

All engines in the MISTRAL G-series (Gasoline) are delivered with a complete dual-channel DEM system (two ECUs, dual electric fuel pumps, wiring harnesses, engine instrument display).

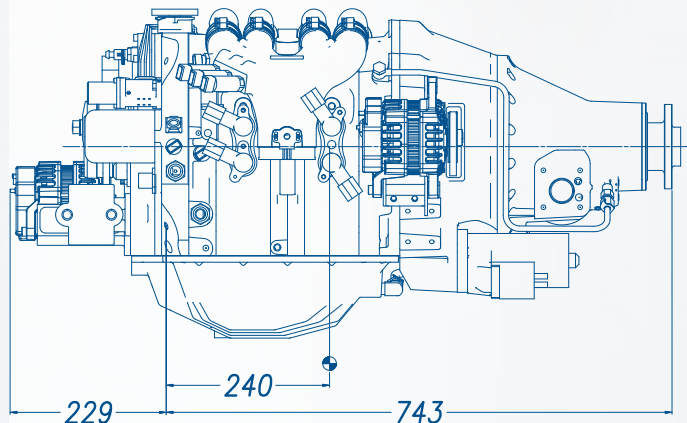
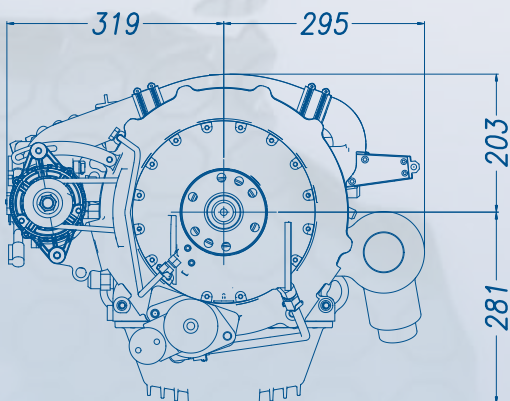
They provide accessory drive pads for a hydraulic constant-speed propeller governor, dual alternators, vacuum pump and AC compressor.



<b>Engine type</b>	Naturally aspirated rotary
<b>Number of rotors</b>	2
<b>Displacement</b>	3x654cc (3x39.9 cu.in.) per rotor
<b>Cooling</b>	Coolant: water / ethylene glycol Coolant heat load: 58kW / 198kBTU/hr Oil heat load: 26kW / 90kBTU/hr
<b>Engine management</b>	Fully redundant dual-ECU digital control
<b>Fuel system</b>	Dual electronic injection Dual electric fuel pumps
<b>Recommended fuel</b>	100LL Avgas Unleaded auto gasoline (US: 87, Europe: 92)
<b>Propeller speed reduction unit (PSRU)</b>	6-pinion planetary, ratio 2.8235:1 Hydraulic CS propeller governor drive
<b>Propeller rotation</b>	Tractor configuration: clockwise Pusher configuration: anti-clockwise
<b>Max. take-off power</b>	200 hp @ 2,250 propeller rpm
<b>Max. continuous power</b>	As above
<b>75% cruise power</b>	150 hp @ 2,050 propeller rpm
<b>Weight <sup>1</sup></b>	132 kg / 291 lbs
<b>Dual alternators</b>	14V 70 Amp or 28V 40A

1) Dry engine, PSRU weight including starter, main alternator included

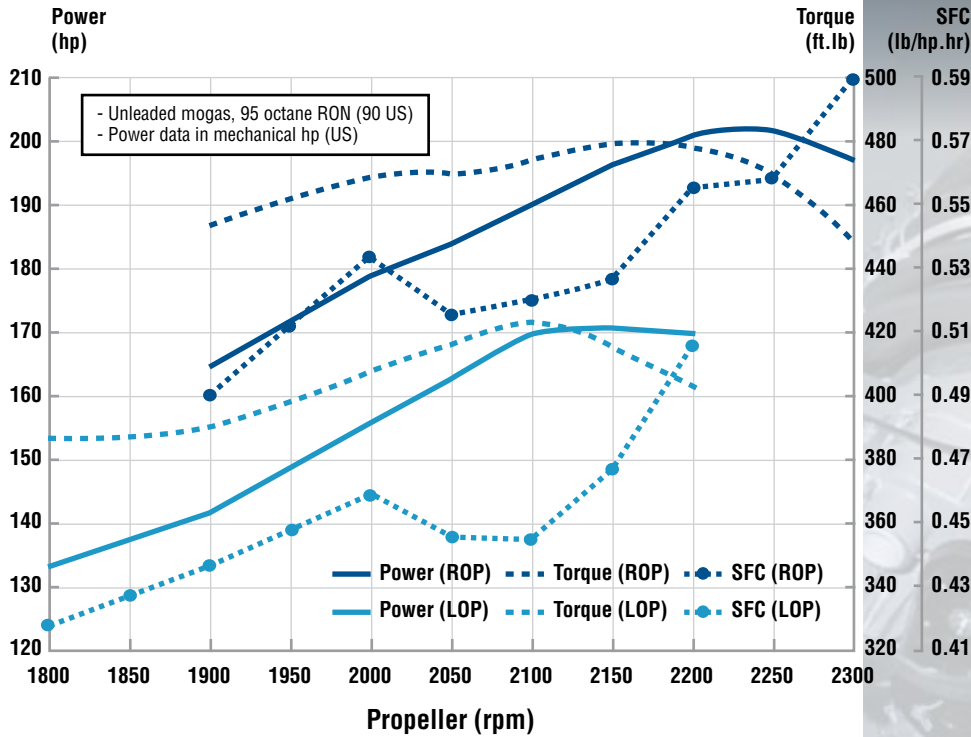
The MISTRAL Engine is available in two and three-rotor versions, either normally aspirated or turbocharged, with take-off power ratings of **200 hp**, **230 hp**, **300 hp** and **360 hp** respectively. Each model is available also in helicopter version.



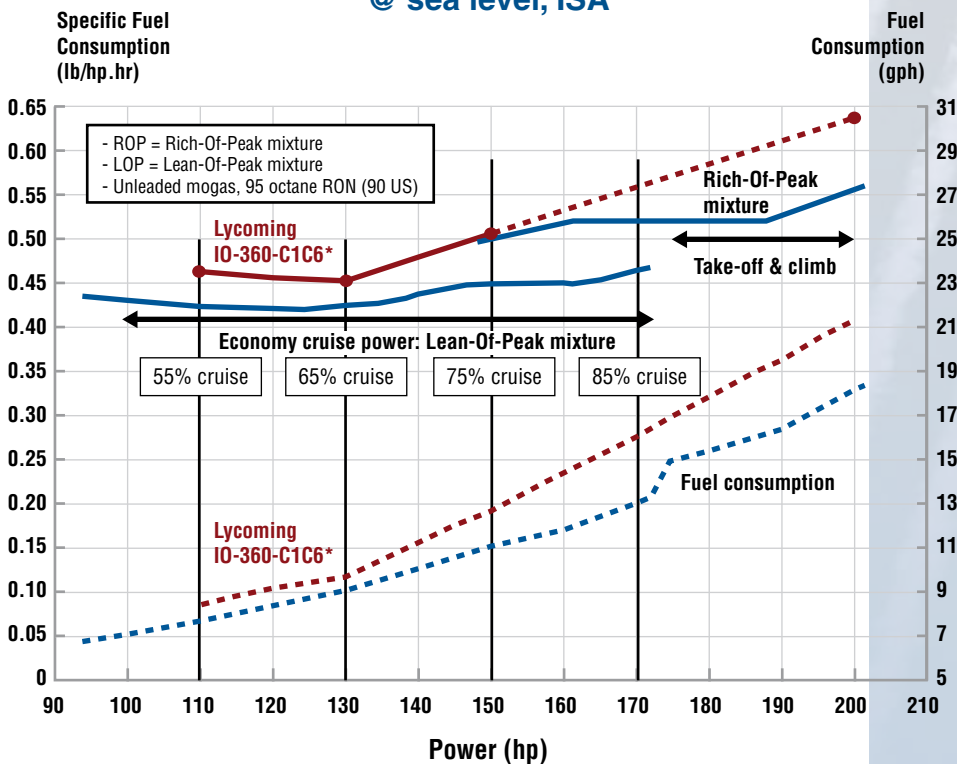
# G-200



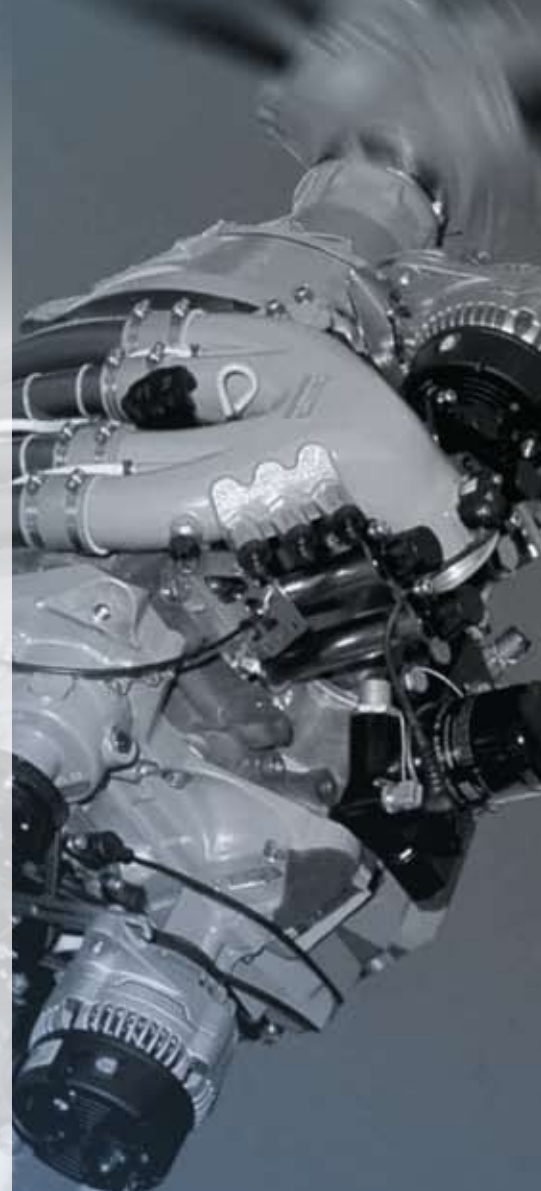
## Power, torque and specific fuel consumption (SFC) @ sea level, ISA



## Fuel consumption vs power @ sea level, ISA



\*Lycoming data from Piper Arrow Information Manual



**MISTRAL Engines SA**  
 Headquarters  
 37, ch. J.-Philibert-De-Sauvage  
 CH-1219 Vernier/Geneva  
 Switzerland  
 Tel: +41 22 795 84 00  
 Fax: +41 22 795 84 19

[sales@mistral-engines.com](mailto:sales@mistral-engines.com)  
[www.mistral-engines.com](http://www.mistral-engines.com)