

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :	
Product line	: Multimounting IE3 Three-Phase
Product code :	13984838
Catalog # :	00518ET3YAL132S-W22
Frame	: 132S
Insulation class	: F
Duty cycle	: S1
Ambient temperature	: -20°C to +40°C
Altitude	: 1000 m.a.s.l.
Protection degree	: IP55
Design	: N
Cooling method	: IC411 - TEFC
Mounting	: B3L(E)
Rotation ¹	: Both (CW and CCW)
Starting method	: Direct On Line
Approx. weight ³	: 131 lb
Moment of inertia (J)	: 1.25 sq.ft.lb
Output [HP]	7.5
Poles	4
Frequency [Hz]	60
Rated voltage [V]	460
Rated current [A]	9.07
L. R. Amperes [A]	91.6
LRC [A]	10.1
No load current [A]	4.43
Rated speed [RPM]	1765
Slip [%]	1.94
Rated torque [ft.lb]	22.0
Locked rotor torque [%]	260
Breakdown torque [%]	430
Service factor	1.25
Temperature rise	80 K
Locked rotor time	32s (cold) 18s (hot)
Noise level ²	56.0 dB(A)
Efficiency (%)	25%
	50%
	75%
	100%
Power Factor	25%
	50%
	75%
	100%
Bearing type	: Drive end 6308 ZZ Non drive end 6207 ZZ
Sealing	: V'Ring V'Ring
Lubrication interval	: - -
Lubricant amount	: - -
Lubricant type	: Mobil Polyrex EM
Foundation loads	Max. traction : 494 lb
	Max. compression : 624 lb
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 by	Performed
Checked by	Checked
Date	Date
22/01/2018	
Page	Revision
1 / 1	