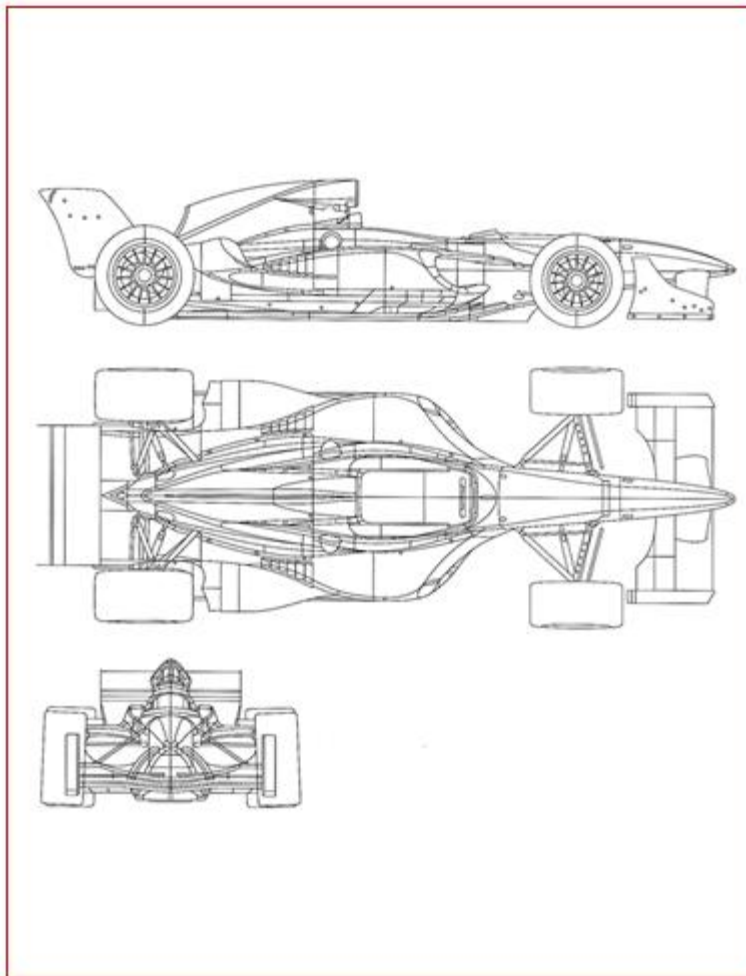


# *A1 Grand Prix Car Specifications*



## ENGINE SPECIFICATION

Engine Type	ZA 1348
Configuration	90 degree V8
Displacement	3400cc
Width	619mm
Height	542mm
Length	543mm
Weight	120kg
Cylinder Block	Sand Cast Aluminium Alloy
Cylinder Head	Sand Cast Aluminium Alloy
Valve Train	4 overhead camshafts 4 valves per cylinder
Engine Management	Zytek EMS 4.6.1
Ignition	Zytek DCDI with coil over plug
Spark Plugs	NGK
Fuel	100 Octane Racing
Max Torque	330lbs ft - 442Nm
Max Power	550 bhp - 412kW

## CAR SPECIFICATION

Wheelbase	3000mm
Weight	680kg ready to run (excluding fuel and driver)
Front and Rear Suspension	Double Wishbone, pushrod operated twin coil over damper Adjustable ride height, cambers and toe
Anti Roll Bar	Quick change front and rear roll bars
Chassis	Carbon fibre skins, aluminium honeycomb core Tested to meet all applicable crash safety standards FIA approved side intrusion panels
Bodywork	Light weight composite bodywork
Gearbox	6 speed transverse sequential gear selection via paddle shift system
Drive Line	Tripod jointed driveshafts
Brake	Bespoke 4-pot calipers
Brake Discs and Pads	Steel discs, carbon pads
Dampers	Installed length 300mm
Wheels	Front 13" x 11.75", Rear 13" x 16"
Steering	Titan bevel drop-gear rock and pinion 14DP 8 tooth
Steering Wheel	Sparco, 280mm, with mounted dash
Instrumentation and Display	Steering wheel mounted dash Multichannel logging facility for engineering analysis
Seat Belt	Six point harness
Fuel Cell	135ltr capacity
Clutch	AP 3 plate carbon/carbon aluminium or steel hub
Tyres	Control slick and treaded wet tyres