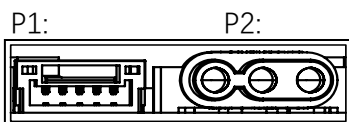


Signal connector: GH1.25-F-5P
 Signal cable : GH5P-M-28AWG-15cm
 Phase connector : MR30PW-F
 Phase cable: MR30-M-18AWG-15cm



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	102
Nominal voltage	V	24
Noload speed	rpm	43
Nominal speed	rpm	37
Nominal torque	Nm	24
Nominal current	A	7.5
Maximal power	W	250
Maximal efficiency		60%
Stall torque*	Nm	184
Stall current*	A	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.