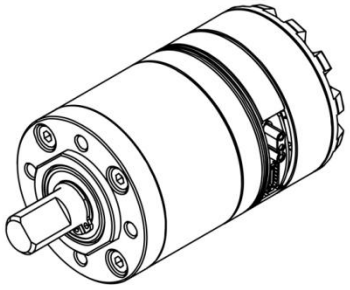
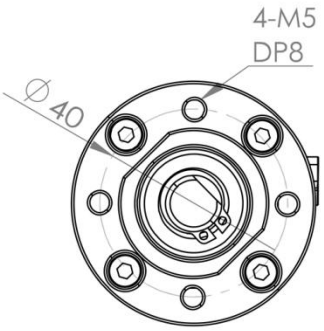
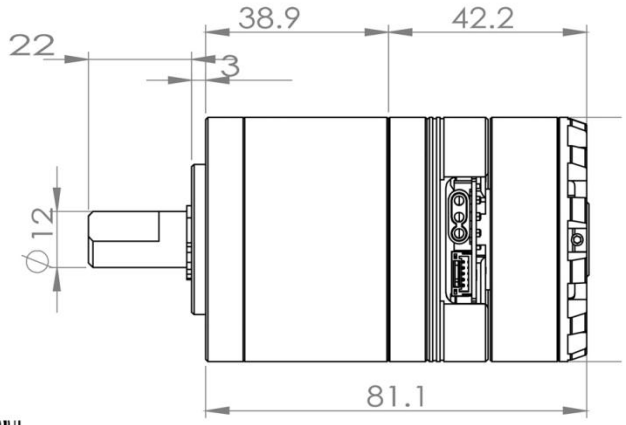
MX4210KV150HA-GP52L2A







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	81.1
Output shaft diamet	mm	12
Output shaft lenghtł	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		GP52L2A
Gearbox type		Planetary
Gear ratio	K	13.7/19.2/26.9
Gearbox levels		2
Gearbox diameter	mm	52
Gearbox length	mm	38.9
Gearbox efficiency		90%
Operating torque	kg*cm	80
Brakeing torque	kg*cm	240

Nominal & Stall

	Unit						
Gear ratio	K	13.7	19.2	26.9	13.7	19.2	26.9
Nominal voltage	V	24	24	24	48	48	48
Noload speed	rpm	263	188	134	526	375	268
Nominal speed	rpm	186	133	95	226	161	115
Nominal torque	Nm	3.8	5.4	7.5	7.7	10.8	15.1
Nominal current	A	4.2	4.2	4.2	8.4	8.4	8.4
Maximal power	W	74	74	74	256	256	256
Maximal efficiency		77%	77%	77%	77%	77%	77%
Stall torque*	Nm	9.2	12.9	18.0	17.8	25.0	35.0
Stall current	A	11.5	11.5	11.5	25	25	25

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