

Parameter	Unit	Configuration 1
Winding method	Delta / Y	Y
Rated voltage	V	24
Driver board model	/	GDZ34
Voltage Range	V	12~40
Rated Power	W	31.2
Rated torque	N.M	1.63
Peak torque	N.M	7.98
Rated Speed after reduction	RPM	101
Max Speed after reduction	RPM	212
Rated current	A	1.3
Peak current	A	10.67
Phase-to-phase resistance	ohm	1.961
Phase-to-phase inductance	mH	0.668
Speed constant	rpm/v	8.83333333333333
Torque constant	N.M/A	2.61
Number of pole pairs	Pairs	14
Gear ratio	/	10:1
Gear type	/	Planetary
Reducer gear material	/	STELL
Reducer gear backlash	arcmin	15
Motor weight without driver	g	217
Motor weight with driver	g	227
Size without Driver	mm	Dia. 53 x 32
Size with Driver	mm	Dia. 53 x 38
Max. axial load	N	125
Max. radial load	N	500
Noise	dB	<60
Communication	/	CAN&485
Second encoder on output shaft	/	NO
Protection grade	/	IP54
Working temperature	deg C	-20~+80
Resolution of the encoder on the driver	Bit	14bit
Can support separate encoder or not	/	YES
Can support custom brakes	/	YES