

WILFIRE AESIR VORTEX P7M LIGHT KIT MOTOR PUMP

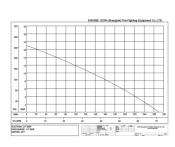
https://www.securhit.com/en/fire-pump/1141-motopompe-feux-de-forets-aesir-vortex-p7m-light-kit.html

Fire pump for forest firefighting









Description

The Vortex P7M is a lightweight, high pressure centrifugal pump.

It can draw from a water source (tank, pool, river, etc.), a fire hydrant or be used as a relay.

It is one of the fire engines designed for forest fire fighting that offers the best weight/performance ratio on the market. It is used in hard-to-reach places that fire engines cannot reach.

The unit includes a Dual Cooling system with forced air and water recovery circuit, an exhaust that reduces the perceived sound volume by half, electric start (battery optional) and a manual recoil starter, a digital engine overspeed control switch, and a hand priming pump An extension for foam injection is available as an option.

TECHNICAL SPECIFICATIONS

Pump

Type: Centrifuge.

Suction: 2 inches BSP male. Discharge: 1-1/2 inch BSP male.

Body / Impeller: Anodized aluminum alloy, lightweight and highly resistant.

Transmission Shaft: The horizontal transmission shaft of the engine is used to drive the pump. The

assembly is protected against corrosion with a bronze sleeve.

Mechanical Seal: Self-adjustable, self-lubricated, specific SiC seat for wear and shock resistance.

Priming: Compact hand priming pump in anodized aluminum alloy.

Engine Brand: ODIN

Type: Single cylinder, two-stroke gasoline.

Power: 10 HP at 7,000 RPM.

Overspeed Switch: Digital ignition module.

Cooling: Forced air and water

Air Filter: A metal grid protects from impurities.

Fuel Filter: 75 micron fuel filter, integrated into the fuel tank.

Capacity: 135 CC.

Engine Starting: By manual recoil starter and/or electric with optional auxiliary battery.



Fuel Mixture Ratio: Gasoline: oil = 30: 1 (oil must be suitable for 2-stroke engines).

Fuel Tank: 12-liter jerrycan with a hose equipped with quick connectors.

Performance Data (Vortex P7M)
Maximum Discharge Pressure: 17 bar.

Maximum Flow Rate: 270 L/min.

Pump Performance at 3m Suction Height:

195 l/min @ 6 bar 165 l/min @ 8 bar 135 l/min @ 10 bar. Weight: 10.8 kg.

Dimensions (L x W x H): $340 \times 388 \times 190 \text{ mm}$ (without fittings).

Engine Start: Manual and electric start (battery optional).

Cooling: Forced air and water

Start Time Below 5 Degrees: 3.1 sec. Fuel Tank: 12 L (4 hours of autonomy).

Caractéristiques

- Weight: 10.8 kg

- Discharge pressure : Jusqu'à 17 bar

- Maximum flow: 270 L/min