

Parameter	Unit	Configuration 1
Winding method	Delta / Y	Y
Rated voltage	V	24
Driver board model	/	GDZ4-40
Voltage Range	V	12~40
Rated Power	W	88.8
Rated torque	N.M	8.5
Peak torque	N.M	30.59
Rated Speed after reduction	RPM	70
Max Speed after reduction	RPM	86
Rated current	A	3.7
Peak current	A	17.1
Phase-to-phase resistance	ohm	0.269
Phase-to-phase inductance	mH	0.8039
Speed constant	rpm/v	3.58333333333333
Torque constant	N.M/A	1.78888888888889
Number of pole pairs	Pairs	14
Gear ratio	/	40:1
Gear type	/	Planetary
Reducer gear material	/	STEEL
Reducer gear backlash	arcmin	15
Motor weight without driver	g	336.7
Motor weight with driver	g	364.5
Size without Driver	mm	Dia. 57 x 46
Size with Driver	mm	Dia. 57 x 56
Max. axial load	N	125
Max. radial load	N	500
Noise	dB	<60
Communication	/	CAN&485
Second encoder on output shaft	/	YES
Protection grade	/	IP54
Working temperature	deg C	-20~+80
Resolution of the encoder on the driver	Bit	14bit
Can support separate encoder or not	/	NO
Can support custom brakes	/	YES