GIM3510-8 Parameters

Parameter	Unit	Configuration 1
Winding method	Delta / Y	Delta
Rated voltage	V	24
Driver board model	/	GDZ34
Voltage Range	V	12~40
Rated Power	W	79.2
Rated torque	N.M	1
Peak torque	N.M	6.28
Rated Speed after reduction	RPM	534
Max Speed after reduction	RPM	588
Rated current	A	3.3
Peak current	A	28.94
Phase-to-phase resistance	ohm	0.515
Phase-to-phase inductance	mH	0.287
Speed constant	rpm/v	24.5
Torque constant	N.M/A	0.26
Number of pole pairs	Pairs	7
Gear ratio	/	8:1
Gear type	/	Planetary
Reducer gear material	/	STELL
Reducer gear backlash	arcmin	15
Motor weight without driver	g	247.6
Motor weight with driver	g	259.6
Size without Driver	mm	Dia. 46 x 46.5
Size with Driver	mm	Dia. 46 x 51.5
Max. axial load	N	75
Max. radial load	N	300
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