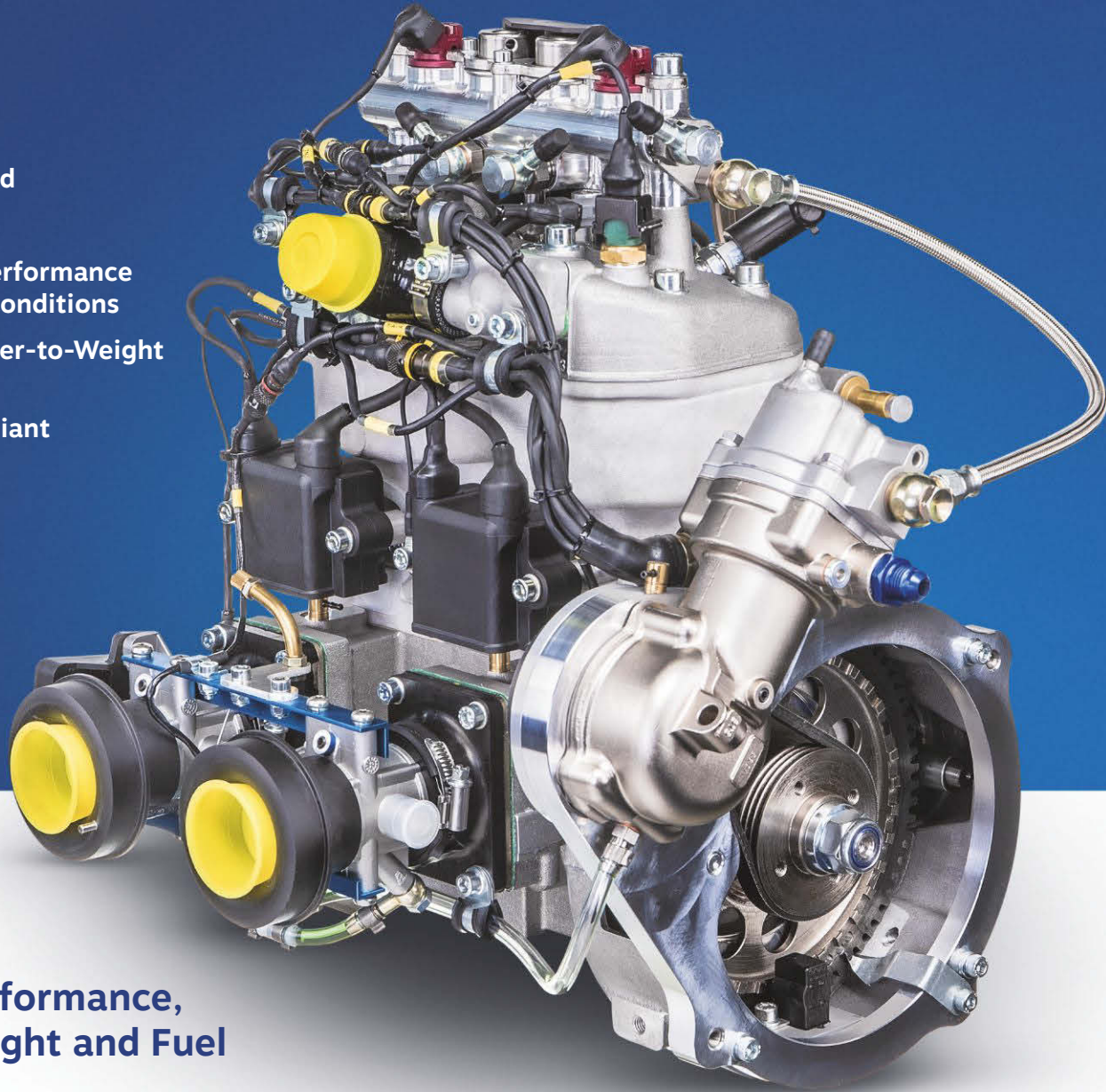


35 HF

# 35 Series

- 60 HP
- 2-Stroke
- Liquid Cooled
- Heavy Fuel
- Maximum Performance in Extreme Conditions
- Highest Power-to-Weight Ratio
- NATO Compliant



## DESCRIPTION

### High Performance, Lightweight and Fuel Efficient

The 35 HF is a water cooled, reed valve controlled 2-cylinder-inline-2-stroke engine with air assisted direct injection.

This liquid cooled 2-stroke powerhouse offers maximum power-to-weight ratio and extreme operational range in all conditions. The 3504 HF is Heavy Fuel ready and NATO compliant, providing a superior propulsion system for maritime, military and civilian machines.

Recognised for its exceptional performance and durability, the 35HF offers a time between overhauls of 1000 hours.



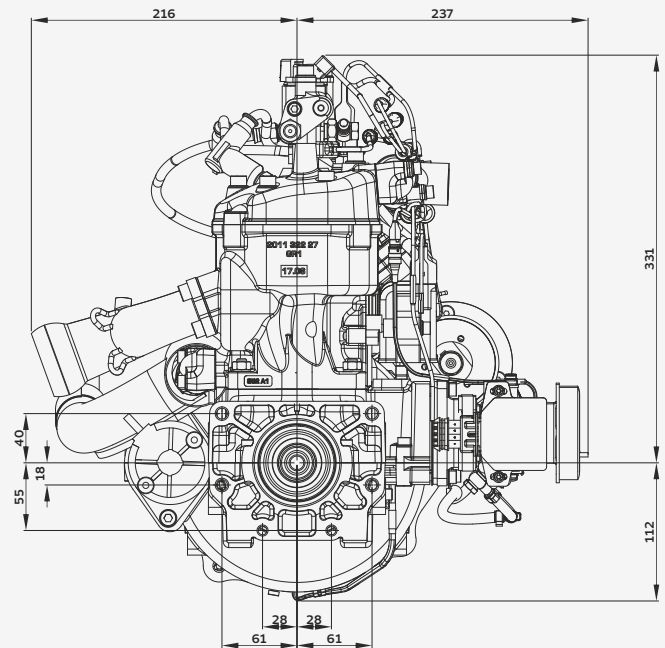
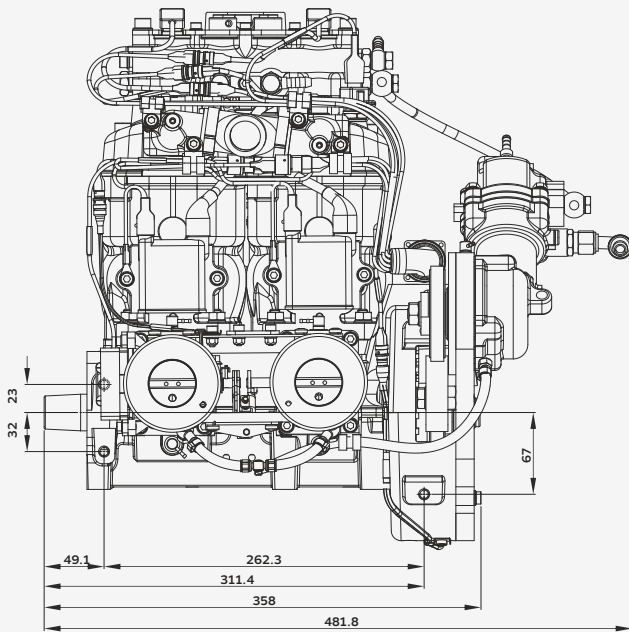
35HF

# 35 Series



TECHNICAL SPECIFICATION:

<b>TYPE:</b>	<b>Two cylinder</b> two stroke (inline)	<b>WEIGHT:</b>	<b>36 kg (79,0 lb)</b> with exhaust and water in the engine
<b>DISPLACEMENT:</b>	<b>625 cm<sup>3</sup></b> (38,1 in <sup>3</sup> )	<b>LENGTH:</b>	<b>481,8 mm</b> (18.97 in)
<b>STROKE:</b>	<b>69 mm</b> (2,72 in)	<b>WIDTH:</b>	<b>453 mm</b> (17.83 in)
<b>BORE:</b>	<b>76 mm</b> (2,99 in)	<b>HEIGHT:</b>	<b>443 mm</b> (147.44 in)
<b>MAX. PERFORMANCE:</b>	<b>44 kW (60HP)</b> at 6300 rpm According to DIN 70020 Specification with 194°F coolant	<b>STARTING DEVICE:</b>	<b>Electric start</b>
<b>MAX. TORQUE:</b>	<b>67.5 Nm (57.0 ft.lb)</b> at 6000 rpm	<b>RUNNING DIRECTION:</b>	<b>Counter-clockwise</b> , view to output shaft
<b>CARBURATION:</b>	<b>Air-assisted direct injection</b>	<b>COOLING:</b>	<b>Liquid cooling</b>
<b>IGNITION SYSTEM:</b>	<b>Electronic ignition controlled by the engine ECU</b>	<b>FUEL MIXTURE:</b>	Kerosene based fuels like <b>Jet A, Jet A1, JP5, JP8</b>



OPTIONS

- Gear box **G 50** (1:2.16/1:2.29/1:2.59/1:3.16/1:3.65)
- Integrated starter / generator **1-3kW / 28V**
- Electronic throttle control via integrated servo
- Heavy Fuel capability

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