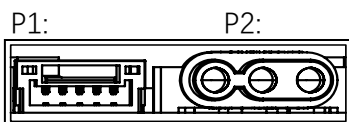


Signal connector: GH1.25-F-5P
Signal cable : GH5P-M-28AWG-15cm
Phase connector : MR30PW-F
Phase cable: MR30-M-18AWG-15cm



Unit : mm

Pin definition(left to right):

P1: 1.HW 2.HV 3.HU 4.VCC 5.GND **P2:** 1.W 2.V 3.U

General Characteristics :

Basic Dimensions Unit

Diameter	mm	56/62
Body length	mm	95.9
Output shaft diam.	mm	12
Output shaft length	mm	28

Motor Features Unit

Motor type	BLDC outrunner		
Motor model	MX5310KV200HA		
Pole pairs	7		
Number of phases	3		
*For more motor features please refer datasheet "MX5310KV200HA".			

Gearbox Features Unit

Gearbox model	GP56L3A	
Gearbox type	Planetary	
Gearbox ratio	K	46.7/69
Gearbox levels	3	
Gearbox diameter	mm	56
Gearbox length	mm	59.9
Gearbox efficiency	70%	
Operating torque	kg*cm	400
Brakeing torque	kg*cm	1200

Nominal & Stall Unit

Gearbox ratio	K	46.7	69	102
Nominal voltage	V	24	24	24
Noload speed	rpm	95	64	43
Nominal speed	rpm	73	50	37
Nominal torque	Nm	19	27.9	24
Nominal current	A	14	14.3	8
Maximal power	W	250	250	250
Maximal efficiency		60%	60%	60%
Stall torque*	Nm	84	124	184
Stall current*	A	45	45	45

*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.