



Specifications

		Metric
Power Rating	400 bhp	298 kW
Governed RPM	1950	1950
Power Rating	365 bhp	272 kW
Governed RPM	1800	1800
Number of Cylinders	6	6
Bore and Stroke	6¼ x 6¼ in.	159 x 159mm
Piston Displacement	1150 cu. in.	18.9 l
Operating Cycles	4	4
Lube System Oil Cap.	15.5 U.S. gals.	59 l
Coolant Capacity	9 U.S. gals.	34.9 l
Net Weight, Dry		
Engine with MG-514 Gear	5,060 lbs.	2 295 kg

Design Features

Bearings: Precision type, steel backed inserts. 7 main bearings, 5½ in. (140mm) diameter. Connecting rod – 4 in. (102mm) diameter.

Camshaft: Single camshaft controls all valve and injector movement. Induction hardened alloy steel with gear drive.

Camshaft Followers: Roller type for long cam and follower life.

Connecting Rods: Drop forged 11.4 in. (290mm) center to center length. Rifle drilled for pressure lubrication of piston pin. Taper piston pin end reduces unit pressures.

Crankshaft: High tensile strength steel forging. Bearing journals are induction hardened. Fully counterweighted.

Cylinder Block: Alloy cast iron with removable, wet liners.

Cylinder Heads: Individual cylinder heads. Drilled fuel supply and return lines. Corrosion resistant inserts on intake and exhaust valve seats.

Fuel System: Cummins PT™ self adjusting system with integral flyball type governor. Camshaft actuated injectors.

Gear Train: Heavy duty, induction hardened, located at front of cylinder block.

Lubrication: Force feed to all bearings, gear type pump. All lubrication lines are drilled passages, except pan to pump suction line.

Pistons: Aluminum, cam ground, with two compression and one oil ring. Oil cooled.

Piston Pins: 2.4 in. (61mm) diameter, full floating.

Turbocharger: Scroll diffuser, side mounted.

Valves: Dual intake and exhaust each cylinder. Each valve 2.22 in. (56mm) diameter. Heat and corrosion resistant face on intake and exhaust valves.