HIRTH ENGINES

23 SERIES

2302

- 50 HP
- Air Cooled
- 2-Stroke
- World Standard Power-to-Weight Ratio
- Fit to Take on any Challenge in Light Aviation

DESCRIPTION

High-Performance Two-Stroke for Ultralight Aviation.

The 2302 engine from the 23 Series is a high-efficiency, air-cooled two-stroke engine designed specifically for ultralight aviation applications. Perfectly suited for aircraft and aerial devices weighing up to 120 kg, it delivers an impressive 50 horsepower, setting new benchmarks in the power-to-weight ratio category.

Choose the 2302 from the 23 Series – an ultralight aircraft engine that combines power, durability, and lightweight design in one compact and proven package.

over 90 years in Aviation

www.hirthengines.com

2302

TECHNICAL SPECIFICATION:

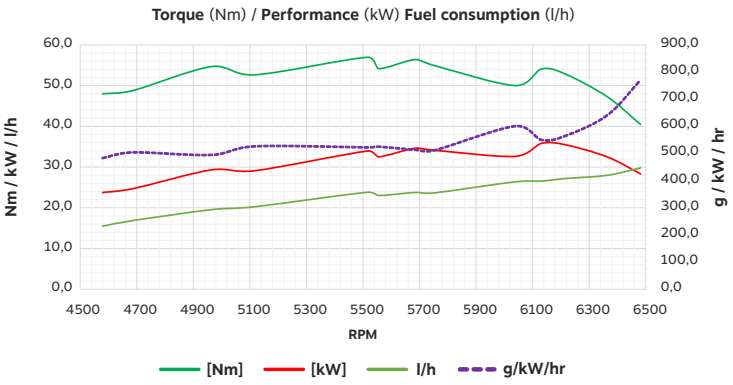
TYPE	
Cylinder	Two-Stroke
Starting Device	Electrical Starter / Starter Generator
Running Direction	CW
Cooling	Air Cooled
Ignition	Dual
Exhaust	Normal

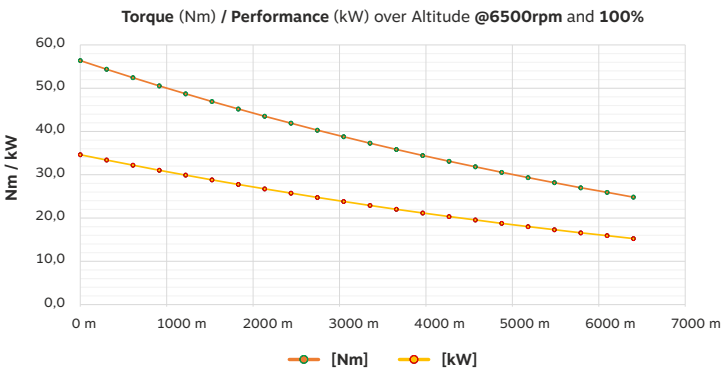
PERFORMANCE	kW	HP	Nm
Power measured (full throttle)	32,00	43,52	46,00
Power measured (best point)	36,00	48,96	58,00
Specific fuel consumption @6500rpm		(g/kWh)	660,00
Specific fuel consumption @best point (70-80% load, 1/2 rated speed)		(g/kWh)	550,00
Speed		RPM	6500

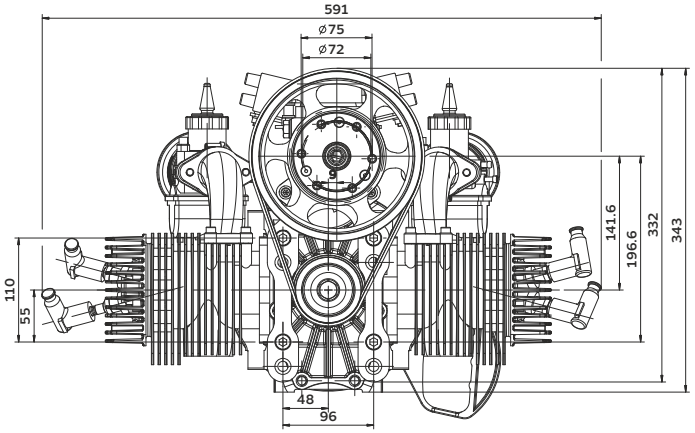
MEASUREMENTS	mm	in
Stroke	64,00	2,52
Bore	72,00	2,83
Length	446,00	17,56
Width	473,00	18,62
Height	450,00	17,72

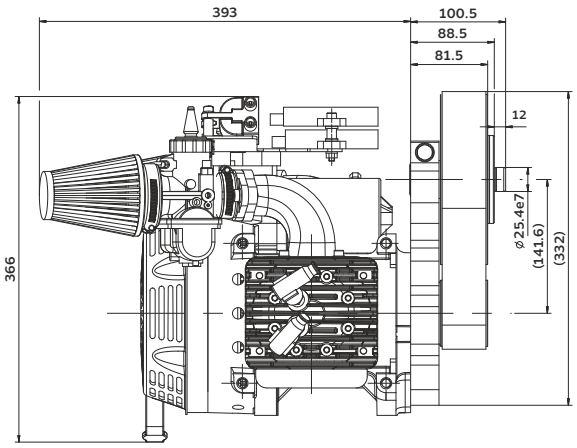
WEIGHT	kg	lbs
Weight without exhaust	30,20	66,58
Weight Exhaust	3,80	8,38

FUEL	
	Petrol
	AVGAS









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