

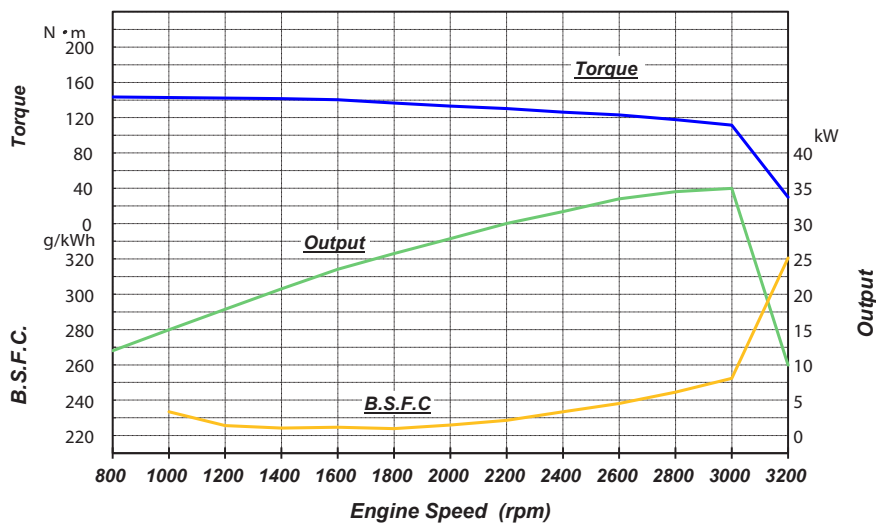


NET INTERMITTENT POWER Potencia Neta Intermitente	47.5 hp 35.0 kW
RATED SPEED Velocidad de Regimen	3000 RPM

4TNV88-BDSA

SPECIFICATION Especificacion	BDSA
CYLINDERS Cilindros	4
BORE X STROKE Diámetro x Carrera	3.4 X 3.5 (in) 88 X 90 (mm)
DISPLACEMENT Cilindrada	133.6 (ci) 2190 (cc)

Dimensions & Performance Data & Quick Specs	Length / Longitud	28.58 in (726 mm)
	Width / Ancho	20.43 in (519 mm)
	Height / Altura	26.06 in (662 mm)
	Dry Weight / Peso en seco	363 lbs / 165 kg



COMBUSTION TYPE

Tipo de Combustion

Direct Injection
Inyeccion Directa

ASPIRATION

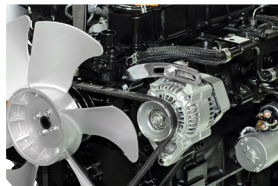
Aspiracion

Naturally Aspirated
Aspiracion Natural

GOVERNOR TYPE

Tipo de Gobernador

Mechanical
Mecanico



Reliable & Durable

The TNV engines now proudly take up the running as Yanmar's premium small industrial diesel. They offer even more enhanced durability due to better block cooling, a stiffer crank and pistons, finer tolerance in the journal and more. CAE analysis has brought lower vibrations and higher strength to the mounting structure for even better reliability in heavy-duty jobs.



Clean Emissions

Building off the proven TNE design, Yanmar has achieved superior exhaust emissions by improving the combustion chamber and fuel injection equipment design. Engines are compliant with Interim Tier 4 and EU stage III A exhaust emissions regulations.



Fuel Delivery and Economy

A newly designed, Distributor-Type MP2 Fuel Injection Pump is utilized to assure more precise fuel delivery and control. The result is reduced emissions, improved performance over a wide range of applications and increased fuel economy which assures that Yanmar's reputation for superior starting characteristics continues.

Lubrication System

7.4L Capacity Deep Oil Pan

Electrical System

12V, 40 Amp Alternator

Fuel System

Distributor-Type MP2 Fuel Injection Pump

Cooling System

Water Pump, Belt Driven

Power Take Off

FWH-SAE #5 t=124
FW-SAE 7.5" CMP