Forged in Quality.
Driven by Innovation.

HIRTH ENGINES

42 SERIES

4202

ENGINE TYPE
Two Stroke Boxer

COOLING
Air Cooled

MEASURED POWER
12,7 HP

FUEL TYPE
Kerosene

Best Performance for Unmanned Aerial Vehicles (UAV)

42 Series air-cooled two-stroke engines use advanced closed-loop control to deliver reliable, lightweight UAV propulsion in tough conditions. The new 4202 Heavy Fuel Engine tops the 15-HP class for power-to-weight and durability, based on the proven 4201 gasoline platform and optimized for JET-A1 after extensive endurance testing.

With high TBO and low maintenance, the 42 Series is a compact, efficient choice for UAVs and drones needing dependable heavy-fuel performance.

#The-Power-of-Hirth
www.hirthengines.com

42 SERIES

4202

TECHNICAL SPECIFICATION:

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

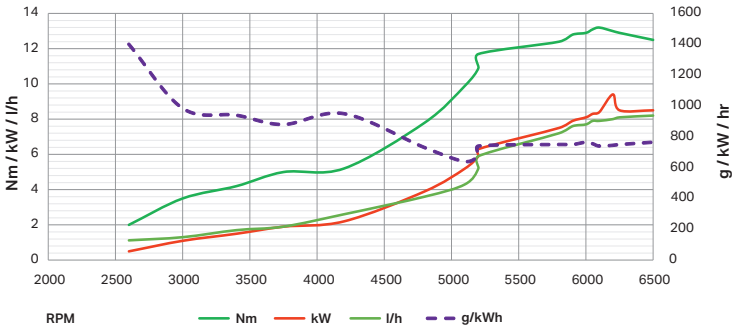
PERFORMANCE	kW	HP	Nm
Power measured (full throttle)	9,22	11,36	12,50
Power measured (best point)	9,40	12,61	13,20
Specific fuel consumption @6500rpm		(g/kWh)	550,00
Specific fuel consumption @best point (70-80% load, 1/2 rated speed)		(g/kWh)	400,52
Speed		RPM	6500

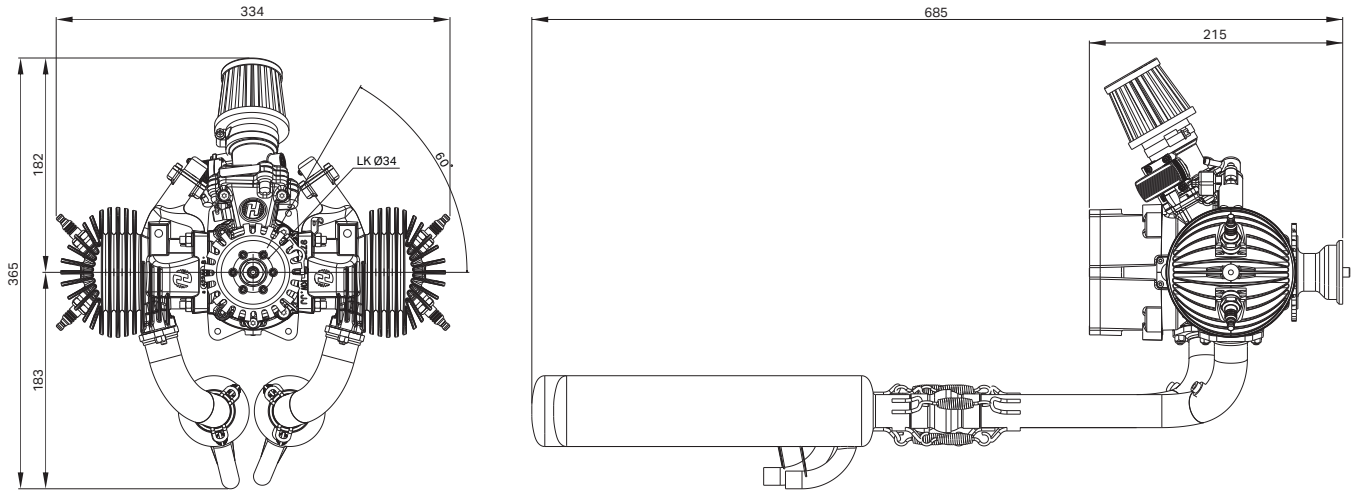
MEASUREMENTS	mm	in
Stroke	40,00	1,57
Bore	54,00	2,13
Length	214,50	8,44
Width	339,80	13,38
Height	239,70	9,44

WEIGHT	kg	lbs
Weight without exhaust	8,17	18,01
Weight Exhaust	1,13	2,49

FUEL	Petrol
	Jet A, Jet A1, JP5, JP8

Torque (Nm) / **Performance** (kW) **Fuel consumation** (l/h) & (g/kW/hr)





Hirth Engines GmbH
Max-Eyth-Straße 10
71726 Benningen am Neckar

Phone: **+49 7144 8551 0**
sales@hirthengines.com

International Sales Support by:
www.hirth-global-sales.com

www.hirthengines.com