

DDR (Direct Drive Motor)_ AIRR160

Torque

- Peak: 4.5N.m
- Continuous: 1.5 N.m

Maximum Velocity

- 300RPM

Feedback

- External optical grid is optional
- Internal optical grid disc



AICR Series Electrical Specification:

Parameters		Unit	ICR160-O-01
Peak Torque	Tp	Nm	4.5
Peak Current	Ip	Arms	4.5
Continuous Torque	Tc	Nm	1.5
Continuous current	Ic	Arms	1.5
Torque constant	Kt	Nm/Arms	1
Resistance (phase to phase) @ 25°C	R	Ohm	8.3
Inductance (phase to phase) @ 1kHz	L	mH	6
DC bus voltage	Vmax	V d.c.	350
Resolution	External optical grid	Count	5036000
Max internal temp	T	°C	120
Mass ±15%	M	Kg	3.8
Pole pairs	P		8
Height	H	mm	45.7

Outline Dimension (Unit: mm)

