

Specifications for 530 Series Engines

<p>Engine Type: Displacement: Fuel: Fuel System: Ignition System: Alternator/Starter: Lubrication: Bearings: Cooling:</p>	<p>Rotary 530cc/rotor Multi-fuel capable (gasoline, diesel, alcohol, propane, or mixed water-fuels to 50% H₂O.) Carburetion or fuel injection Magneto/C.D. 12V DC Metered oil to bearings and engine seals (lost oil system). Uses synthetic, biodegradable oil. Anti-friction roller bearings, thrust bearing. Liquid cooled housings, charge or air-cooled rotor.</p>
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No. Of Rotors	530 SERIES			
	1	2	3	4
Displacement	530cc	1060cc	1590cc	2120cc
Housing Cooling	Liquid or Air	Liquid	Liquid	Liquid
Rotor Cooling	Charge or Air	Charge or Air	Charge or Air	Charge or Air
Max. Power (Industrial)	50 HP	100 HP	150 HP	200 HP
Max. Power (High Performance)	75 HP	150 HP	225 HP	300 HP
Rated Power (Industrial)	35 HP	70 HP	105 HP	140 HP
Rated Speed (Industrial)	4500 RPM	4500 RPM	4500 RPM	4500 RPM
Max. Speed (High Performance)	6500 RPM	6500 RPM	6500 RPM	6500 RPM
S.F.C. at Rated Speed (Industrial)[†]	.4 to .5 LB/HP-HR	.4 to .5 LB/HP-HR	.4 to .5 LB/HP-HR	.4 to .5 LB/HP-HR
Engine Weight*	60 LBS	90 LBS	115 LBS	140 LBS
Dimensions L,W,H**	10 x 13 x 11 in.	16 x 11 x 11 in.	21 x 11 x 11 in.	26 x 11 x 11 in.

[†] Depending on fuel used *Includes starter, alternator, lubrication, fuel and ignition systems (no exhaust) **Long block (includes flywheel)

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