Forged in Quality.
Driven by Innovation.

HIRTH ENGINES

35 SERIES

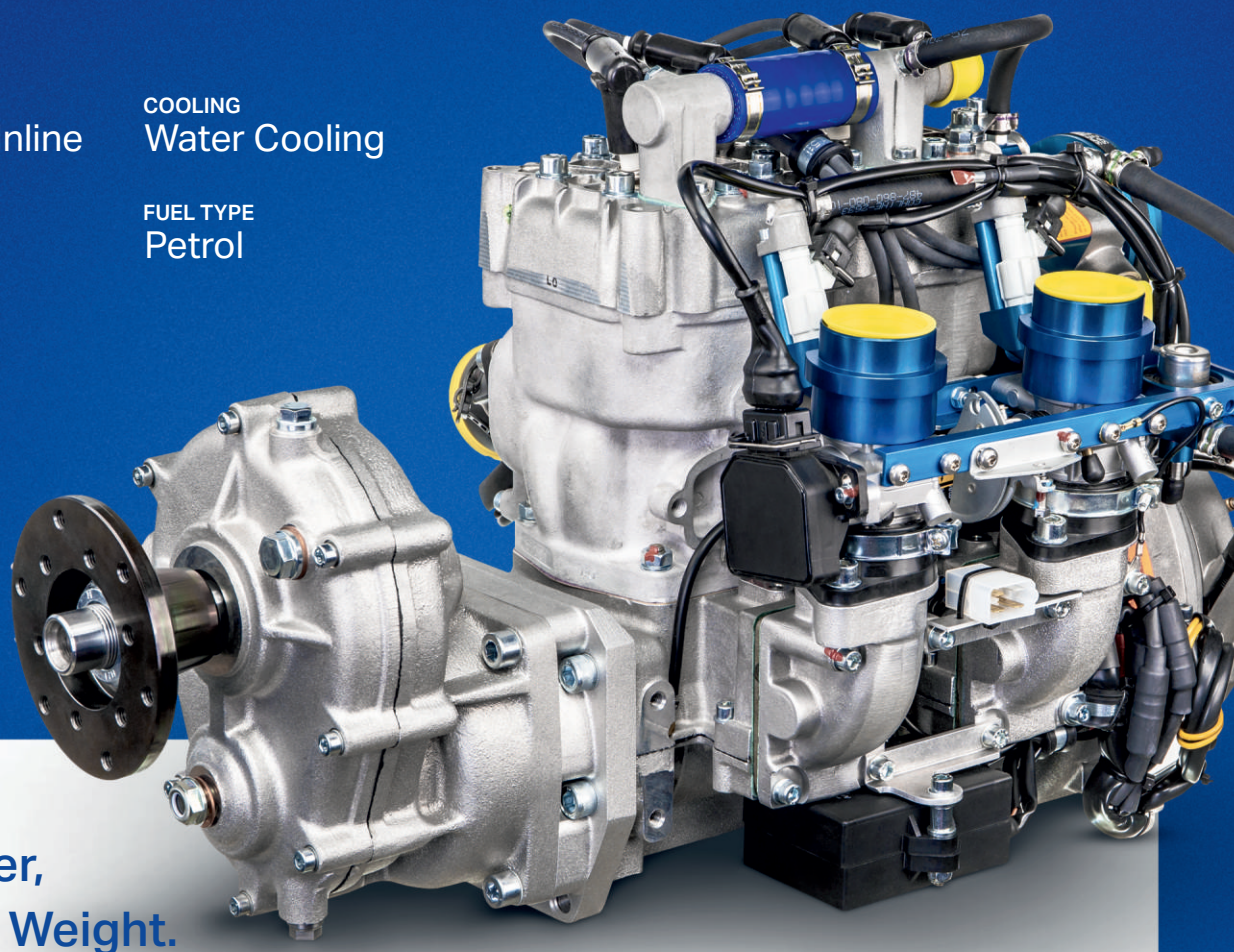
3503

ENGINE TYPE
Two Stroke Inline

COOLING
Water Cooling

MEASURED POWER
70 HP

FUEL TYPE
Petrol



Max Power, Minimum Weight.

The 35 Series liquid cooled two-stroke engines offer the maximum power-to-weight ratios available in the 70-horsepower market.

Offers an ideal choice for use in light and ultralight aviation, hovercraft, gyro and helicopters and all applications where weight could be an issue.

This engine series offer a time between overhauls of 1000 hours at 75% power and is fit to take on any challenge in the future.

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

35 SERIES

3503

TECHNICAL SPECIFICATION:

TYPE	
Cylinder	Two-Stroke
Starting Device	Starter, Hand Starter
Running Direction	CW
Cooling	Water cooled
Ignition	Single / Dual ignition (optional)
Exhaust	Normal

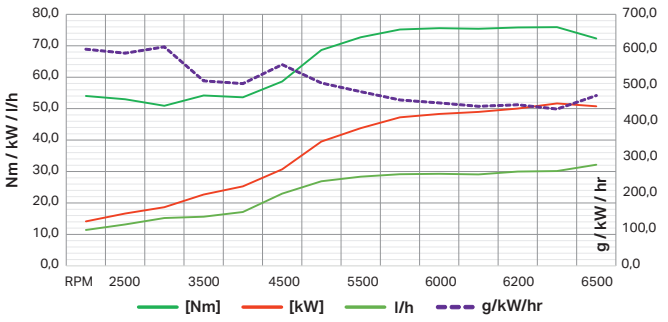
PERFORMANCE	kW	HP	Nm
Power measured (full throttle)	51,67	70,27	73,30
Power measured (best point)	51,67	70,27	73,30
Specific fuel consumption @6500rpm		(g/kWh)	436,43
Specific fuel consumption @best point (70-80% load, 1/2 rated speed)		(g/kWh)	436,43
Speed		RPM	6500

MEASUREMENTS	mm	in
Stroke	69,00	2,72
Bore	76,00	2,99
Length	456,00	17,95
Width	396,00	15,59
Height	411,00	16,18

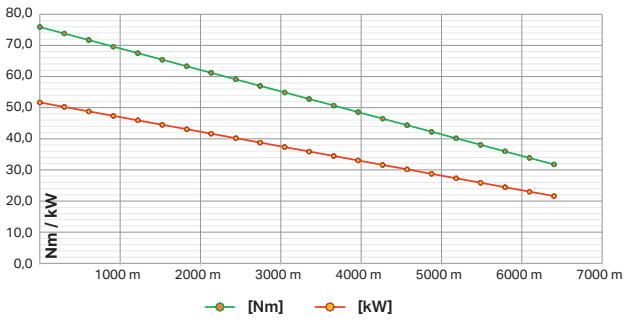
WEIGHT	kg	lbs
Weight without exhaust	33,50	73,85
Weight Exhaust	2,50	5,51

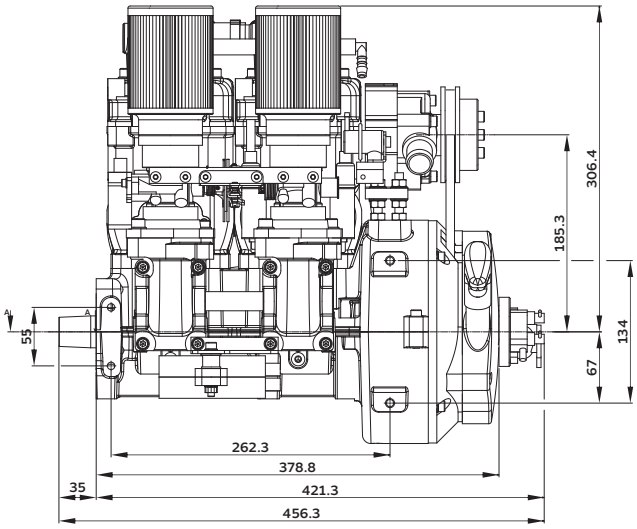
FUEL	Petrol
	Gasoline

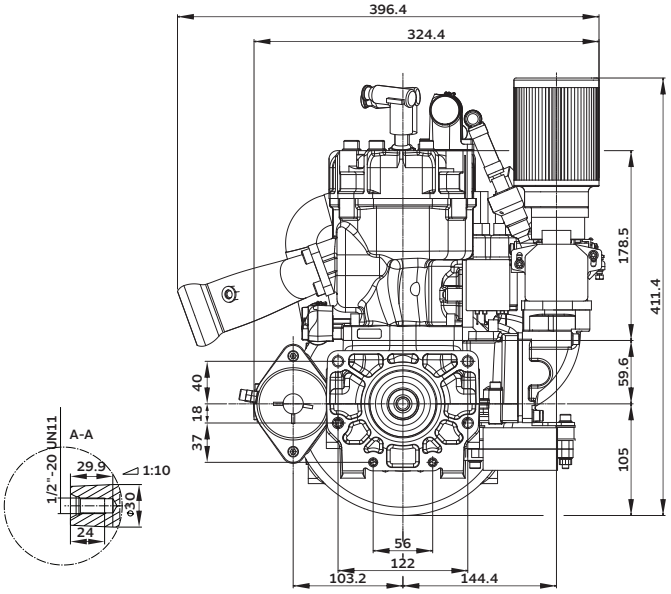
Torque (Nm) **/ Performance** (kW) **Fuel consumation** (l/h) & (g/kW/hr)



Torque (Nm) **/ Performance** (kW) **over Altitude** @6500rpm and 100%







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