

KEY FACTS

Extends JCB engine range from 129kW (173hp) to 212kW (284hp)

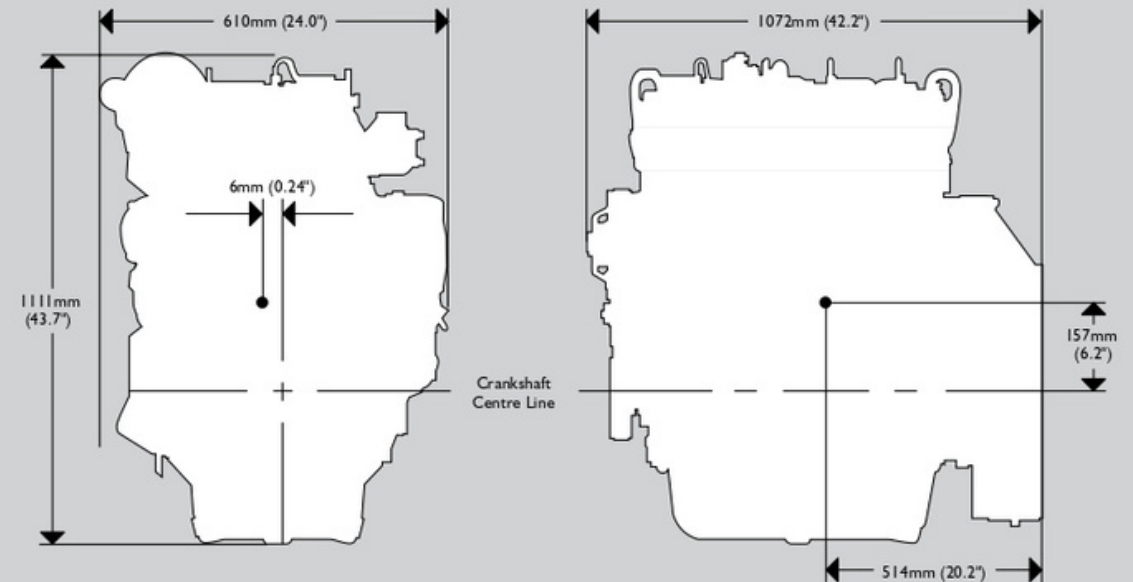
Component and customer interface commonality with the 444/448

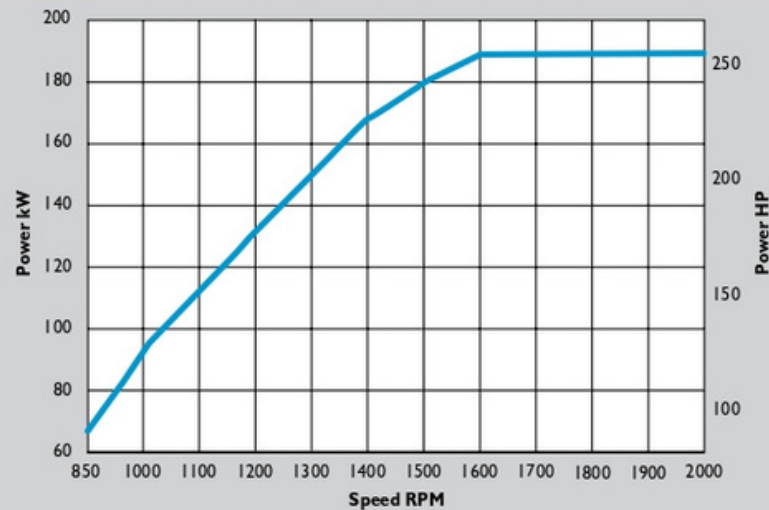
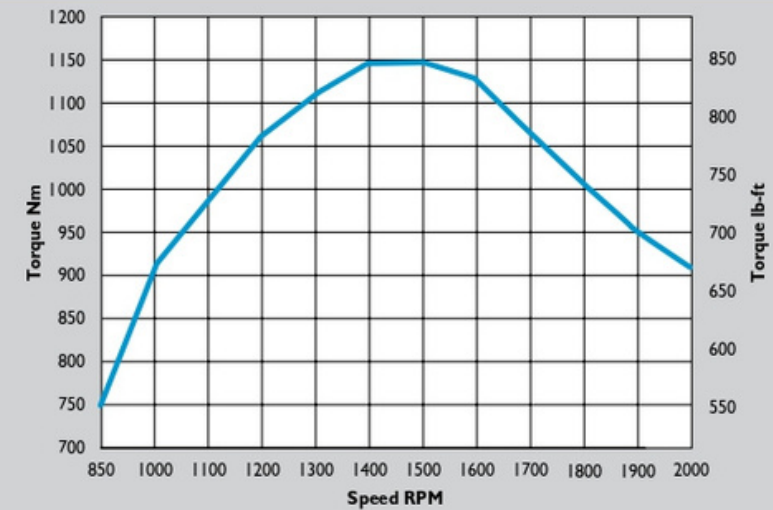
Supported by Global Distributor and Dealer Network

GENERAL TECHNICAL DATA

Model		672 TA2 190
Maximum rating (gross)	kW (hp)	190 (255)
Thermodynamic cycle		Diesel 4 stroke
Aspiration		TCA
Arrangement		6 cylinder
Emissions level		EU Stage II / EPA Tier 2
Bore	mm (in)	106 (4.17)
Stroke	mm (in)	135 (5.31)
Total displacement	cm ³ (in ³)	7148 (436)
Valves per cylinder		4
Injection system		Common Rail
Cooling		Liquid
Direction of rotation (viewed from crank nose)		Clockwise
Dry weight	kg (lbs)	680 (1499)
Rated speed	rpm	2000
Peak torque	Nm (lb-ft)	1150 (848)
Peak torque speed	rpm	1500
Maximum no load governed speed	rpm	2250
Nominal idling speed	rpm	850
Minimum starting temperature without auxiliaries	°C (°F)	-12 (10.4)
Gradability - continuous	degrees	35
Gradability - intermittent	degrees	45

*As per ISO14396


DIMENSIONS


POWER CURVE

TORQUE CURVE

STANDARD CONFIGURATION

Flywheel housing		SAE3
Intake manifold location		Left hand forward*
Exhaust manifold / turbocharger location		Right hand*
Turbocharger		Wastegate controlled
Fan drive ratios		0.76, 0.80, 0.84
Distance between fan - crankshaft centres	mm (in)	240 (9.4)
Fuel filter		Engine mounted
Fuel lift pump		Pre-filter with primary pump & W/F sensor
Oil filter		Single, vertical - LHS*
Oil sump		Pressed steel
Breather system		Open
Oil cooler		LHS*
Oil filler position		Top and left hand side*
Starter motor		24V, 4.2kW
Alternator		24V 55A or 95A
Power Take-off: Heavy Duty		60kW, 205Nm, 1.268:1 RHS
Power Take-off: Light Duty		15kW, 40Nm, 1.625:1 LHS
Finish		Lacquered

*Orientation from flywheel.

OPTIONS

Extensive range of configuration options available - contact local JCB Power Systems distributor, or JCB Power Systems sales and applications department for availability and configuration options.

For more information on purchasing a JCB engine or configuration of a bespoke product for your requirements contact a JCB Power Systems distributor.



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