



# Wings for the M.G. Midget

and Con-  
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-seater

## M.G. MIDGET (Series TD) DATA

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sports car with front wings  
le of a long, low bonnet.

<b>Engine Dimensions :</b>			<b>Chassis Details :</b>	
Cylinders .. ..	4		Brakes .. ..	Lockheed hydraulic (2L.S. front)
Bore .. ..	66.5 mm.		Brake drum diameter	9 ins.
Stroke .. ..	90 mm.		Friction lining area ..	99.5 sq. ins.
Cubic capacity .. ..	1,250 c.c.		Suspension :	
Piston area .. ..	21.6 sq. ins.		Front .. ..	Coil and unequal wish- bone I.F.S.
Valves .. ..	Pushrod o.h.v.		Rear .. ..	Semi-elliptic leaf
Compression ratio ..	7.25 to 1		Shock absorbers ..	Luvax-Girling
<b>Engine Performance :</b>			Wheel type .. ..	Steel disc
Max. power .. ..	4.4 b.h.p.		Tyre size .. ..	5.50 x 15 ins., Dunlop
at .. ..	5,200 r.p.m.		Steering gear .. ..	Rack and pinion
Max. b.m.e.p. .. ..	126 lb./sq. in.		Steering wheel .. ..	16½ ins. dia., spring spoke
at .. ..	2,600 r.p.m.			
B.h.p. per sq. in. piston area .. ..	2.52		<b>Dimensions :</b>	
Piston speed at max. b.h.p., ft. per min. ..	3,070		Wheelbase .. ..	7 ft. 10 ins.
<b>Engine Details :</b>			Track .. ..	
Carburetter .. ..	Twin S.U. inclined		Front .. ..	3 ft. 11½ ins.
Ignition .. ..	12-volt coil		Rear .. ..	4 ft. 2 ins.
Plugs: make and type	14 mm.: Champion L10S		Overall length .. ..	12 ft. 1 in.
Fuel pump .. ..	S.U. electric		Overall width .. ..	4 ft. 10½ ins.
Fuel capacity .. ..	11 gallons		Overall height :	
Oil filter .. ..	Full-flow		Hood up .. ..	4 ft. 5 ins.
Oil capacity .. ..	9 pints		Screen down .. ..	3 ft. 9 ins.
Cooling system .. ..	Pump and fan		Ground clearance .. ..	6 ins.
Water capacity .. ..	12 pints		Turning circle .. ..	31½ ft.
Electrical system .. ..	12-volt Lucas		Dry weight .. ..	17½ cwt.
Battery capacity .. ..	51 amp.-hr. at 10 hr. rate		<b>Performance Data :</b>	
<b>Transmission :</b>			Piston area, sq. ins. per ton .. ..	25
Clutch .. ..	Borg and Beck 7½" s.d.p.		Brake lining area, sq. ins. per ton .. ..	115
Gear ratios :			Top gear m.p.h. per 1,000 r.p.m. .. ..	14.5
Top .. ..	5.125		Top gear m.p.h. at 2,500 ft./min. piston speed .. ..	61.2
3rd .. ..	7.098		Litres per ton-mile, dry .. ..	3,000
2nd .. ..	10.61			
1st .. ..	17.94			
Rev. .. ..	17.94			
Prop. shaft .. ..	Hardy Spicer, open			
Final drive .. ..	Hypoid bevel			

alloy pistons carrying three rings apiece, and the combustion chambers of the cylinder head carry overhead valves of unequal size; inlet valves of 30 mm. throat diameter give good breathing, while exhaust valves of 4 mm. smaller size are more readily cooled.

Dual S.U. carburetters of 1¼-in. size, with downwardly inclined choke tubes, and dual springs for the overhead valves are further engine details contributing to the