

Parameter	Unit	Configuration 1	Configuration 2
Winding method	Delta / Y	Y	Y
Rated voltage	V	48	48
Driver board model	/	GDS810(SDC103	GDZ810
Voltage Range	V	12~48	12~48
Rated Power	W	192	179.52
Rated torque	N.M	32.76	25
Peak torque	N.M	109.5	130.2
Rated Speed after reduction	RPM	51	60.74
Max Speed after reduction	RPM	60	67.1
Rated current	A	4	3.74
Peak current	A	19.8	39.63
Phase-to-phase resistance	ohm	0.72	0.72
Phase-to-phase inductance	mH	0.376	0.376
Speed constant	rpm/v	1.25	1.39791666666667
Torque constant	N.M/A	7.32	4
Number of pole pairs	Pairs	21	21
Gear ratio	/	36:1	36:1
Gear type	/	Planetary	Planetary
Reducer gear material	/	STEEL	STEEL
Reducer gear backlash	arcmin	15	15
Motor weight without driver	g	720	720
Motor weight with driver	g	760	760
Size without Driver	mm	Dia. 96 x 44.5	Dia. 96 x 44.5
Size with Driver	mm	Dia. 96 x 57	Dia. 96 x 57
Max. axial load	N	250	250
Max. radial load	N	1000	1000
Noise	dB	<65	<65
Communication	/	CAN	CAN & 485
Second encoder on output shaft	/	NO	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