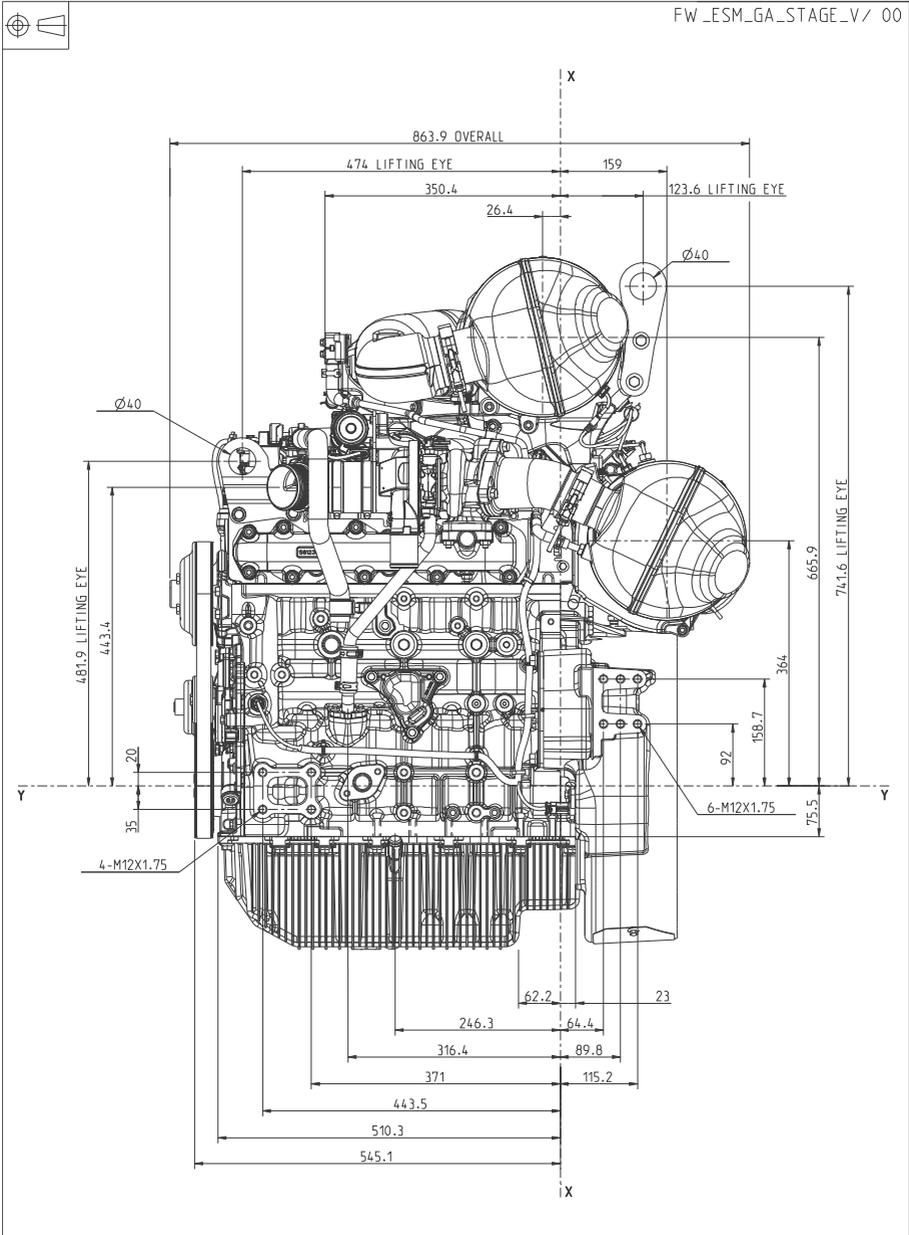
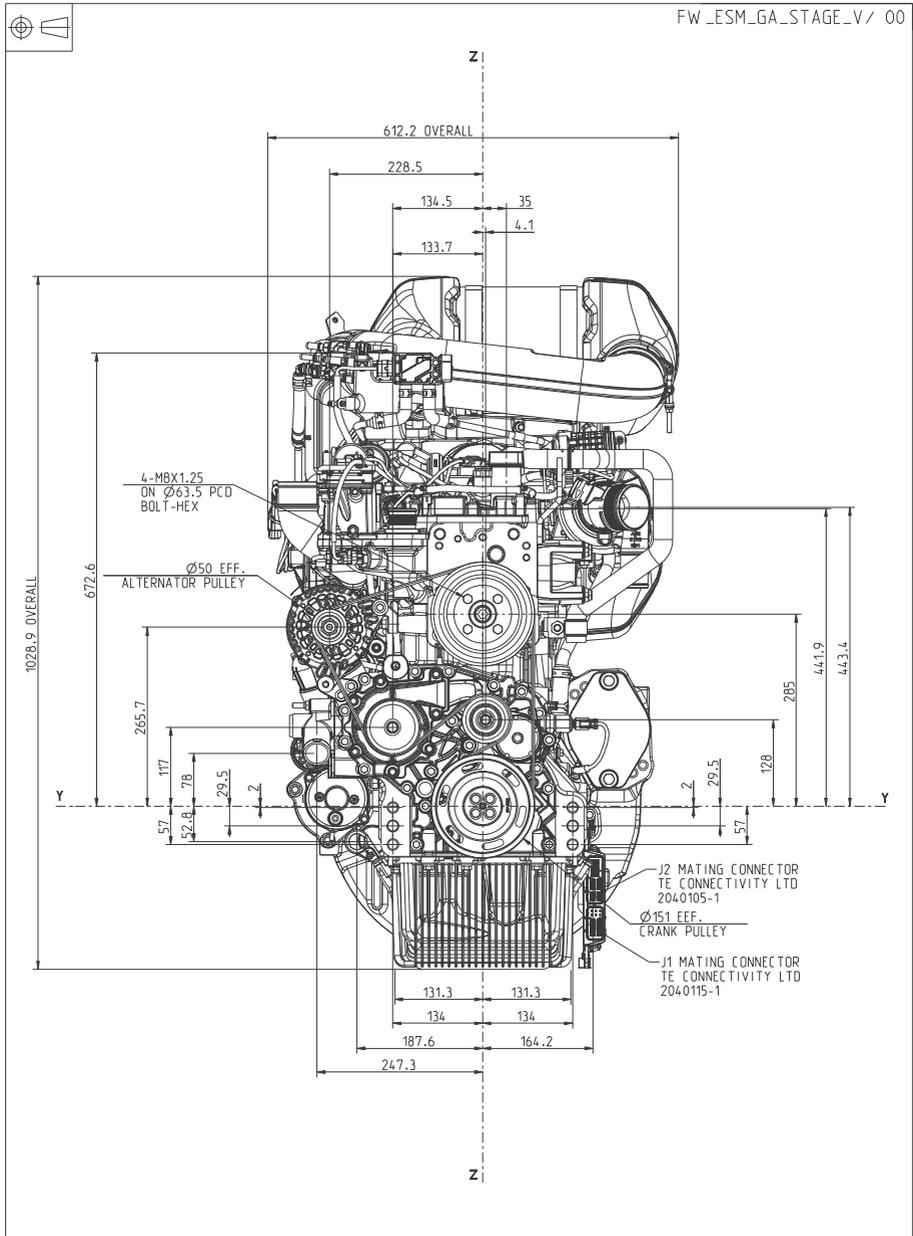


C3.6 (TA) - Left side view

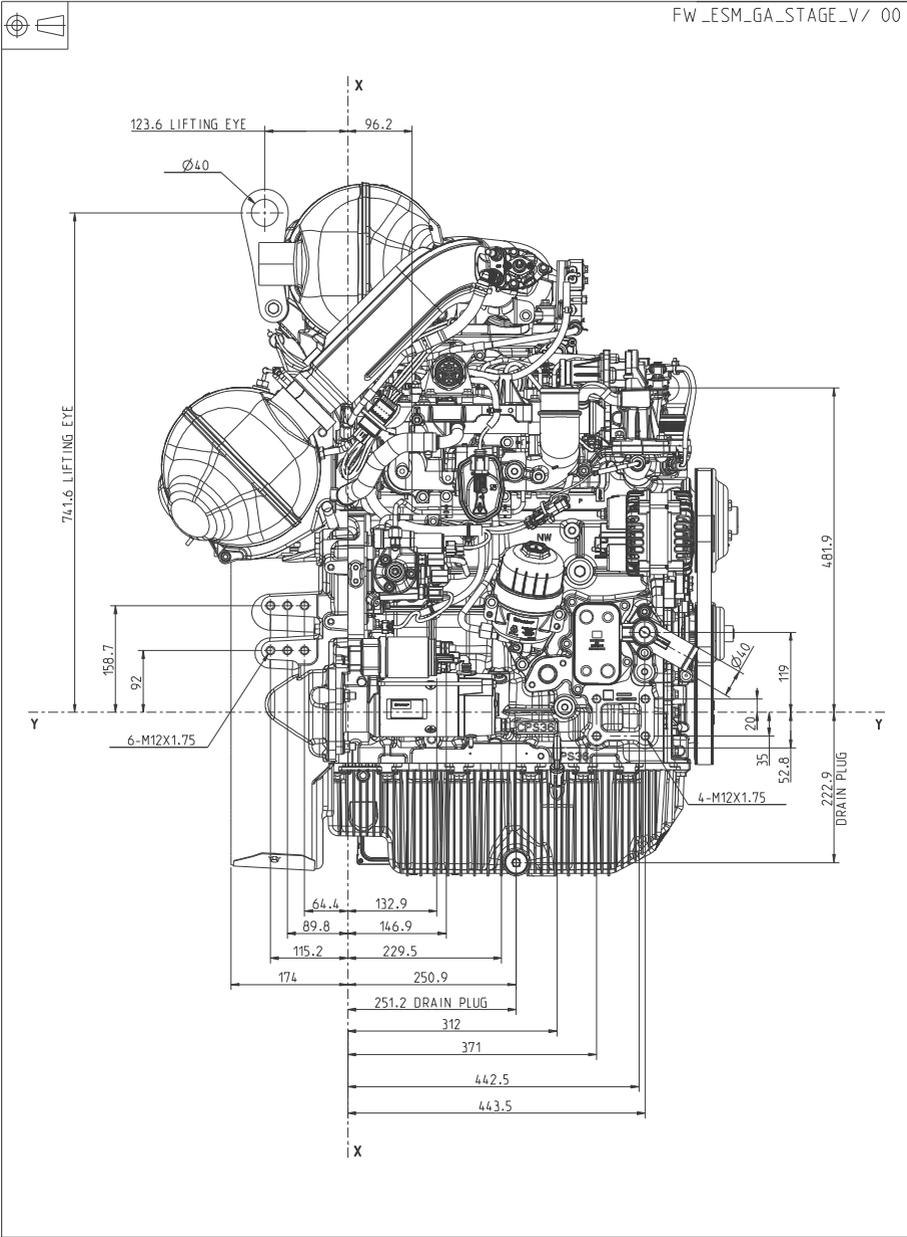


C3.6 (TA) - Front view



C3.6 (TA) - Right side view

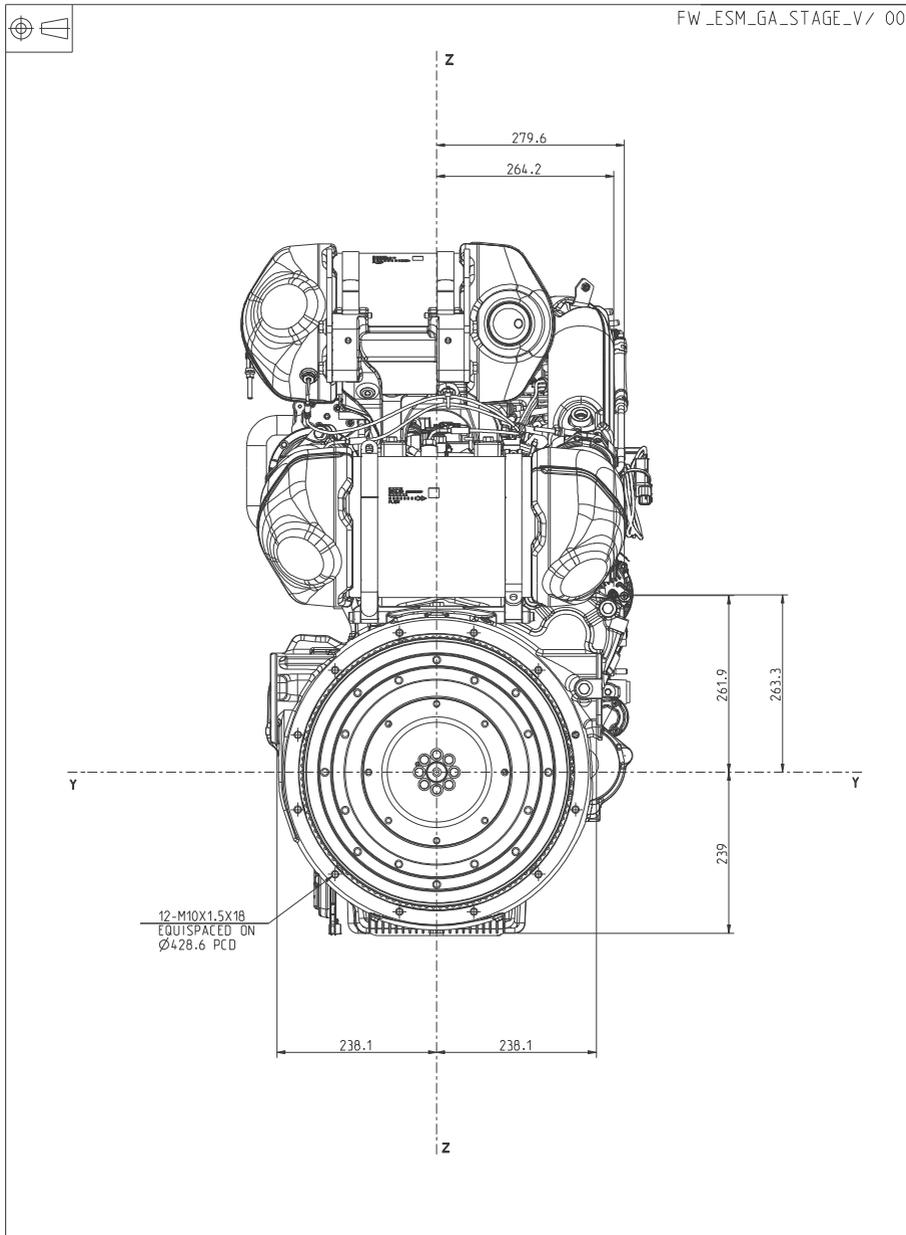
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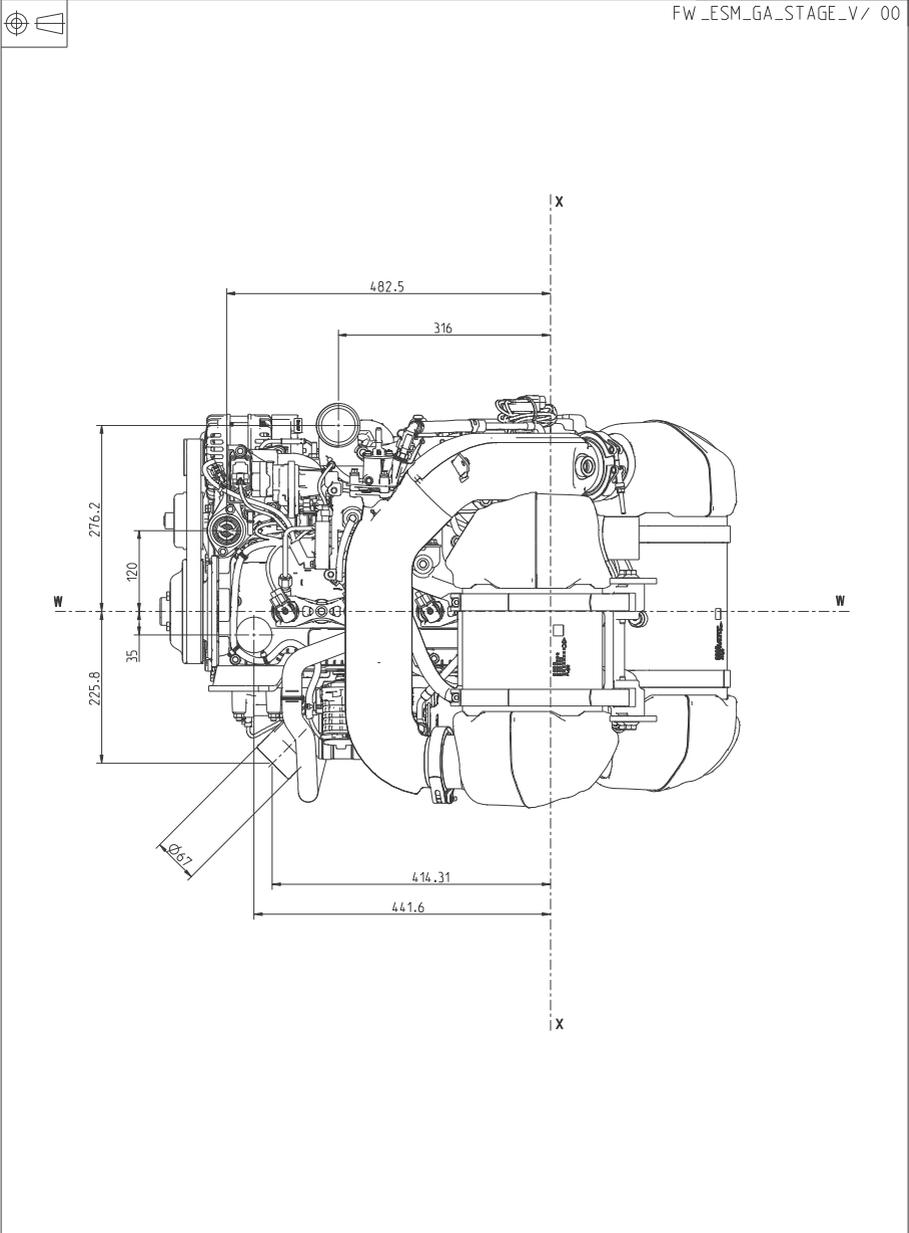
3

C3.6

C3.6 (TA) - Rear view



C3.6 (TA) - Plan view



6

C3.6

Basic technical data**C3.6 (TA)**

Cylinder arrangement	Vertical inline
Number of cylinders	4
Cycle	4 stroke
Induction system	Turbocharged, Charge cooled
Combustion system	Direct injection
Bore	98 mm (3.85 in)
Stroke	120 mm (4.72 in)
Compression ratio	17:1
Cubic capacity	3.621 liters (220.9 in ³)
Firing order	1, 3, 4, 2
Rotation	Clockwise viewed from front
Basic thread form	Metric
Cooling system	Liquid

Overall dimensions for engine fitted with Mounted Aftertreatment

Length – DOC/DPF/SCR	845 mm (33.26 in)
Length – DOC/DPF	845 mm (33.26 in)
Width – DOC/DPF/SCR	604 mm (23.78 in)
Width – DOC/DPF	574 mm (22.60 in)
Height – DOC/DPF/SCR	1020 mm (40.16 in)
Height – DOC/DPF	787 mm (30.98 in)

Overall dimensions as shown on general arrangement drawings, see page 11 ⁽¹⁾

Length	667 mm (26.26 in)
Width	564 mm (22.20 in)
Height	787 mm (30.98 in)

Weight

Dry weight of bare engine without aftertreatment	380.6 kg (839 lb)
Dry weight of engine with engine mounted aftertreatment – DOC/DPF	407.0 kg (897 lb)
Dry weight of engine with full engine mounted aftertreatment - DOC/DPF/SCR	450.3 kg (992 lb)
Weight of coolant and lubrication oil	12.7 kg (28.0 lb)
Remote aftertreatment weight - DOC/DPF	20.41 kg (45 lb)
Remote aftertreatment weight - SCR	19.3 kg (42.5 lb)

Notes:

- Final weights and dimensions to be confirmed
- Weights include flywheel, flywheel housing, rotating electrics (C4004, D4005, E4102, N4103)
- Final weight will depend on the completed specification

C3.6 (TA)

Cylinder arrangement	Vertical inline
Number of cylinders	4
Cycle	4 stroke
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Rotation	Clockwise viewed from front
Basic thread form	Metric
Cooling system	Liquid

Overall dimensions

Length	667 mm (26.26 in)
Width	564 mm (22.20 in)
Height	787 mm (30.98 in)

Dry weight

Dry weight of bare engine	380.6 kg (839 lb)
Weight of coolant and lubrication oil	12.71 kg (28.02 lb)

Notes:

- Final weights and dimensions to be confirmed
- Weights include flywheel, flywheel housing, rotating electrics (C4004, D4005, E4102, N4103)
- Final weight will depend on the completed specification

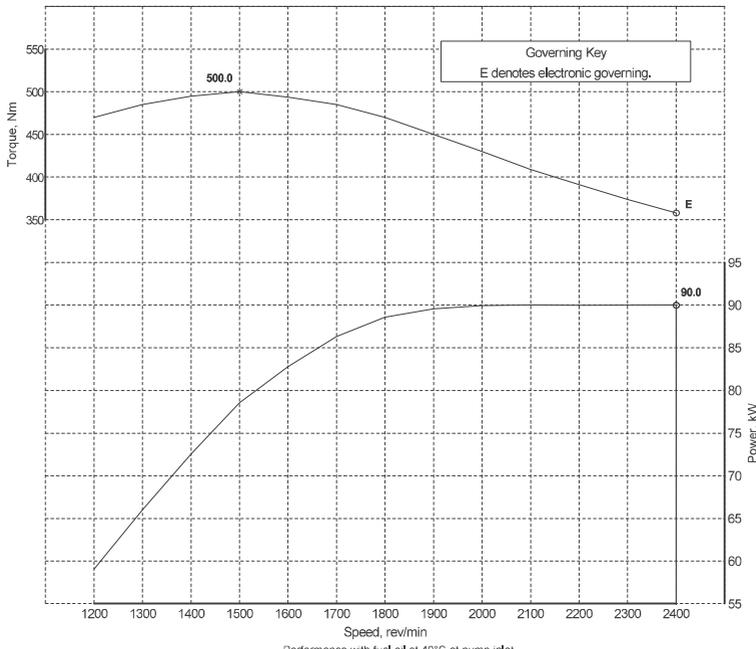
T4792 - AV405, 90.0 kW @ 2400 rpm

CATERPILLAR® Engine Model: C3.6	Curve: T 4792	Sheet 1
	Issue: 1	Date: 9-Feb-2017

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**Development Target -
May be Subject to Change**

Rating Standards: ISO 14396: 2002	Fuel Types: USA FED Off Highway	Europe Off Highway
Production Tolerance On Power Output: +3%, -3%	Fuel Specification: EPA Part 1065.703 ULSD	EU 2004/26/EC Stage 3B/4
Total Barometric Pressure (kPa): 100	Density (kg/l @ 15°C): 0.840 - 0.865	0.833 - 0.837
Vapour Pressure (kPa): 1	Viscosity (mm ² /s @ 40°C): 2.0 - 3.2	2.3 - 3.3
Air Inlet Temperature (°C): 25	Sulphur Content (% mass): 0.0007 - 0.0015	0.001 max
	Cetane No: 40 - 50	



Notes:
1. For duty cycle refer to the C rating definition(s) in the Caterpillar Industrial Engine Ratings Guide (LECH3874).

Exhaust Quality Standard	Certification Refs (Rated Speeds)
Power Standard	Certification Refs (Rated Speeds)

Auxiliaries fitted to engine:
Alternator - off load.
Fan - not fitted.

Approved by:
T. J. Doyle
(Program Manager)

Date 9-Feb-2017

Accepted by:
G. Williamson
(Program Engineering Manager)

Date 9-Feb-2017

Issued by:
S. Way
(Legislation Engineer)