KEY FACTS

Integrated – Engineered – Power solution

High fuel efficiency

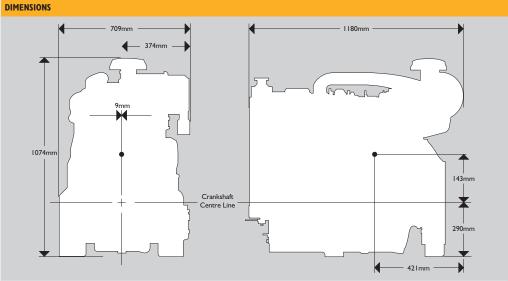
Low cost of ownership

High torque at low speed

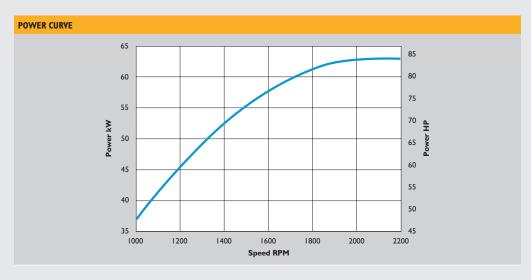
JCB Global Support

Model		TC-63
Maximum rating (gross intermittent)	kW (hp)	63 (84)
Thermodynamic cycle		Diesel 4 stroke
Aspiration		TC
Arrangement		In-line 4 cylinder IPU
Emissions level		EU Stage IIIA / EPA Tier 3
Bore	mm (in)	103 (4.1)
Stroke	mm (in)	132 (5.2)
Total displacement	cm³ (in³)	4399 (269)
Valves per cylinder		4
Injection system		Mechanical
Cooling		Liquid
Direction of rotation (viewed from crank nose)		Clockwise
Dry weight	kg (lbs)	586 (1292)
Rated speed	rpm	2200
Peak torque	Nm (lb-ft)	362 (267)
Peak torque speed	rpm	1200
Maximum no load governed speed	rpm	2420
Nominal idling speed	rpm	900
Minimum starting temperature without auxiliaries	°C (°F)	-20 (-4)
Gradability - continuous	degrees	35
Gradability - intermittent	degrees	45
*As per ISO 4396		

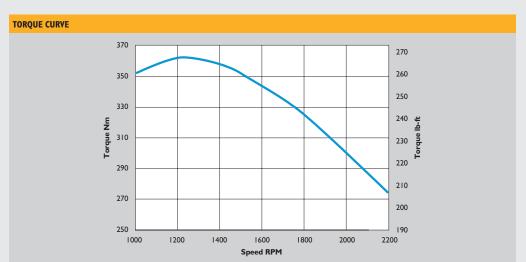








STANDARD CONFIGURATION			
Flywheel housing		SAE3	
Intake manifold location		Left hand forward	
Exhaust manifold / turbocharger location		Right hand rearward	
Turbocharger		Wastegate controlled	
Fan drive ratios		0.85, 1.1, 1.16, 1.25:1	
Distance between fan - crankshaft centres	mm (in)	262 (10.3)	
Fuel 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		12V, 4.2kW	
Alternator		12V, 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 dealer, or JCB Power Systems sales and applications department for availability and configuration options.

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