

Parameter	Unit	Configuration 1	Configuration 2
Winding method	Delta / Y	Y	Y
Rated voltage	V	24	48
Driver board model	/	GDZ468(SDC215	GDZ468H
Voltage Range	V	12~40	12~48
Rated Power	W	156	158.4
Rated torque	N.M	27	26.2
Peak torque	N.M	55.9	74.8
Rated Speed after reduction	RPM	38	40
Max Speed after reduction	RPM	49	95
Rated current	A	6.5	3.3
Peak current	A	13.5	20.23
Phase-to-phase resistance	ohm	0.42	0.443
Phase-to-phase inductance	mH	0.222	0.222
Speed constant	rpm/v	1.97916666666667	1.97916666666667
Torque constant	N.M/A	4.53	4.7
Number of pole pairs	Pairs	14	14
Gear ratio	/	48:1	48:1
Gear type	/	Planetary	Planetary
Reducer gear material	/	STEEL	STEEL
Reducer gear backlash	arcmin	15	15
Motor weight without driver	g	758.9	758.9
Motor weight with driver	g	776.9	776.9
Size without Driver	mm	Dia. 80 x 56.5	Dia. 80 x 56.5
Size with Driver	mm	Dia. 80 x 67.5	Dia. 80 x 67.5
Max. axial load	N	225	225
Max. radial load	N	900	900
Noise	dB	<60	<60
Communication	/	CAN & 485	CAN & 485
Second encoder on output shaft	/	YES	YES
Protection grade	/	IP54	IP54
Working temperature	deg C	-20~+80	-20~+80
Resolution of the encoder on the driver	Bit	14bit	14bit
Can support separate encoder or not	/	NO	NO
Can support custom brakes	/	YES	YES