



'BOTTOM RUNNER' THRUSTERS

Designed for installation on ROV and UUV

Can operate in harsh environment for a long time
Maximum working depth is 3000 m

High power, compact size
Fast and efficient mounting as per individual project requirements



	Bottom Runner 1500	Bottom Runner 2500	Bottom Runner 3500	Bottom Runner 4500
Power	1500 W	2500 W	3500 W	4500 W
Propulsive thrust	30 kg	50 kg	70 kg	90 kg
Propeller diameter	240 mm	240 mm	240 mm	240 mm
Supply voltage	240 V AC, 3-phase	240 V AC, 3-phase	240 V AC, 3-phase	240 V AC, 3-phase
Length	267 mm	296 mm	319 mm	354 mm
Weight (in air)	5.6 kg	6.4 kg	7.6 kg	8.7 kg
Weight (in water)	3.8 kg	4.7 kg	5.6 kg	6.5 kg
Working depth	3000 m	3000 m	3000 m	3000 m
Working temperature	-10 ÷ +50 °C	-10 ÷ +50 °C	-10 ÷ +50 °C	-10 ÷ +50 °C
Housing material	Anodized aluminium	Anodized aluminium	Anodized aluminium	Anodized aluminium
Connector	Subconn BH10M	Subconn BH10M	Subconn BH10M	Subconn BH10M

Brushless synchronous and asynchronous motors driver

Variable power 5 kW (up to 15 kW optionally)

Input voltage range 280 ÷ 360 V DC (470 ÷ 600 V DC optionally) + 24 V DC 0.1 Akg

Output voltage range 240 V AC (380 V AC optionally), 3 phases

Rotation speed adjustment Analogue 0 ÷ 5 V DC

Inputs and outputs control TTL 3 ÷ 5 V DC

Electronic protection Galvanic isolation of signal and power circuits
High-speed electronic protection



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