

# DATA SHEET



## Three Phase Induction Motor - Squirrel Cage

Customer : accudraft Paint Booths  
 Customer reference :

Product code : 11437961  
 Catalog # : 01018ET3E215T-W22

Frame	: 213/5T	Locked rotor time	: 30s (cold) 17s (hot)
Output	: 10 HP (7.5 kW)	Temperature rise	: 80 K
Poles	: 4	Duty cycle	: Cont.(S1)
Frequency	: 60 Hz	Ambient temperature	: -20°C to 40°C
Rated voltage	: 208-230/460 V	Altitude	: 1000 m.a.s.l.
Rated current	: 27.4-24.8/12.4 A	Protection Degree	: IP55
L. R. Amperes	: 176-159/79.4 A	Cooling method	: IC411 - TEFC
LRC	: 6.4x(Code H)	Mounting	: F-1
No load current	: 5.65-11.3/5.65 A	Rotation <sup>1</sup>	: Both (CW and CCW)
Rated speed	: 1765 rpm	Noise Level <sup>2</sup>	: 58.0 dB(A)
Slip	: 1.94 %	Starting method	: Direct On Line
Rated torque	: 29.4 ft.lb	Approx. weight <sup>3</sup>	: 180 lb
Locked rotor torque	: 200 %		
Breakdown torque	: 295 %		
Insulation class	: F		
Service factor	: 1.25		
Moment of inertia (J)	: 1.51 sq.ft.lb		
Design	: B		

Output	25%	50%	75%	100%	Foundation loads	
Efficiency (%)	90.8	91.0	91.7	91.7	Max. traction	: 458 lb
Power Factor	0.40	0.66	0.77	0.83	Max. compression	: 638 lb

	Drive end	Non drive end
Bearing type	: 6308 ZZ	: 6207 ZZ
Sealing	: V'Ring	: V'Ring
Lubrication interval	: -	: -
Grease amount	: -	: -
Grease type	: Mobil Polyrex EM	

### Notes

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

Rev.	Changes Summary	Performed	Checked	Date
Performed by		Page		Revision
Checked by		1 / 1		
Date	30/05/2017			