



No.:

Date: 10-NOV-2017

DATA SHEET

Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 - Cast Iron Frame - Premium Efficiency - IE3

Frame : 71
Output : 0.55 kW
Frequency : 50 Hz
Poles : 2
Full load speed : 2770 rpm
Slip : 7.67 %
Voltage : 230/400 V
Rated current : 2.07/1.19 A
Locked rotor current : 12.2/7.02 A
Locked rotor current (I_L/I_n) : 5.9
No-load current : 1.04/0.600 A
Full load torque : 1.90 Nm
Locked rotor torque : 300 %
Breakdown torque : 300 %
Design : ---
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 18 s (hot)
Service factor : 1.00
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 11 kg
Moment of inertia : 0.00047 kgm²
Noise level : 56 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6202 ZZ	6202 ZZ	100%	0.86	77.8
Regreasing interval	---	---	75%	0.81	76.0
Grease amount	---	---	50%	0.68	75.0

Notes:

Efficiencies according to the indirect method of IEC 60034-2-1:2007 with stray load losses determined from measurement.

Performed by

Checked