

General information			
Factory warranty, valid until	15/03/2008	Speed droop	
Warranty information	Basic warranty is 12 months	Classification code	Not prepared for classification
Start-up date	15/03/2007	Classification society	
Delivery date	24/10/2006	Parts catalogue	18886
Invoice date	01/11/2006	TVC No	
Assembly date	08/10/2006	TVC Date	
Crankshaft assembly date	08/10/2006	Installation	
Scrap date		Code	
Power standard	ISO 3046	Type	GENSET PRIME-POWER
Power information	ITL	Name	
Power (kW)	439/438	Number	
Power (HP)		Scania generator sets	
Power 110 % (kW)		Type designation	
Power 110% (HP)		Order No Customer	S7697 (10-22)AJP
Power curve	PRP	Order No Factory	34198300
RPM	1500/1800	Order type	A
		Order customer	
		Country code & number	GB005
		Name	AJ POWER
		Distributor	
		Country code	GB
		Number	001
		Name	Scania (Great Britain) Ltd. Purchase Ledger Department Delaware Drive Tongwell Milton Keynes Bucks MK15 8HB
			ENGLAND
		End user	TC HARRISON JCB ANDY BELL 8 BROOKDALE COURT S352PT SHEFFIELD ENGLAND
		EPC	
		EPC, valid from	
		EPC, valid to	

00 General			
Assembly level	Completely Build Up	Product class	Industrial and marine products
Development level	4	Engine assembly place	IME
Deviation specification	Without	Classification company	Without
Conservation	Without	Corrosion inhibitor	Without
IMO certification	Without	SIS	Without
Operator's manual language	English	Operator's man extra language	Without
Operator's man third language	Without		

01 Engine			
Engine stroke volume	16	Engine type, industrial/marine	DC16 43A
Engine type designation D16 A/M	DC16 43A 02P	Engine output (kW)	439/438
Engine adaptation	Generator	Engine application	Industrial
Operation speed	1500/1800	Engine rpm.	1500/1800
Sensor tachometer	Without	Engine colour	Black RAL9005
Valve shaft sealing	Without	Crankcase ventilation, type	Open
Crankcase ventilation, placing	Engine block	Crankcase ventilation direction	Downwards
Crank shaft, connection	Screw joint	Classification crankshaft	No
Flywheel	Flywheel SAE 14" coupling	Flywheel pilot hole	Diameter 80 mm
Flywheel housing with screw	Without	Flywheel housing material	Silumin
Flywheel housing conn.rear end	According to SAE1	Piston, make	Mahle
Piston, gallery cooled	Without	Piston ring type	Keystone
Compression ring surface cond.	Molybdenum	Connection f conv.oil cool	Without
Oil cleaner placing	Front of engine block	Monitor lubrication oil press.	Without
Sensor/guard lubr.oil pressure	Without	Oil filling	In valve cover
Oil filler, rocker cover	Sixth cylinder	Oil level check,running engine	No
Oil dipstick, placing	Left hand side	Oil drain	With draining plug
Oil draining placing	Under	Oil pan	Truck type
Oil pan material	Aluminium	Exhaust manifold, cooling	Not cooled
Exhaust manifold material	Cast iron	Thermal shield, manifold pipe	Without
Turbocharger	With	Turbo chargers twin mounted	Without
Turbo charger position	Top assy	Turbo exhaust pipe	Bend adjustable 114-155
Turbo filter lube oil placing	On centrifugal oil cleaner	Intake manifold direction	Forwards
Air cleaner safety filter	Without	Air cleaner position	Over intake manifold
Air cleaner engine, paper area	16 m ²	Precleaner air intake	Without
Engine tilt angle,intermittent	Max 25 degrees	Engine susp. bracket front	Power-pack execution -230mm
Engine suspension bracket rear	Without	Rubber block front	Without
Rubber block rear	Without	Crankshaft damper	Without alfa reading
Protect.cover crankshaftdamper	With	Surge damper	Without
Power take off engine side	Without	Power take off, fr. crankshaft	Without
Protection cover, belt drive	With		

02 Cooling System			
Cooling system engine	Radiator	Radiator	Without
Radiator suspension	Without	Charge air cooler	Air cooled
Charge air by-pass	Without	Fan, type	Pusher
Fan mounted on engine	With	Fan, moved forward placing	No
Fan, placing	On fan, bearing housing	Fan, diameter	965 mm
Fan, gear ratio	1:1	Coolant pump	With
Fan ring	Without	Fan cover	Without
Protection mesh fan	Without	Thermostat housing, position	On cylinder block
Thermostat engine coolant	Disc	Pulley extra	Without
Pulley crankshaft	Poly-V	Pulley, waterpump	Poly-V
Belt stretcher 2 grooves	Without	Belt stretcher 3 groove	Without
Bilge pump	Without	Water pump extra	Without
Expansion tank	Without	Guard/sensor coolant level	Without
Monitor coolant temperature	Without	Sensor coolant temperature	Without
Engine heater, type	Without		

03 Fuel And Exhaust Systems

Fuel	Diesel	Injection system	PDE
EDC Electronic diesel control	Without	Accelerator position sensor	Without
Fuel, pressure tube	Without	Fuel filter, reversible	Without
Fuel filter, position	On right inlet manifold	Fuel heater	Without
Fuel cooler	Without	Monitor fuel leakage	Without
Exhaust pipe	With	Exhaust outlet direction	Right hand side
Exhaust flange, diameter	130	Exh.pipe compensator	Without
Silencer	Without	Rain protection cap	With

04 Clutch

Reverse gear	Without	Clutch rear	Without
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10 Pneumatic System

Compressor compressed air	Without	Exhaust brake	Without
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13 Hydraulic Pump

Hydraulic pump, steering gear	Without		
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14 Engine Controls

Engine stop, ordinary	Without	Accelerator control	Without
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16 Electrical System

Electrical syst. SjöV classif.	Without	Generator	1-pole
Alternator charge	100 A	Alternator engine mounted	With
Alternators twin mounted	Without	Alternator charge placing	Above
Starter, type	JE	Start engine	1-pole
Start engine	Electric	CAN controlled starter	With
Engine starting aid device	Without	High engine temp reaction	Stop with override possib.
Temp. limit shut off	105C	Temp limit torque reduction	95 C
Low oil pressure reaction	Engine stop with override	Limp home	No reaction
Low idle speed	1000 rpm	Droop setting single speed en g	4.0%
Single speed governor setting	Normal	Ramp start delay	0sec
Ramp up rate	500rpm/sec		

17 Instruments

Exhaust temperature gauge	Without		
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18 Canopy

Compressor A/C	Without	Air conditioning	Without
Auxiliary heating	Without		

19 Complementary Equipment

Catwalk	Without		
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Engine serial number: 1046745
Engine Type: DC16 43A

Delivery date: 10/24/2006

SOPS file and modifications

Status	Available for modification	Version	1	Date	2006-10-02
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No modifications were found for the selected product individual