



# DRAFT

## JABIRU 5100 AERO ENGINE

### Description

- 4 Stroke
- **(5077cc)**
- 8 Cylinder Horizontally Opposed
- Fully Machined Aluminium Alloy Crankcase
- Over Head Valves (OHV) - Push Rod Operated
- Wet Sump Lubrication – 6 litre Capacity
- Direct Propeller Drive
- Dual Transistorised Magneto Ignition
- Integrated AC Generator
- Electric Starter
- Mechanical Fuel Pump
- Naturally Aspirated - 2 Pressure Compensating Carburettors
- Pusher & Tractor exhaust systems available

### Complete including:

Electric Starter  
Muffler  
Dual Ignition

### Specifications

- Displacement : 5077cc
- Bore : 97.5 mm
- Stroke : 85mm
- Compression Ratio : 8.5:1
- Direction of Rotation : Clockwise - Pilot's view - Tractor
- Applications : 117 kg (257 lbs)
- Ramp Weight : Complete including Carburettor, Starter Motor, Alternator & Ignition System, accessory pack, ram-air cooling ducts, muffler, oil cooler.
- Ignition Timing : 25° BTDC
- DC Output : 25 AMP cont. direct mounted
- Power Rating Max. : 170 hp @ 2750 RPM continuous  
180 hp @ 3000 RPM intermittent
- Specific Fuel Consumption : 274 grams/kw-hour at cruise power  
0.46 lbs/hp hour at cruise power
- Fuel : AVGAS 100/130 or Unleaded Petrol above 95 Octane RON
- Oil : Aeroshell W100 or Equivalent
- Oil Capacity : 6 L (6 quarts)
- Spark Plugs : NGK D9EA - Automotive

\* Engine Specifications are projected figures.

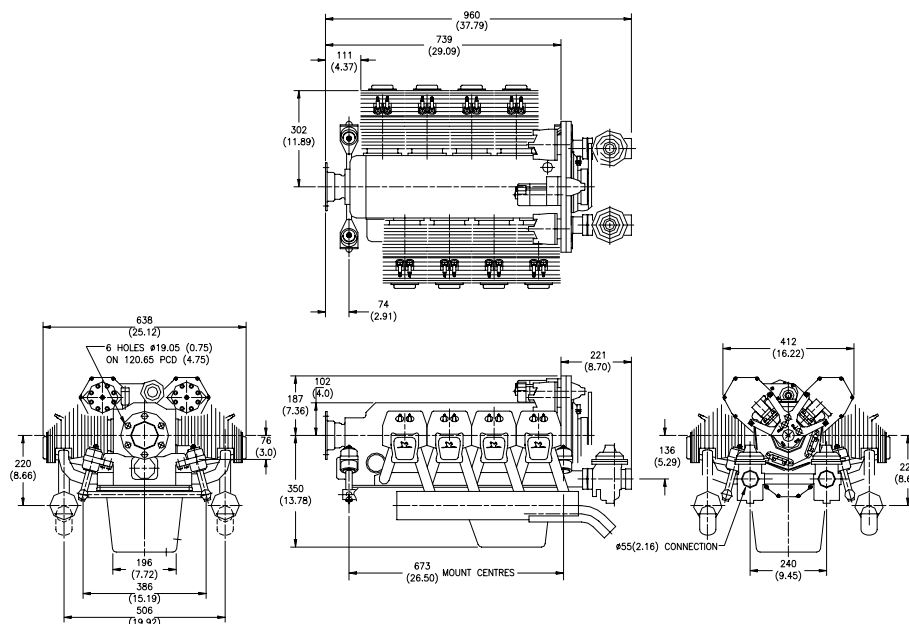
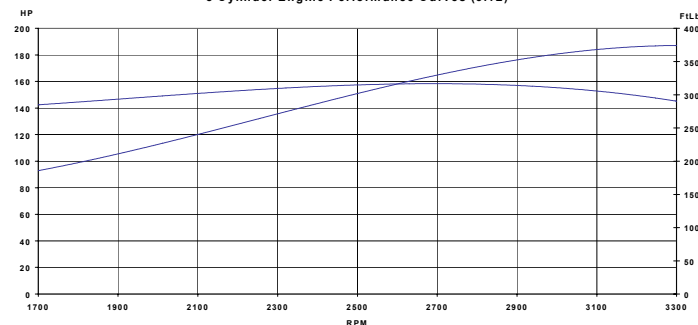
## DIMENSIONS & PERFORMANCE

### JABIRU 5100 AERO ENGINE

170 hp @ 2750 RPM

180 hp @ 3000 RPM

JABIRU 5100cc AERO ENGINE PERFORMANCE CURVE  
8 Cylinder Engine Performance Curves (5.1L)



### Contact:

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