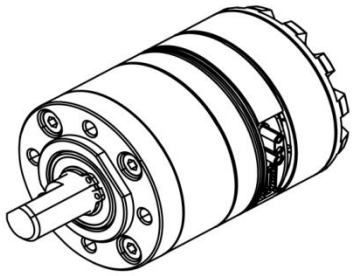
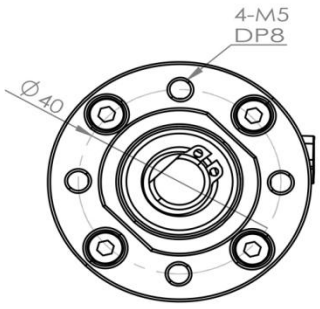
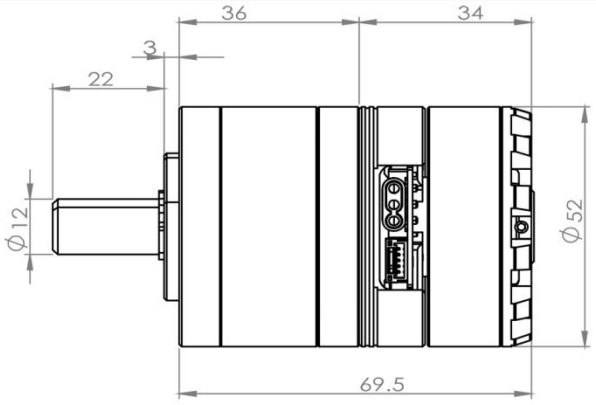
MX4210KV150HA-GP52L1A







Unit:mm

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



Pin definition(left to right):

HW HV HU 5V GND W V U

General Characteristics：

Basic Dimensions

	Unit	
Diametier	mm	52
Body length	mm	69.5
Output shaft diameter	mm	12
Output shaft lenghth	mm	22

Motor Features

	Unit
Motor type	BLDC outrunner
Motor model	MX4210KV150HA
Pole pairs	7
Number of phases	3

*For more motor features please refer datasheet "MX4210KV150HA".

Gearbox Features

	Unit	
Gearbox model		GP52L1A
Gearbox type		Planetary
Gear ratio	K	3.7/5.2
Gearbox levels		1
Gearbox diameter	mm	52
Gearbox length	mm	36
Gearbox efficiency		90%
Operating torque	kg*cm	30
Brakeing torque	kg*cm	90

Nominal & Stall

	Unit				
Gear ratio	K	3.7	5.2	3.7	5.2
Nominal voltage	V	24	24	48	48
Noload speed	rpm	973	692	1946	1385
Nominal speed	rpm	689	490	838	596
Nominal torque	mNm	1036	1456	2072	2912
Nominal current	A	4.2	4.2	8.4	8.4
Maximal power	W	74	74	256	256
Maximal efficiency		77%	77%	77%	77%
Stall torque*	mNm	2479	3484	4810	6760
Stall current	A	11.5	11.5	25	25

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