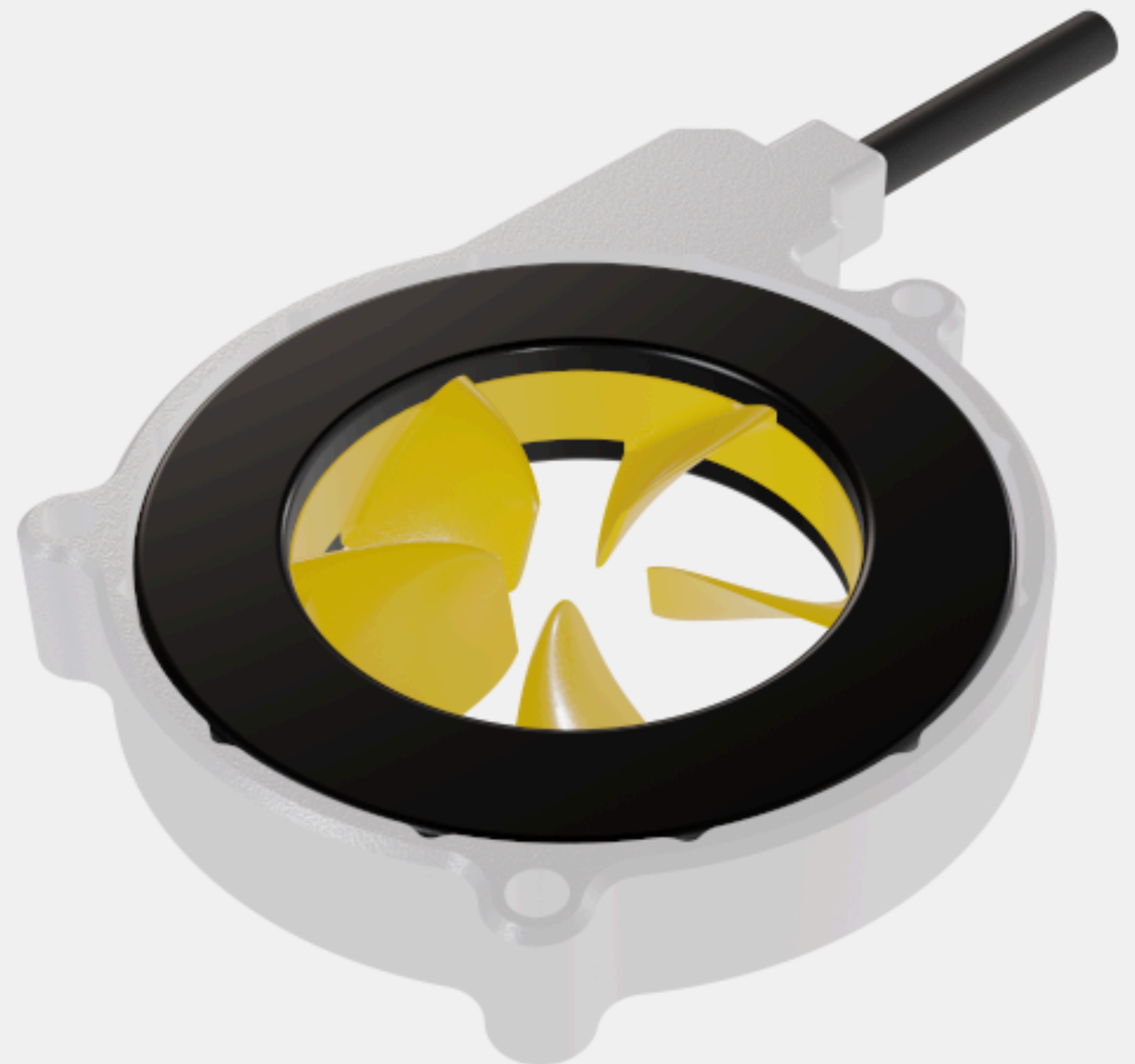


# DISKDRIVE™ 50

The DISKDRIVE™ 50 mixer is an ultra-slim, rim-driven, direct-drive propulsion unit designed for robust and efficient liquid flow performance. Its hubless propeller design minimizes the risk of entanglement from debris or vegetation, while its hydro-lubricated rotor ensures a completely oil-free, pressure-proof operation without dynamic seals.

The propeller is easily replaceable without tools, with a clockwise propeller included, and optional anti-clockwise versions available upon request. It comes with a CW propeller installed and a spare CCW propeller in the box.

Compact and low-profile, the DISKDRIVE™ 50 is ideal for liquid flow and gas-liquid mixing environments.



## OPERATIONAL SPECIFICATIONS

<b>Supply Voltage</b>	12 - 16 V
<b>Maximum Current</b>	25 A
<b>Maximum RPM</b>	3800
<b>Thrust at 16V</b>	3.0 kgf
<b>Thrust at 12V</b>	2.1 kgf
<b>Interface</b>	3-phase brushless sensorless control
<b>Control</b>	Compatible with most ESCs
<b>Depth Rating</b>	300 m (984 ft)

## PHYSICAL SPECIFICATIONS

<b>Outer Dimensions (LxWxH)</b>	82 x 95 x 15 mm (3.23 x 3.74 x 0.59 in)
<b>Propeller Diameter</b>	50 mm (1.97 in)
<b>Weight (No cCable)</b>	175 g (6 oz)
<b>Cable Dimensions</b>	Ø 6.0 mm x 1.0 m
<b>Mounting Holes</b>	3 x Ø 5 mm



info@hydromea.com

V1.241007

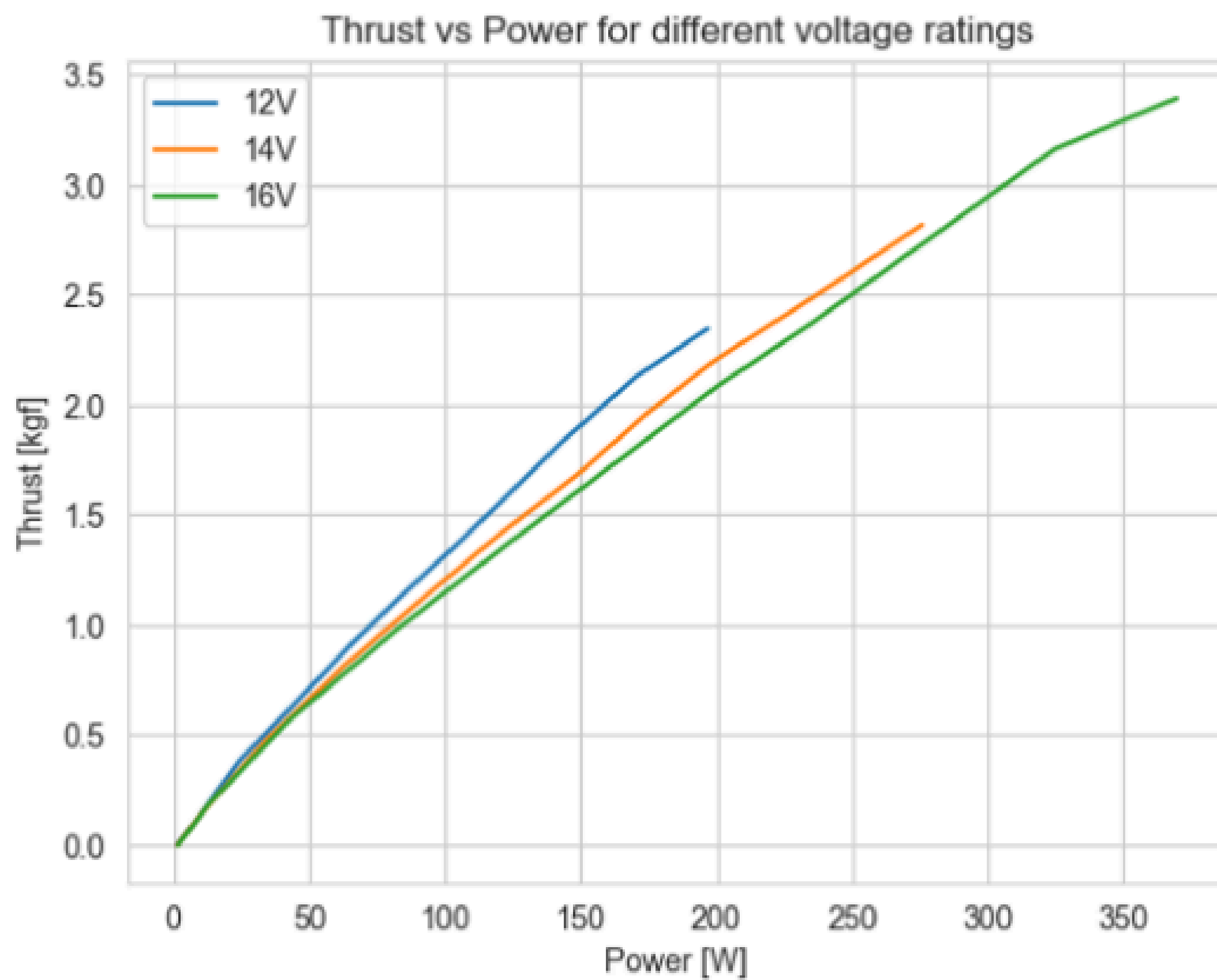
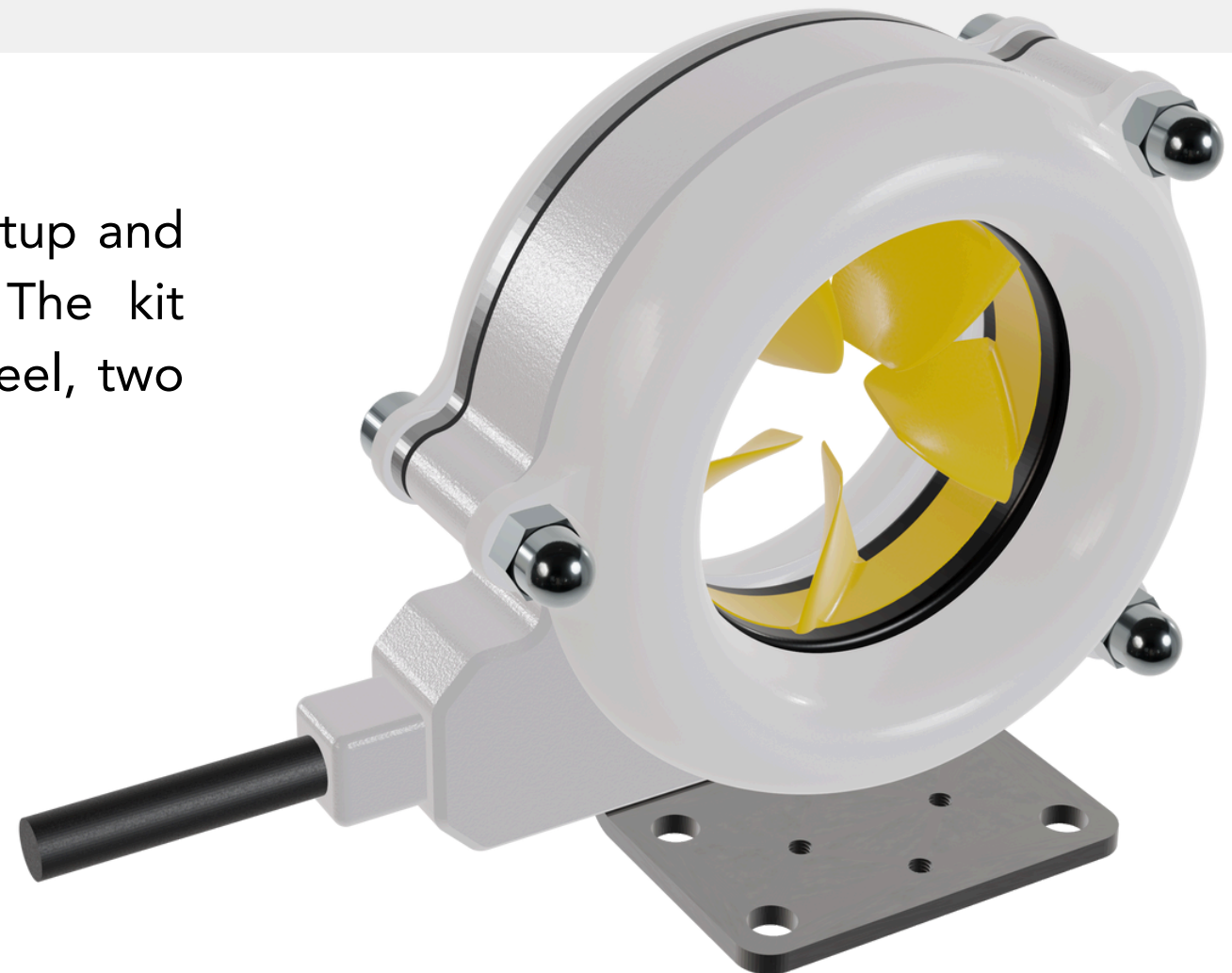
HYDROMEAL

# DISKDRIVE™ 50

## PERFORMANCE SPECIFICATIONS

ALL MEASUREMENTS WERE TAKEN USING HYDROMEAS DISKDRIVE 50 HYDRO DUCTS

The DISKDRIVE™ 50 Mixer Kit allows for easy setup and optimal efficiency for testing and installation. The kit includes a mounting bracket made of stainless steel, two flow ducts, and three connector bolts.



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HYDROMEAS

# DISKDRIVE™ 50

## PERFORMANCE SPECIFICATIONS

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