




DLA Engines – What a Difference a Letter Makes

	<p align="center">DLA - 32cc GAS ENGINE \$275.99</p> <p>Displacement: 32cc (1.95 in³) Compression: 7.8 : 1 HP: 3.8 Hp @ 8,200 rpm Idle: 1,700 rpm Static Thrust: 19.4 pounds @ 100 m (~328 ft) (Pulling Force) Propellers: 18 x 8, 18 x 10, 19 x 8, 20 x 8 17.2 pounds @ 1800 m (~5,900 ft) Weight: 37.9 oz (Engine, Ignition, Muffler)</p>	
	<p align="center">DLA - 58cc GAS ENGINE \$357.99</p> <p>Displacement: 58cc (3.54 in³) Compression: 7.8 : 1 HP: 6.0 Hp @ 8,500 rpm Idle: 1,400 rpm Static Thrust: 33.1 pounds @ 100 m (~328 ft) (Pulling Force) 29.1 pounds @ 1800 m (~5,900ft) Propellers: 22x10, 23x8/10, 24x8 Weight: 54.8 oz (Engine, Ignition, Muffler)</p>	
	<p align="center">DLA - 64cc TWIN BOXER \$535.99</p> <p>Displacement: 64cc (3.91 in³) Compression: 7.8 : 1 HP: 7.2 Hp @ 8,500 rpm Idle: 1,400 rpm Static Thrust: 34.4 pounds @ 100 m (~328 ft) (Pulling Force) 30.4 pounds @ 1800 m (~5,900 ft) Propellers: 22x10, 23x8 /10, 24x8 Weight: 68.1 oz (Engine, Ignition, Mufflers)</p>	
	<p align="center">DLA – 116 cc TWIN BOXER \$697.99</p> <p>Displacement: 116cc (7.08 in³) Compression: 7.8 : 1 HP: 11.8 @ 7,500 rpm Idle: 1,300 rpm Static Thrust: 59.9pounds @ 100 m (~328ft) (Pulling Force) 52.5 pounds @ 1800 m (~5,900 ft) Propellers: 26x10/12, 27x10, 28x10 Weight: 96.0 oz (Engine, Ignition, Mufflers)</p>	
	<p align="center">DLA - 116cc In-LINE TWIN \$849.99</p> <p>Displacement: 116cc (7.08 in³) Compression: 7.8 : 1 HP: 12.8 @ 7,500 rpm Idle: 1,200 rpm Static Thrust: 61.8 pounds @ 100 m (~328 ft) (Pulling Force) 55.1 pounds @ 1800 m (~5,900 ft) Propellers: 27x10/12, 28x10, 29x10 Weight: 102.3 oz (6.39lbs) (Engine only)</p>	
	<p align="center">DLA - 128cc QUAD BOXER \$1,399.99</p> <p>Displacement: 128cc (7.81 in³) Compression: 7.8 : 1 HP: 13 HP @8,000 rpm Idle: 1,250 rpm Static Thrust: 61 pounds @ 100 m (~328 ft) (Pulling Force) Propellers: 27 x 10/12, 28 x 8/10, 29 x 10 Weight: 120 oz, (7.49 lbs) Engine Only</p>	

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FEATURE	ADVANTAGE	BENEFIT
CRANKCASE MATERIAL: “Aircraft Grade” 7075 Aluminum Alloy Strength of Steel but the Weight of Aluminum	<ul style="list-style-type: none"> • Better Tolerances: ± 0.01 mm, (± 0.0004”) • Better seating and seals for bearings, more Concentric 	<ul style="list-style-type: none"> • LESS VIBRATION • INCREASED DURABILITY
CNC Machined Crankcase From a Billet, Not Cast	<ul style="list-style-type: none"> • More repeatable in Mfg • Better Tolerances • Bearing Pressed in more Concentric 	<ul style="list-style-type: none"> • More Durable • Better Bearing Alignment • Less Vibration
BEARINGS: Premium FAG German Mfg.	<ul style="list-style-type: none"> • SMOOTHER RUNNING • Three Bearings to support the Crankshaft (DLA 64 & 116cc). 4 in the 128cc QUAD 	<ul style="list-style-type: none"> • LESS VIBRATION • LONGER LASTING
Crankshaft: Stronger & Higher Grade Steel	<ul style="list-style-type: none"> • Stronger • Straighter • Tolerances ± 0.01 mm • Precision Alignment to Bearings 	<ul style="list-style-type: none"> • More Durable • Less Vibration • Less “Run-Out”
Self Centering Prop Shaft and Hub	<ul style="list-style-type: none"> • Mutually Concentric-Tapered Prop-hub and Prop-Shaft Extension 	<ul style="list-style-type: none"> • Less Run-Out”: ± 0.01 mm
Carburetors: Standardized on USA Brands (not “clones”)	Tillotson: (DLA 32cc), Walbro: (DLA 58, 64, 116cc, 116ccLL, 128cc), “WT-xx, WT-xx & WJ-xx” Series	<ul style="list-style-type: none"> • EASIER TO TUNE • MORE STABLE • MORE RELIABLE • EASY TO SERVICE
Prop-Shaft Extension:	<ul style="list-style-type: none"> • Stronger Alloy Steel • More Concentric • Weight Decreased 	<ul style="list-style-type: none"> • Less Run-Out • Less Vibration • More Stable
IGNITION: DLA Exclusive Redesigned and Tested for Less Electro Magnetic Interference (EMI)	<ul style="list-style-type: none"> • Designed and Tested to Meet the European Norms “CE” compliant, vs. FCC Part 15, class B European Norms are much stricter and assure less EMI and less interference with radios 	<ul style="list-style-type: none"> • Reduces or Eliminates Radio Receiver and Servo Interference.
Mufflers:	Redesigned: Stronger with Vibration Resistant Gaskets	<ul style="list-style-type: none"> • Increased Power • Reduced Noise
Service, USA Base	Parts Stocked in the USA	<ul style="list-style-type: none"> • Less Expensive • Faster Turn around
Warranty	Three (3) years: 32, 58, 64, 116 Two (2) years: 116-12, 128cc	<ul style="list-style-type: none"> • Superior