

KEY FACTS

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

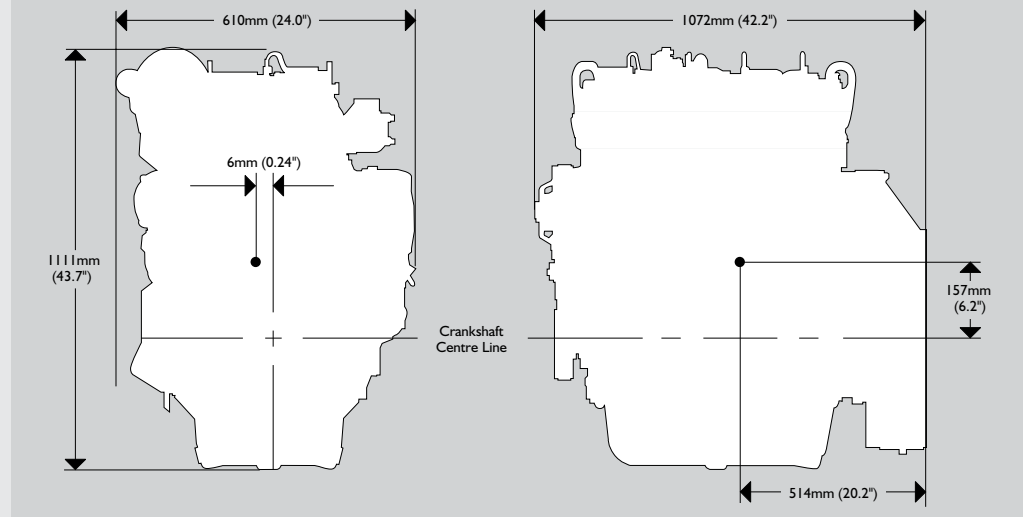
Component and customer interface commonality with the 444/448

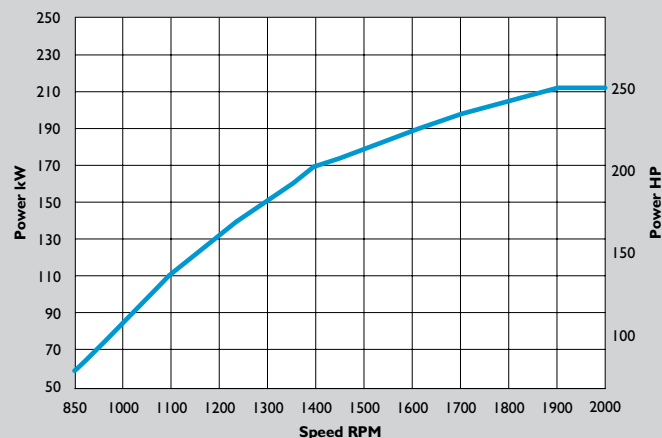
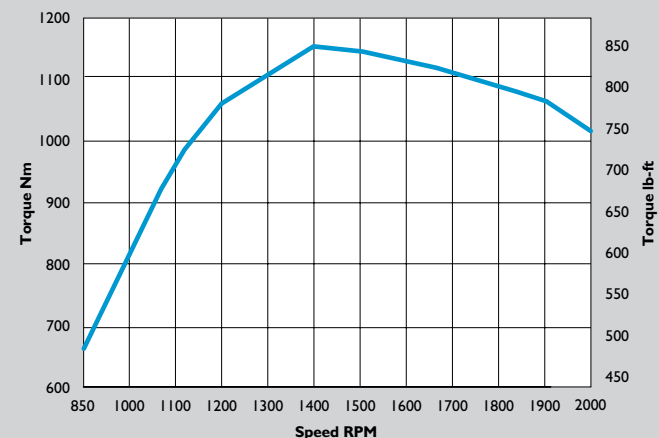
Supported by Global Distributor and Dealer Network

GENERAL TECHNICAL DATA

Model		672 TA2 212
Maximum rating (gross)	kW (hp)	212 (284)
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	1400
Maximum no load governed speed	rpm	2420
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)
Fuel filter	Engine mounted
Fuel lift pump	Pre-filter with primary pump & WIF 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.