

Arka Out 1,0 kW

Technical data	Motor	
Motortype	SMPM	
Framezise	50	XS
Nominal Bus voltage	24	VDC
Model	POD	
Maximum stator current	87,67	A
Rated speed	1500	min ¹
Rated Voltage	24	VDC
Min. Voltage	21,6	VDC
Motor constant	0,1171	Nm/A
Rated Phase Current	53,186	A
rated Torque	6,4525	Nm
Rated power S1 @ 24VDC 1500rpm	1014	Watt
Peak power S2-10	1753	Watt
Constant Electric	7,62	V/k-rpm
Induction Ls	0,175	mH
Resistanse of winding	40,33	mΩ
Winding class	F	
Max. operating temperature	120	°C
Weight	19	kg
Efficiency @ rated speed-torque	92,91	%
Number of poles	12	

Torque map	RPM	Nm
Standstill Peak	0	10,50
Limit point	1610	10,40
No load Max	2220	0,21
Standstill Nominal	0	4,76
Utilizable	1980	4,29
No load Max	2220	0,21

Controller		
Type	24-300	
Nominal voltage	24	VDC
continuos current (60min.)	120	A
Peak current (2min.)	300	A
Boost current (10sec.)	360	A
Cooling	Heatsink	
Max. amb. Temp.	42	°C
Efficiency	95,4	%

Propeller		
Material	Aluminium	
Dimensions	7 X 7	Inch
For shaft diameter	16	mm
Weight	0,7	kg
Type	Pin 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