## **DATA SHEET**

## Three Phase Induction Motor - Squirrel Cage



Customer

Product line : Rolled Steel NEMA Premium Efficiency

Product code:

12674776

Three-Phase

Catalog #:

01036OT3E213T-S

Frame : 213/5T

Output Poles Frequency Rated voltage Rated current L. R. Amperes

LRC

Slip

No load current

Rated speed

Rated torque

Locked rotor torque

Breakdown torque

Moment of inertia (J)

Insulation class

Service factor

Design

: 60 Hz : 230/460 V : 24.0/12.0 A : 163/81.6 A

: 10 HP (7.5 kW)

: 6.8x(Code H) : 9.32/4.66 A : 3535 rpm : 1.81 % : 2.05 kgfm

: 200 % : 280 % : F : 1.15 : 0.0196 kgm<sup>2</sup> : B

Locked rotor time Temperature rise

: 19s (cold) 11s (hot) : 80 K : Cont.(S1)

Duty cycle Ambient temperature : -20°C to +40°C Altitude : 1000 m.a.s.l. : IC01 - ODP Cooling method

Mounting : F-1 : Both (CW and CCW) Rotation<sup>1</sup> Noise level<sup>2</sup>

: 66.0 dB(A) : Direct On Line Starting method

: 52.5 kg Approx. weight<sup>3</sup>

50% 75% 100% Output Foundation loads

Efficiency (%) 88.5 89.5 : 88 kgf 89.5 Max. traction : 140 kgf Power Factor 0.74 0.84 88.0 Max. compression

Drive end Non drive end Bearing type 6208 ZZ 6206 ZZ Sealing Without Bearing Seal Without Bearing Seal

Lubrication interval Lubricant amount

Lubricant type Mobil Polyrex EM

Notes:

USABLE @208V 26.5A SF 1.00 SFA 26.5A

This revision replaces and cancel the previous one, which must be eliminated.

- (1) Looking the motor from the shaft end.
- (2) Measured at 1m and with tolerance of +3dB(A).
- (3) Approximate weight subject to changes after manufacturing process.

(4) At 100% of full load.

These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.

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Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	27/12/2023	1		1/1	