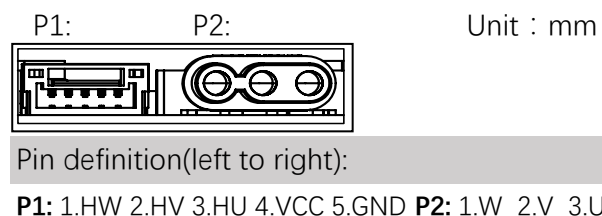


Signal connector (P1):	GH1.25-F-5P
Signal cable :	GH5P-M-28AWG-15cm
Phase connector (P2) :	AMASS MR30PW-F
Phase cable:	MR30-M-22AWG-15cm



General Characteristics :

General Features Unit

Diameter		42
Body length	mm	63.8
Output shaft diam.	mm	8
Output shaft length	mm	22

Motor Features

Motor type	BLDC outrunner	
Motor model	MX3310KV200HA	
Pole pairs	7	
Number of phases	3	
*For more motor features please refer datasheet "MX3310KV200HA".		

Gearbox Features Unit

Gearbox model	GP42L1A	
Gearbox type	Planetary	
Gearbox ratio	K	3.7
Gearbox stages	1	
Gearbox diameter	mm	42
Gearbox length	mm	31.8
Gearbox efficiency	80%-90%	
Operating torque	kg*cm	20
Braking torque	kg*cm	60

Nominal & Stall Unit

Gearbox ratio	K	3.7	3.7
Nominal voltage	V	12	24
Noload speed	rpm	616	1232
Nominal speed	rpm	385	873
Nominal torque	Nm	0.4	0.7
Nominal current	A	2.3	3.9
Maximal power	W	16	63
Maximal efficiency		72%	77%
Stall torque*	Nm	1	1.5
Stall current*	A	6.5	9

Attention: Stall operation is not recommended, please do necessary protection to avoid irreparable damage!

*In case specific shaft, connector, or any other features need to be customized, please visit www.damoto.tech and contact us.