MG8108-6 Parameters

Parameter	Unit	Configuration 1
Winding method	Delta / Y	Y
Rated voltage	V	48
Driver board model	/	GDZ810
Voltage Range	V	12~48
Rated Power	W	223.2
Rated torque	N.M	5.18
Peak torque	N.M	26.32
Rated Speed after reduction	RPM	336
Max Speed after reduction	RPM	372
Rated current	A	4.65
Peak current	A	47.37
Phase-to-phase resistance	ohm	0.774
Phase-to-phase inductance	mH	0.356
Speed constant	rpm/v	7.75
Torque constant	N.M/A	0.98
Number of pole pairs	Pairs	21
Gear ratio	/	6:1
Gear type	/	Planetary
Reducer gear material	/	STEEL
Reducer gear backlash	arcmin	15
Motor weight without driver	g	525
Motor weight with driver	g	567
Size without Driver	mm	Dia. 96 x 34
Size with Driver	mm	Dia. 96 x 41.5
Max. axial load	N	225
Max. radial load	N	900
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