

4TN107

New 4.6 liter, EU Stage V compliant, charged air cooler, two stage turbocharged, common rail engine peaks at **155kW** while developing a staggering **805Nm** of torque.

SINGLE TURBO

90kW / 1,800min⁻¹ **100kW** / 2,000min⁻¹ **110kW** / 2,200min⁻¹

2 STAGE TURBO

127kW / 1,800min⁻¹ **141kW** / 2,000min⁻¹ **155kW** / 2,200min⁻¹

155kW

4TN101

New 3.8 liter, EU Stage V compliant, charged air cooler, turbocharged, common rail engine peaks at **105kW** and **550Nm** of torque.



STANDARD OUTPUT

77kW / 2,000min⁻¹ **85kW** / 2,200min⁻¹ **85kW** / 2,400min⁻¹

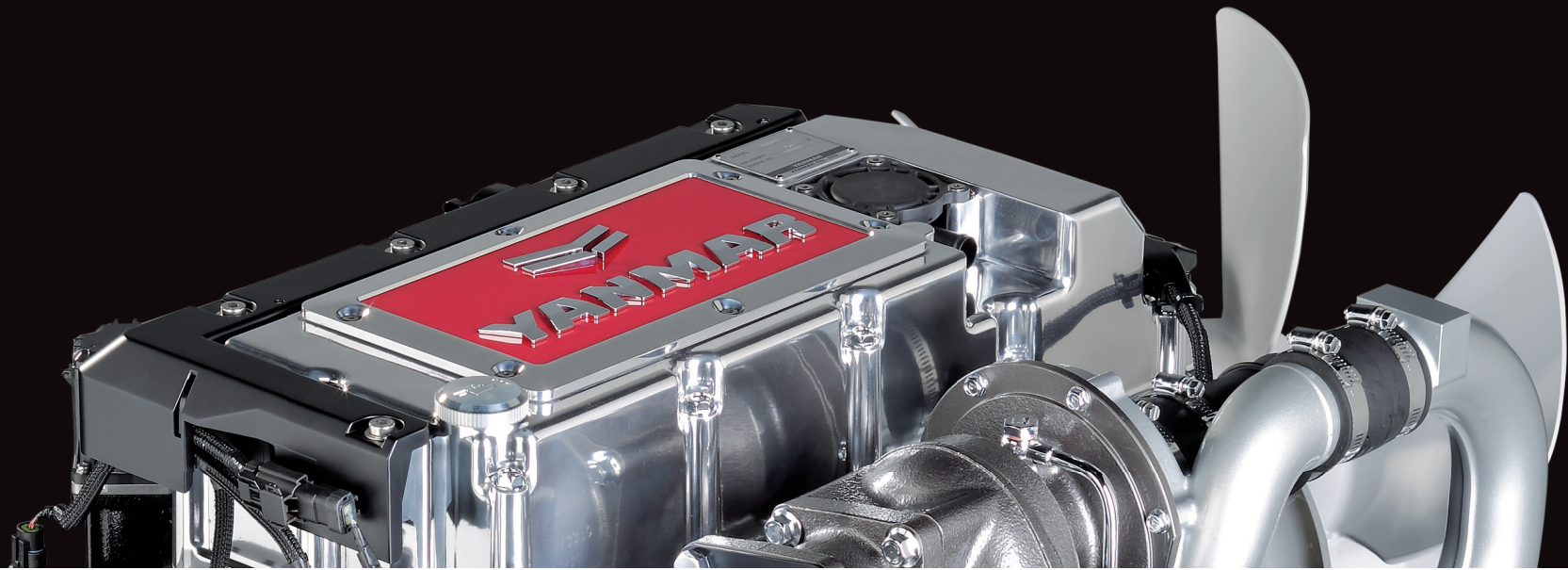
HIGH OUTPUT

96kW / 2,000min⁻¹ **105kW** / 2,200min⁻¹

105kW



POWER UP



**BEST CHOICE
FOR OFF-ROAD**



**HIGH POWER
DENSITY: 34kW/L**

**BEST IN CLASS
10% LESS FUEL CONSUMPTION***

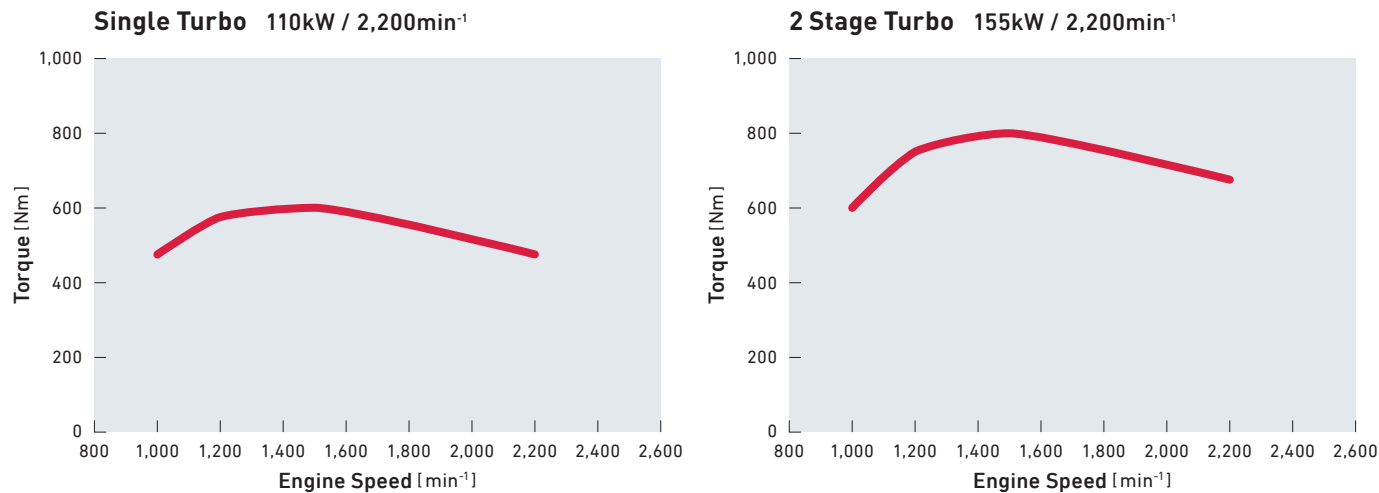
*BASED UPON THE COMPARISON OF AVERAGE INDUSTRY STANDARDS WITH OUR TEST RESULTS.

4TN107

SPECIFICATION

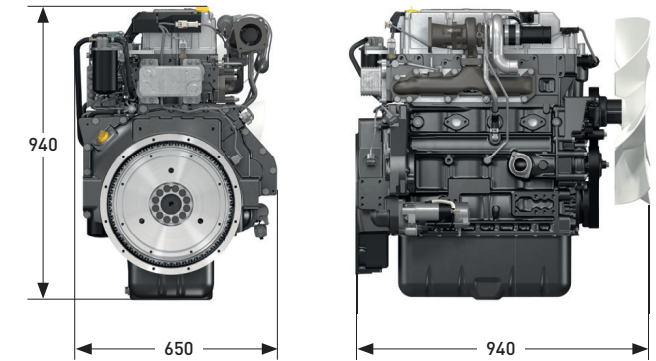
Model	4TN107 [Single Turbo]			4TN107 [2 Stage Turbo]			
Emission Compliance	EU Stage V / EPA Final Tier4						
Aspiration	Single T/C CAC			Two Stage T/C CAC			
Fuel Injection	Direct Injection (DI)						
Fuel Injection System	Common Rail						
EGR	Cooled EGR						
ATS	DOC + DPF + SCR						
No. of Cylinders	4						
Bore × Stroke	mm 107 × 127						
Displacement	L 4.6						
Rated Output	kW / min ⁻¹	90 / 1,800	100 / 2,000	110 / 2,200	127 / 1,800	141 / 2,000	155 / 2,200
Max. Torque	Nm / min ⁻¹	602 / 1,350	602 / 1,500	602 / 1,500	805 / 1,350	805 / 1,500	805 / 1,500
Low-speed Torque	Nm / min ⁻¹	460 / 1,000			604 / 1,000		
Overall Length × Width × Height	mm	940 × 650 × 940 (w/o ATS)			940 × 730 × 940 (w/o ATS)		
Weight (Dry)	kg	540 (w/o FAN, ATS)			550 (w/o FAN, ATS)		

PERFORMANCE CURVES

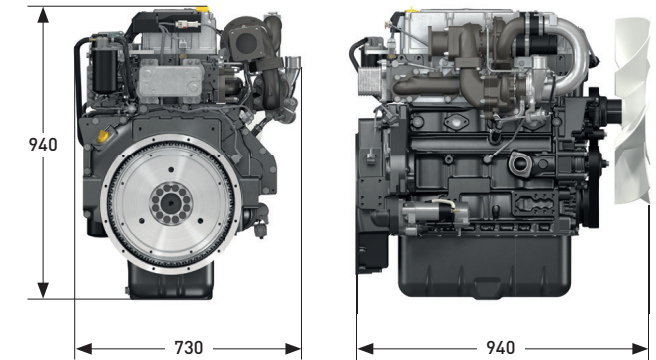


DIMENSIONS (unit: mm)

Single Turbo



2 Stage Turbo

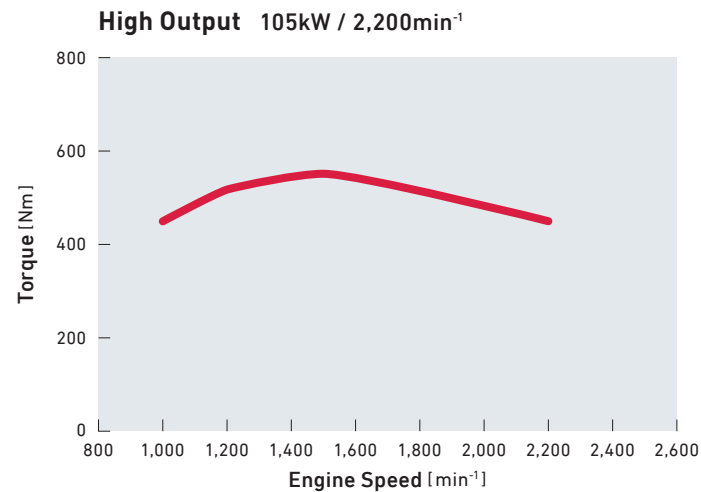
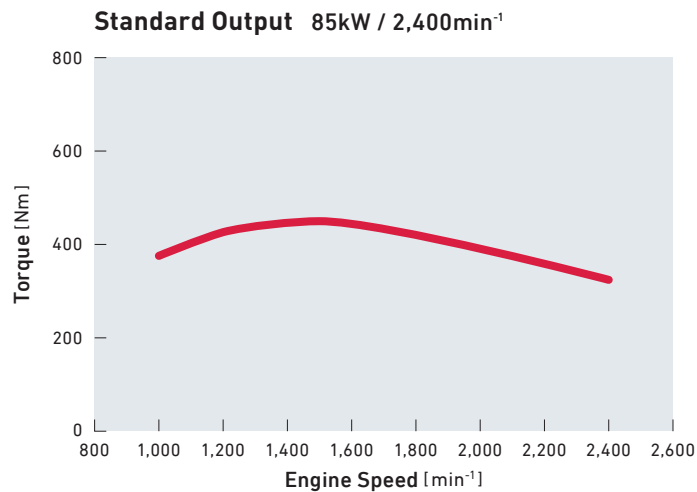


4TN101

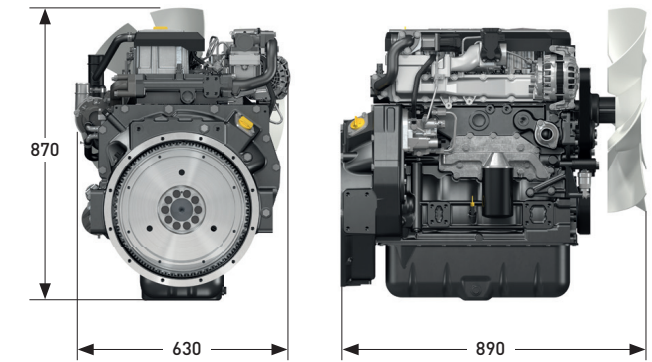
SPECIFICATION

Model	4TN101 [Standard Output]			4TN101 [High Output]	
Emission Compliance	EU Stage V / EPA Final Tier4				
Aspiration	T/C CAC				
Fuel Injection	Direct Injection (DI)				
Fuel Injection System	Common Rail				
EGR	Cooled EGR				
ATS	DOC + DPF + SCR				
No. of Cylinders	4				
Bore × Stroke	mm	101 × 120			
Displacement	L	3.8			
Rated Output	kW / min ⁻¹	77 / 2,000	85 / 2,200	85 / 2,400	96 / 2,000 105 / 2,200
Max. Torque	Nm / min ⁻¹	445 / 1,500			550 / 1,500
Low-speed Torque	Nm / min ⁻¹	370 / 1,000			455 / 1,000
Overall Length × Width × Height	mm	890 × 630 × 870 (w/o ATS)			
Weight (Dry)	kg	420 (w/o FAN, ATS)			

PERFORMANCE CURVES



DIMENSIONS (unit: mm)



REGIONAL HEADQUARTERS

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Specification is subject to change without any notice.
 DPF: Filter device designed to remove particulate matter (PM) from exhaust gas.
 CAC: Charged Air Cooler.