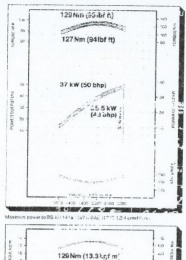
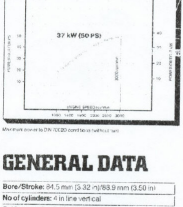
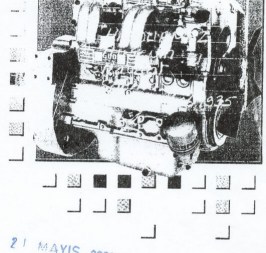




504-2

Industrial/Agricultural Power Unit

Perkins



GENERAL DATA

Bore/Stroke:	84.5 mm (3.32 in)/88.9 mm (3.50 in)
No of cylinders:	4 in line vertical
Cubic capacity:	2.0 litres (122.0 cu in)
Cycle:	4 stroke
Aspiration:	Natural
Combustion system:	TRIM direct injection
Compression ratio:	17.0 : 1
Firing order:	1,3,4,2
Rotation:	Clockwise viewed from front
Fuel pump:	Bosch VE
Governing:	Mechanical
Injectors:	Bosch – Multi-hole type
Cooling:	Liquid
Weight (dry)*:	141 kg (310 lb) bare engine
Length:	617 mm (20.4 in) fan mounting to rear of block
Width:	572 mm (22.5 in)
Height:	690 mm (24.6 in)
Thread form:	Metric
Electrical:	12 Volt
Power take off:	Optional – from front end of crankshaft radially or axially/Capability 11.0 kW at 3000 rpm

*Engine without flywheel, flywheel housing and starter motor.

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PERKINS POWER

Including the 500 Series, Perkins industrial and agricultural engine range extends up to 980 bhp, with premium specification power units offering performance and options to suit a wide range of machines without compromise. Using computerised scheduling systems, Perkins offer delivery flexibility and accuracy to match customers' build programmes.

Perkins has a massive distribution network with over 4,000 outlets worldwide. Professional back up and genuine parts are never far from any Perkins powered machine.

Perkins

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Peterborough, PE1 5NA England
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Fax: (0733) 56240
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Publication No. 3794/88 ©Perkins Engines Ltd 1987

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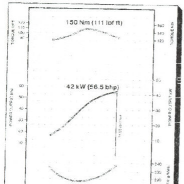
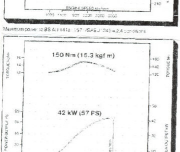
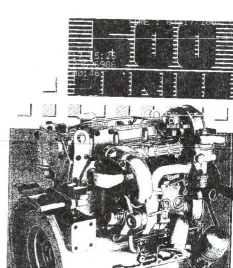
Industrial/Agricultural Power Unit



Maximum torque at 1400 rpm - 12° BTDC - DIN 6271 with fan



Maximum torque to DIN 70020 (as engine without fan)



GENERAL DATA

Bore/Stroke: 84.5 mm (3.32 in)/88.9 mm (3.50 in)
No of cylinders: 4 in line vertical
Cubic capacity: 2.0 litres (122.0 cu in)
Cycle: 4 stroke
Aspiration: Turbocharged
Combustion system: TRIM direct injection
Compression ratio: 17.0: 1
Firing order: 1.3.4.2
Rotation: Clockwise, viewed from front
Fuel pump: Bosch VE
Governing: Mechanical
Injectors: Bosch – Multi-hole type
Cooling: Liquid
Weight (dry)*: 148 kg (326 lb) bare engine
Length: 917 mm (36.1 in) fan mounting to rear of block
Width: 572 mm (22.5 in)
Height: 630 mm (24.8 in)
Thread form: Metric
Electrical: 12 Volt
Power take off: Optional – from front end of crankshaft radially or axially Capability 11.2 kW at 3000 rpm

*Engine without flywheel, flywheel housing and starter motor

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