



4J383TA

Type	Rated RPM	Rated Power (kW/HP)	Max. Torque (N·m/rpm)
4J383TA-SE5A	2200	104.5 / 140.1	540.0 / 1400
4J383TA-SE5B	2200	97.0 / 130.1	530.0 / 1400
4J383TA-SE5C	2200	86.0 / 115.3	468.0 / 1400
4J383TA-SE5D	2200	78.0 / 104.6	442.0 / 1400
4J383TA-SE5E	2200	71.0 / 95.2	402.0 / 1400



© GENERAL ENGINE DATA

▶ Emission Level	EEC : StageV, EPA : Tier4 Final, Korea : Tier4
▶ Engine Type	4-ylinder, 4-Cycle, Diesel, Water cooled, Turbo, IC
▶ Bore x Stroke	Ø103×115 mm
▶ Displacement	3.833 liters
▶ Compression Ratio	17.0 : 1
▶ Combustor Type	Common Rail Direct Injection(CRDI)
▶ Rotation	Counter clockwise viewed from Flywheel
▶ Dimension (L x W x H)	841 x 648 x 1137 mm
▶ Dry Weight	468 kg (with Fan, flywheel and housing type)
▶ High Idle Rpm	2350±50
▶ Low Idle Rpm	900±50
▶ Aspiration	Turbo Charged & Intercooler
▶ Governor Type	Electric Control (ECU)
▶ Injection timing	Auto Control
▶ Alternator Capacity	12V-110A
▶ Firing order	1-3-4-2
▶ Flywheel housing	SAE No.3
▶ Flywheel	Clutch No.11-1/2
▶ After Treatment	CCRT(DOC+DPF) + SCR & Cooled EGR

Specifications are subject to change without prior notice

■ CONVERSION TABLE

Power

$$\text{hp} = \text{Kw} \times 1.3405$$

$$\text{kW} = \text{hp} \times 0.7459$$

$$\text{kW} = [\text{torque(Nm)} \times \text{rpm}] / 9549$$

$$\text{hp} = [\text{torque(lb-ft)} \times \text{rpm}] / 5252$$

Torque

$$\text{Nm} = (9549 \times \text{Kw}) / \text{rpm}$$

$$\text{Nm} = 1.3558 \times \text{lb-ft}$$

$$\text{lb-ft} = (5252 \times \text{hp}) / \text{rpm}$$

$$\text{lb-ft} = 0.73756 \times \text{Nm}$$

$$\text{U.G gal} = \text{lit.} \times 0.264$$

$$\text{kW} = 0.2388 \text{ kcal/s}$$

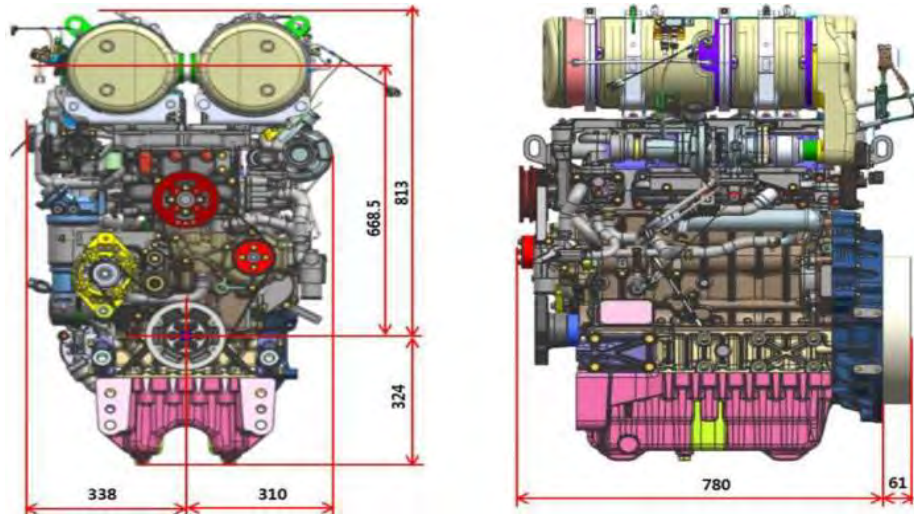
$$\text{lb/PS.h} = \text{g/Kw.h} \times 0.00162$$

$$\text{cfm} = \text{m}^3/\text{min} \times 35.336$$



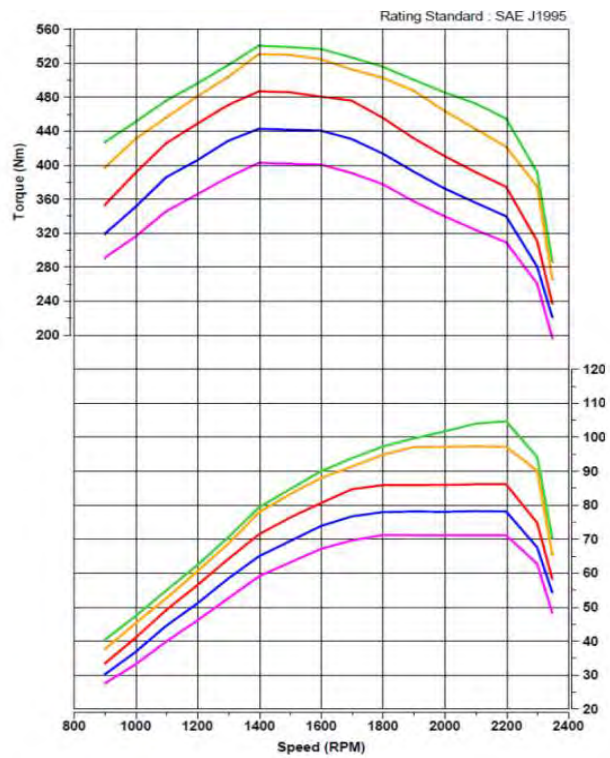
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◆ ENGINE DIMENSION



Designation	Length(L)	Width(W)	Height(H)	Dry weight
Value	841	648	1137	468

◆ Performance Curve



Revised on DEC 3, 2023



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