

Special Products

Unit 11 Waterfall Lane Trading Estate
Waterfall Lane, Cradley Heath
West Midlands B64 6PU, UK

DATA SHEET:

9th Mar, 2020

Works No:	:	20 / 2002
Customer	:	Wolong Special Products
Customer's Order No.	:	P510757 Part No 17136.009.01
Frame Size	:	SPK132C2
Output	:	4kW
Speed	:	1500 min ⁻¹
Rating	:	S1
Winding	:	compound
Ambient Temperature	:	45°C
Altitude	:	<1000m ASL
Temperature Rise (Δ)	:	Class F (100°C)
Max starting current	:	85 amps on stepped resistance start-up
R start	:	R start required 1.32 ohm customer to provide

Armature Circuit Data:

Voltage	:	110 V
Current	:	41.6 A
Resistance (at 20°C)	:	0.1835 Ω
Inductance	:	4.8 mH
Efficiency (η)	:	87.4 %

Excitation Data:

Voltage	:	110
Current	:	0.60A
Resistance (at 115°C)	:	189.7 Ω

Cooling Data:

Cooling Format	:	IC410
Protection Format	:	IP55

Mechanical Characteristics:

Moment of Inertia (mr ²)	:	0.0575 J kg-m ²
Motor Weight (net)	:	135 kg
Mounting Format	:	IM2001(f265)
Output Shaft	:	Ø38 x 80
Balancing	:	Half Key
Overall Dimensions	:	to follow
Paint Finish	:	Anticorrosive
A.C. Heaters	:	220v 50hz 50 watts
Terminal Box	:	Terminal top viewed Drive End.
Bearing - DE	:	6308-C3
Bearing - NDE	:	6207-C3