

SPECIFICATIONS AND CAPACITIES



SPECIFICATIONS

ENGINE

Brake Horsepower @ 5500 RPM	130 H.P. SAE net
Maximum Torque	220 NM (162 ft.lb) at 2,750 r.p.m.
Number of Cylinders	6
Bore	91 mm (3.58")
Stroke	73 mm (2.87")
Displacement	2,849 cc (173.86 cu. in)
Compression ratio	8.8 : 1
Valve Clearances (cold)	
Intake	0.10 - 0.15 mm (0.004" - 0.006")
Exhaust	0.25 - 0.30 mm (0.010" - 0.012")
Idle Speed	775 $\pm$ 50 r.p.m.

COOLING SYSTEM

Type	Positive pressure closed system
Thermostat begins open	85-89° C (185-192° F)
Thermostat fully open	100° C (212° F)
Radiator Position	Forward mounting
Cooling liquid	Water/ethylene glycol (borax free)
Concentration	50% Anti-freeze, 50% Water
Fans	Electrically operated Twin thermostatically controlled

ELECTRICAL SYSTEM

12 Volt negative ground

BATTERY

Type	Delco Remy Freedom (maintenance free)
Capacity	70 amp/hour

ELECTRICAL SYSTEM (con'd)**ALTERNATOR**

Type	Ducellier
Rated output power	80 amp

STARTER

Type	Paris-Rhone
Inbrush current	50-60 amps
Holding current (solenoid)	8-10 amps
Pull in voltage (solenoid)	8 volts
12 Volt supply	

IGNITION SYSTEM

Type	Bosch (electronic contactless)
Firing Order	1-6-3-5-2-4
Ignition timing	$13^{\circ} \pm 2^{\circ}$ @ 775 r.p.m. ± 50
Spark Plugs	Bosch HR 6 DS
Spark Plug gap	0.6 to 0.7 mm (0.024" to 0.028")
Spark Plug tightening torque	17.5 to 20 NM (13 to 15 ft.lb)

DISTRIBUTOR

Direction of Rotation	Clockwise when viewed from top
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FUEL SYSTEM**FUEL INJECTION**

Type	Bosch K Jetronic (mechanical)
Operation	Continuous injection (C.I.)
Line Pressure	5.2 bar (75.4 PSI)
Injectors open at	3.5 to 4.1 bar (51 to 59 PSI)
Rest Pressure	3.3 bar (48 PSI)

FUEL SYSTEM (cont'd)

FUEL PUMP

Operation	Electric (12 volts)
Location	Immersed in fuel tank
Pressure	5.2 bar (75.4 PSI)
Minimum output	110 litres/hour (29 US Gallons/hour)
Maximum output	120 litres/hour (32 US Gallons/hour)

FUEL FILTER

Type	Paper with nylon gauze
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TRANSMISSION

Gear Ratio

Manual — 5 speed

1st	: 3.364	4th	: 1.057
2nd	: 2.059	5th	: 0.8205
3rd	: 1.381	Rev	: 3.1818

Automatic — 3 speed

1st	: 2.40	3rd	: 1.00
2nd	: 1.48	Rev	: 1.92

FINAL DRIVE — MANUAL AND AUTOMATIC

Transaxle	Double Universal Half Shafts
Reduction Ratio	3.44 : 1

CLUTCH

Disc diameter	235 mm (9.25")
Total pedal travel	150 mm (5.90")
Maximum pedal load	15 kg (33lb)

BRAKES

Type	Power assisted. Discs front and rear
Boost ratio	2.2 to 1
Diameter of Vacuum servo	190 mm (7½")
Effective braking area — front	1800 sq.cm (279 sq.in)
Effective braking area — rear	1690 sq.cm (262 sq.in)