

Parameter	Unit	Configuration 1
Winding method	Delta / Y	Delta
Rated voltage	V	24
Driver board model	/	GDZ468
Voltage Range	V	12~40
Rated Power	W	44.64
Rated torque	N.M	1.6
Peak torque	N.M	14.25
Rated Speed after reduction	RPM	403
Max Speed after reduction	RPM	405
Rated current	A	1.86
Peak current	A	19.5
Phase-to-phase resistance	ohm	1.5
Phase-to-phase inductance	mH	0.432
Speed constant	rpm/v	16.875
Torque constant	N.M/A	0.96
Number of pole pairs	Pairs	14
Gear ratio	/	8:1
Gear type	/	Planetary
Reducer gear material	/	STEEL
Reducer gear backlash	arcmin	15
Motor weight without driver	g	343.3
Motor weight with driver	g	371.5
Size without Driver	mm	Dia. 57 x 47
Size with Driver	mm	Dia. 57 x 58
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