

Arka Out 7,5 kW

Technical data	Motor	
Motortype	SMPM	
Framezise	71	EL
Nominal Bus voltage	48	VDC
Model	POD	
Maximum stator current	388,87	A
Rated speed	1500	min ¹
Rated Voltage	48	VDC
Min. Voltage	43,2	VDC
Motor constant	0,28	Nm/A
Rated Phase Current	184,68	A
rated Torque	51,71	Nm
Rated power S1 @ 48VDC 1500rpm	8123	Watt
Peak power S2-10	13827	Watt
Constant Electric	18,00	V/k-rpm
Induction Ls	0,022	mH
Resistanse of winding	9,459	mΩ
Winding class	F	
Max. operating temperature	120	°C
Weight	26	kg
Efficiency @ rated speed-torque	94,05	%
Number of poles	12	

Torque map	RPM	Nm
Standstill Peak	0	110,00
Limit point	1210	109,12
No load Max	1780	2,54
Standstill Nominal	0	56,29
Utilizable	1560	50,71
No load Max	1780	2,54

Controller		
Type	48-450	
Nominal voltage	48	VDC
continuos current (60min.)	180	A
Peak current (2min.)	450	A
Boost current (10sec.)	540	A
Cooling	Heatsink	
Max. amb. Temp.	42	°C
Efficiency	95,5	%

Propeller (not included)		
Material	Brass	
Diameter (aprox.)	12	Inch
For shaft diameter	25	mm
Weight	3,2	kg
Type	Key drive	

Transom mount	Max transom height	
Short	15	Inch
Long	20	Inch
Extra Long	25	Inch

Optional:
Remote control (wired) including:
Joystick
Battery minitor
Rudder lever
Keyswitch

Motordata according to: IEC 60034-1:2022