MG3505-8 Parameters

Parameter	Unit	Configuration 1
Winding method	Delta / Y	Y
Rated voltage	V	24
Driver board model	/	GDZ34
Voltage Range	V	12~40
Rated Power	W	36.72
Rated torque	N.M	0.67
Peak torque	N.M	1.79
Rated Speed after reduction	RPM	230
Max Speed after reduction	RPM	400
Rated current	A	1.53
Peak current	A	3.99
Phase-to-phase resistance	ohm	5.473
Phase-to-phase inductance	mH	0.476
Speed constant	rpm/v	16.6666666666667
Torque constant	N.M/A	0.44
Number of pole pairs	Pairs	11
Gear ratio	/	8:1
Gear type	/	Planetary
Reducer gear material	/	ALU
Reducer gear backlash	arcmin	15
Motor weight without driver	g	84
Motor weight with driver	g	97
Size without Driver	mm	Dia. 43 x 23.6
Size with Driver	mm	Dia. 43 x 28.8
Max. axial load	N	75
Max. radial load	N	300
Noise	dB	<60
Communication	/	CAN&485
Second encoder on output shaft	/	NO
Protection grade	/	IP54
Working temperature	deg C	-20~+80
Resolution of the encoder on the driver	Bit	14bit
Can support separate encoder or not	/	YES
Can support custom brakes	/	YES