6.4	8.5 / 6.3
Max. motorpower		Motorpower class		
Rated output (kW)		10 (output)		
Rated torque (N·m/ft·lb)		100 (output)		
Rated output (kW)	PE6TA	10 (output)		10 (output)
Rated torque (N·m/ft·lb)	PE6TA	100 (output)		100 (output)
Rated torque (N·m/ft·lb)	FD35TA	100 (output)		100 (output)
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► In order the product requirements may be checked at various specifications when in charge without extra.

NISSAN DIESEL MARINE ENGINES

The power you need
for the pleasure you seek

FEATURES

Powerful, lightweight, economical

The new Nissan Marine Series Engines were developed based on a highly successful automobile engine design. They are a low weight-to-HP ratio, low fuel consumption and high performance.

Easy installation

Compact and rational design make all Nissan Diesel Marine engines light weight and easy to install in any type of boat.

Excellent reliability

Rubber lining is eliminated as much as possible from the fresh water cooling system. Also, oil and water pumps feature direct gear drive to ensure very high reliability.

Maintenance free

Major parts, including injection pump and water pump are fully-lubricated to eliminate maintenance requirements.

ACCESSORIES

Standard equipment	Options	
Instrument panel, wire harness	Engine mount/bracket	Die pump
	Belt and nuts for engine mounting plate	Electric stop pump
	Engine stop wire	Fuel kit
	Exhaust valve	
	Battery switch	
	Start wire kit	

