

# DATA SHEET

## Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : W22 Close Coupled Pump JM  
NEMA Premium Efficiency Three-Phase  
Product code : 13506430  
Catalog # : 06036ET3E326JM-W22

Frame	: 324/6JM	Locked rotor time	: 23s (cold) 13s (hot)
Output	: 60 HP (45 kW)	Temperature rise	: 80 K
Poles	: 2	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	: 155-140/70.2 A	Protection degree	: IP55
L. R. Amperes	: 1209-1092/548 A	Cooling method	: IC411 - TEFC
LRC	: 7.8x(Code J)	Mounting	: F-1
No load current	: 38.2-45.0/22.5 A	Rotation <sup>1</sup>	: Both (CW and CCW)
Rated speed	: 3560 rpm	Noise level <sup>2</sup>	: 78.0 dB(A)
Slip	: 1.11 %	Starting method	: Direct On Line
Rated torque	: 87.3 ft.lb	Approx. weight <sup>3</sup>	: 591 lb
Locked rotor torque	: 270 %		
Breakdown torque	: 280 %		
Insulation class	: F		
Service factor	: 1.00		
Moment of inertia (J)	: A		
Design			

Output	25%	50%	75%	100%	Foundation loads
Efficiency (%)	92.2	92.4	93.6	93.6	Max. traction : 642 lb
Power Factor	0.53	0.73	0.82	0.86	Max. compression : 1234 lb

		Drive end	Non drive end
Bearing type	:	6312 C3	6212 C3
Sealing	:	V'Ring	V'Ring
Lubrication interval	:	12000 h	15000 h
Lubricant amount	:	21 g	13 g
Lubricant 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				
Checked by				
Date	22/01/2018			
			Page	Revision
			1 / 1	