

# ANIMA-4V ENGINE MODELS 2025

Part # <b>MODEL NAME</b>	81281 <b>190GP5</b>	80733 <b>190SYS</b>	88018 <b>190FSM</b>	88392 <b>190FE</b>	89202 <b>190FZ5</b>	88025 <b>160FSM</b>	87371 <b>190FDS</b>
	Stay in Controll, Corner After Corner.	High-revving Power, Sharp response.	The Standard. Steady Power Delivery	One switch, Easy Ride	Get ready for an adventure!	Race-Proven Power, Performance 160	Our only one Dry-sump engine
	Specially optimized Gearbox keeps you in the ideal RPM range for better contoll through tight corners and straight.	ϕ 62x 55.5mm Short stroke. It responds instantly to your input, quickly reaching High-Rev Power.	The ϕ 62x62 Square stroke ensures stable Torque and Power from low to high RPM.	Easy Start & Ride with a Starter motor.  Don't forget Leg Day for your body.	With a 95W generator for headlight output and the reliable power.	Built for power and performance. With years of proven results, this engine is your key to victory in the 160cc class races.	Designed for pure Fun, With no transmission and no clutch, it's all about the fun of simplicity.
<b>Displacement</b> Bore x Stroke	<b>189.9cc</b> ϕ 66x55.5 Short-Stroke	<b>189.9cc</b> ϕ 66x55.5 Short-Stroke	<b>187.2cc</b> ϕ 62x62 Square-Stroke	<b>187.2cc</b> ϕ 62x62 Square-Stroke	<b>187.2cc</b> ϕ 62x62 Square-Stroke	<b>159.7cc</b> ϕ 62x52.9 Short-Stroke	<b>187.2cc</b> ϕ 62x62 Dry-sump
<b>Transmission</b> Shift pattern Type Gear Ratio	<b>5speed</b> 1-N2345 GP/Motard Close-Ratio	<b>4speed</b> N-1234 Standard Wide-Ratio	<b>4speed</b> N-1234 Standard Wide-Ratio	<b>5speed</b> 1-N2345 Standard Wide-Ratio	<b>5speed</b> 1-N2345 Standard Wide-Ratio	<b>4speed</b> N-1234 Standard Wide-Ratio	<b>DirectDrive</b>
<b>Starting Method</b>	Kick	Kick	Kick	E-start &Kick	Kick	Kick	Without
<b>Flywheel type</b> Features	Lightweight  Quick response, High-RPM performance	Lightweight  Quick response, High-RPM performance	Lightweight  Quick response, High-RPM performance	Heavy  Low-end Torque, Less Stalling	Heavy  Low-end Torque, Less Stalling	Lightweight  Quick response, High-RPM performance	Heavy  Low-end Torque, Less Stalling
<b>CDI type</b> Ignition timing Option Rev limit Option	Single Advance CDI - -	Single Advance CDI - -	Single Advance CDI - -	Multi-Setting Advance CDI  4 Timings 5 RPM limits	Multi-Setting Advance CDI  4 Timings 5 RPM limits	Single Advance CDI - -	Single Advance CDI - -
<b>Camshaft type</b>	High-RPM	High-RPM	High-RPM	Low-Mid	High-RPM	High-RPM	High-RPM
<b>Auxiliary Output</b>	Without	Without	Without	MAX84w Lighting ready	MAX95w Lighting ready	Without	Without