

Parameter	Unit	Configuration 1	Configuration 2
Winding method	Delta / Y	Delta	Y
Rated voltage	V	24	48
Driver board model	/	GDZ810	GDS810(SDC103
Voltage Range	V	12~48	12~48
Rated Power	W	194.4	230.4
Rated torque	N.M	8.59	9.1
Peak torque	N.M	36.94	38
Rated Speed after reduction	RPM	160	177
Max Speed after reduction	RPM	199	218
Rated current	A	8.1	4.8
Peak current	A	44.28	21
Phase-to-phase resistance	ohm	0.364	0.98
Phase-to-phase inductance	mH	0.149	0.55
Speed constant	rpm/v	8.29166666666667	4.54166666666667
Torque constant	N.M/A	0.67	1.84
Number of pole pairs	Pairs	21	21
Gear ratio	/	6:1	6:1
Gear type	/	Planetary	Planetary
Reducer gear material	/	STEEL	STEEL
Reducer gear backlash	arcmin	15	15
Motor weight without driver	g	660	660
Motor weight with driver	g	705	705
Size without Driver	mm	Dia. 96 x 41	Dia. 96 x 41
Size with Driver	mm	Dia. 96 x 48.5	Dia. 96 x 48.5
Max. axial load	N	225	225
Max. radial load	N	900	900
Noise	dB	<60	<60
Communication	/	CAN & 485	CAN
Second encoder on output shaft	/	YES	NO
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