



Unit:mm

Connector: GH1.25-F-8P

Cable: GH8P-M-28AWG-15cm

Pin definition(left to right):

1.HW 2.HV 3.HU 4.GND 5.VCC 6.W 7.V 8.U

General Characteris les						
Basic Dimensions	Unit		Motor Features	Unit		
Diametier		28	Motor type			BLDC outrun
Body length	mm	42.2	Motor model			MX2210KV360I
Output shaft diameter	mm	6	Pole pairs			
Output shaft lenghth	mm	15.15	Number of phases			
			*For more motor feature	es please	e refer dat	tasheet "MX2210KV360l
Gearbox Features	Unit		Nominal & Stall	Unit		
			Gearbox ratio	K	3.3	3.3
Gearbox model		GP28L1A	Nominal voltage	V	12	24
Gearbox type		Planetary	Noload speed	rpm	1303	2606
Gearbox ratio	K	3.3	Nominal speed	rpm	1000	2182
Gearbox levels		1	Nominal torque	Nm	0.1	0.15
Gearbox diameter	mm	28	Nominal current	А	1.4	1.9
Gearbox length	mm	16.2	Maximal power	W	15	45
Gearbox efficiency		90%	Maximal efficiency		75%	76%
Operating torque	kg*cm	5	Stall torque	mNm	347	693
Brakeing torque	kg*cm	15	Stall current	Α	4.5	8

^{*}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.