RUIZHENG RACING

Honda PCX160 Crankshaft — Specifications

Application: Honda PCX160

Version 1 — Custom Stroke-Up Crankshaft

Model	Honda PCX160
Related Applications	ADV160 / Vario160 — confirmed by specification
Engine	Single-cylinder, 4-stroke, 4-valve
Cooling	Liquid-cooled
Custom Stroke-Up Options	+6 / +10 / +14 mm
Piston Pin	14 mm
Crank Pin	Custom — confirm by specification
Application	Racing / big bore / performance upgrade
Dynamic Balancing	Available
Custom Connecting Rod	Available
OEM / ODM	Supported
Logo and Packaging	Available

Version 2 — +10 mm Stroker Crankshaft (65.5 mm Stroke)

Product Type	Performance stroker crankshaft assembly
Engine Platform	Honda eSP+ 160 4V
Engine Type	Single-cylinder, 4-stroke, SOHC
Cooling	Liquid-cooled
Reference Cylinder Bore	60.0 mm
Factory Baseline Stroke	55.5 mm
Stroke	65.5 mm
Stroke Increase	+10 mm
Crank Throw	32.75 mm
Reference Piston Pin Diameter	14 mm
Reference Connecting Rod Length	95 mm
Reference Connecting Rod Width	16 mm
Reference Big-End Bore	38 mm
Reference Crank Pin Diameter	30 mm
Reference Crank Pin Length	44.5 mm

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Reference Standard Displacement	156.9 cc
Calculated Displacement	185.2 cc (with the supplied 60 mm bore)
Applications	Honda PCX160 / ADV160 / Vario160 / Stylo160 / Click160 / Air Blade160

Version 2 — Stroke Options

Stroke Option	Total Stroke
Standard	55.5 mm
+4 mm	59.5 mm
+6 mm	61.5 mm
+10 mm	65.5 mm
+14 mm	69.5 mm

All specifications can be customized to customer sample or drawing.

MOQ 300 pcs · Samples 15–45 days · Mass production 30–60 days

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