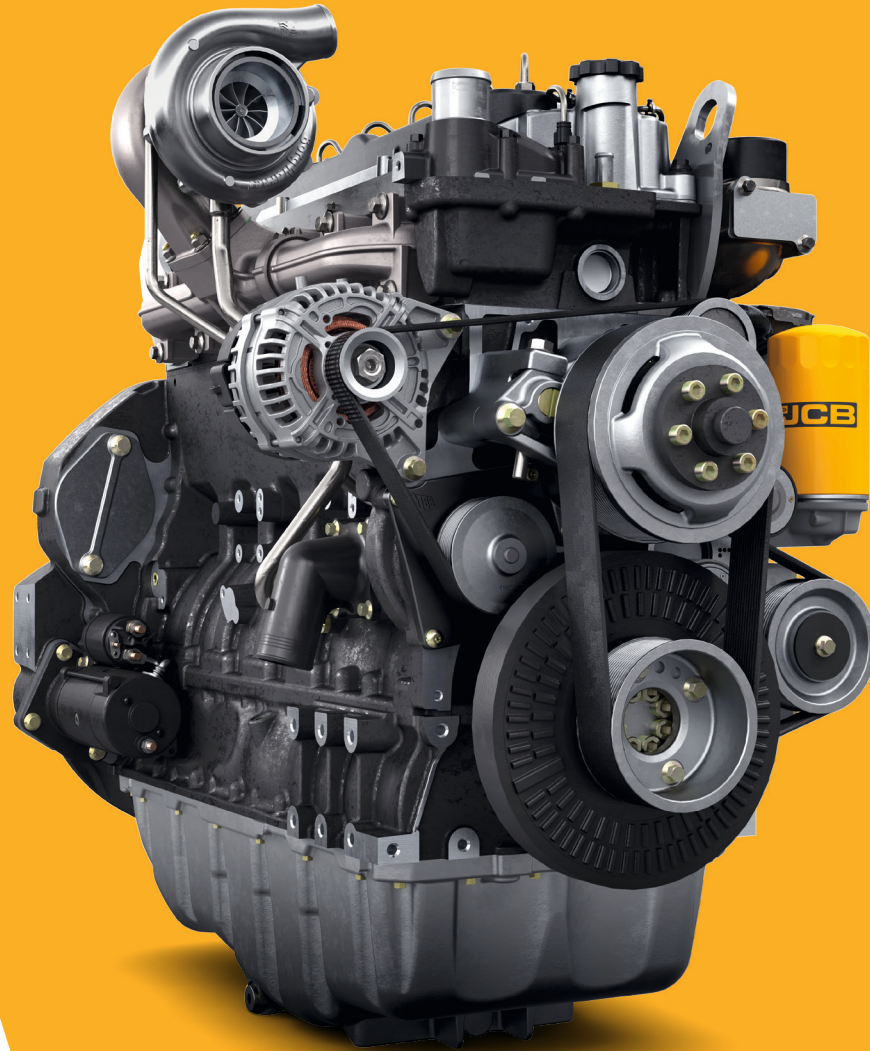


SPECIFICATION



**JCB 672
BASE ENGINE**

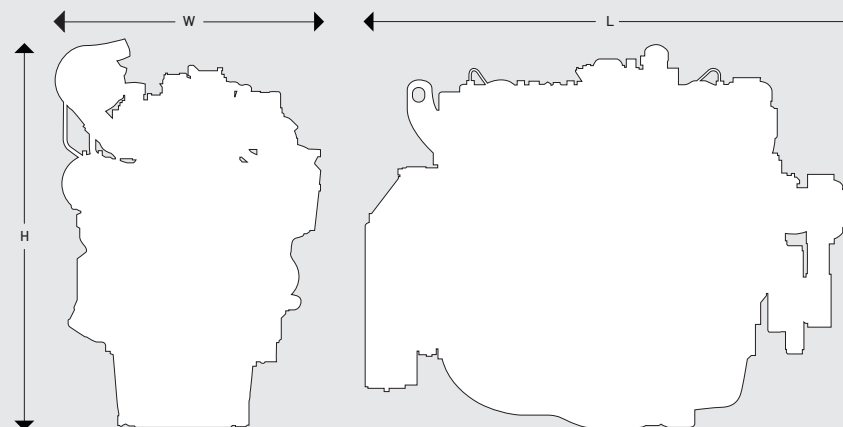


KEY FACTS

Extends JCB engine range from 129kW (173hp) to 212 kW (248hp)
 Component and customer interface commonality with the 444/448
 Supported by Global and Dealer Network

GENERAL INFORMATION

Thermodynamic cycle		Diesel 4 stroke
Aspiration		TCA
Arrangement		6 Cylinder
Bore	mm (in)	106 (4.17)
Stroke	mm (in)	135 (5.31)
Total displacement	litres	7.148
Valves per cylinder		4
Injection system		Common Rail



DIMENSIONS

Diesel models		672 TA2-140	672 TA2-165	672 TA2-190	672 TA2-212	672 TA3-140	672 TA3-165	672 TA3-190	672 TA3-212
Height	mm (in)	1111 (44)	1111 (44)	1111 (44)	1111 (44)	1111 (44)	1111 (44)	1111 (44)	1111 (44)
Width	mm (in)	610 (24)	610 (24)	610 (24)	610 (24)	610 (24)	610 (24)	610 (24)	610 (24)
Length	mm (in)	1072 (42)	1072 (42)	1072 (42)	1072 (42)	1072 (42)	1072 (42)	1072 (42)	1072 (42)
Dry weight	Kg (lbs)	665 (1466)	665 (1466)	665 (1466)	665 (1466)	665 (1488)	690 (1521)	690 (1521)	690 (1521)

*Dimensional data includes relevant aftertreatment systems.

GENERAL TECHNICAL DATA

Diesel model		672 TA2-140	672 TA2-165	672 TA2-190	672 TA2-212	672 TA3-140	672 TA3-165	672 TA3-190	672 TA3-212
Maximum rating	kW (hp)	140 (188)	165 (221)	190 (255)	212 (284)	140 (188)	165 (221)	190 (255)	212 (284)
Emissions level		UN Stage II	UN Stage II	UN Stage II	UN Stage II	UN Stage IIIA	UN Stage IIIA	UN Stage IIIA	UN Stage IIIA
Rated speed	rpm	2000	2000	2000	2000	2000	2000	2000	2000
Peak torque	Nm (lb-ft)	950 (701)	1017 (750)	1150 (848)	1150 (848)	950 (701)	1017 (750)	1150 (848)	1150 (848)
Peak torque speed	rpm	1400	1500	1500	1400	1400	1500	1500	1500
Unassisted cold start temperature	°C (°F)	-20 (-4)	-20 (-4)	-20 (-4)	-20 (-4)	-20 (-4)	-20 (-4)	-20 (-4)	-20 (-4)

STANDARD CONFIGURATION

Flywheel housing	SAE 3	Oil sump	Cast aluminium
Intake manifold location	Right hand - cold side - front facing	Breather system	Open
Exhaust manifold / turbocharger location	Left hand - hot side - front facing	Oil cooler	Right hand side
Turbocharger	Wastegated, electronically controlled	Oil filler position	Right hand side and Top
Fan drive ratios	0.759722222	Starter motor	12V 4.2kW or 24V 4.0kW
Distance between fan - crankshaft centres	240 (9.45)	Alternator	12V 95A/170A or 24V 55A/100A
Fuel filter	Engine Mounted	Power take-off: Heavy duty	SAE B / 60kW 205Nm (1.268:1)
Fuel lift pump	Pre-filter lift pump with WIF sensor	Power take-off: Light duty	SAE A / 15kW 40Nm (1.625:1)
Oil filter	Left hand side, vertical	Finish	Lacquered

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WHY JCB

