



No.:

Date: 26-JUN-2022

DATA SHEET**Three-phase induction motor - Squirrel cage rotor**

Customer :
Product line : W22 Categoria D

Frame : 160M
Output : 4.5 kW
Frequency : 60 Hz
Poles : 6
Full load speed : 1110 rpm
Slip : 7.50 %
Voltage : 220/380/440 V
Rated current : 17.0/9.82/8.48 A
Locked rotor current : 119/68.7/59.4 A
Locked rotor current (I_L/I_n) : 7.0
No-load current : 6.60/3.82/3.30 A
Full load torque : 38.7 Nm
Locked rotor torque : 340 %
Breakdown torque : 0 %
Design : D
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 16 s (hot)
Service factor : 1.00
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 95 kg
Moment of inertia : 0.09656 kgm²
Noise level : 59 dB(A)

	D.E.	N.D.E.
Bearings	6309 ZZ-C3	6209 ZZ-C3
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.86	81.0
75%	0.82	80.0
50%	0.71	79.0

Notes:

Performed by

Checked