

Parameter	Unit	Configuration 1	Configuration 2
Winding method	Delta / Y	Delta	Y
Rated voltage	V	24	48
Driver board model	/	GDS6(SDC102	GDZ468H
Voltage Range	V	12~48	12~48
Rated Power	W	232.8	174.24
Rated torque	N.M	3.3	1.8
Peak torque	N.M	8	8.86
Rated Speed after reduction	RPM	320	609
Max Speed after reduction	RPM	450	650
Rated current	A	9.7	3.63
Peak current	A	23.5294117647059	19.5
Phase-to-phase resistance	ohm	0.55	0.61
Phase-to-phase inductance	mH	0.45	0.405
Speed constant	rpm/v	18.75	13.5416666666667
Torque constant	N.M/A	0.34	0.62
Number of pole pairs	Pairs	14	14
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	289	289
Motor weight with driver	g	318	318
Size without Driver	mm	Dia. 76 x 24	Dia. 76 x 24
Size with Driver	mm	Dia. 76 x 35	Dia. 76 x 35
Max. axial load	N	200	200
Max. radial load	N	800	800
Noise	dB	<60	<60
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