

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : W22 P Base NEMA Premium
Efficiency Three-Phase

Product code : 13569763

Catalog # : 06036ET3E326HP-W22

Frame : 326HP
Output : 60 HP (45 kW)
Poles : 2
Frequency : 60 Hz
Rated voltage : 208-230/460 V
Rated current : 152-137/68.6 A
L. R. Amperes : 958-863/432 A
LRC : 6.3x(Code G)
No load current : 31.0-36.0/18.0 A
Rated speed : 3550 rpm
Slip : 1.39 %
Rated torque : 87.6 ft.lb
Locked rotor torque : 240 %
Breakdown torque : 250 %
Insulation class : F
Service factor : 1.15
Moment of inertia (J) : B
Design

Locked rotor time : 21s (cold) 12s (hot)
Temperature rise : 80 K
Duty cycle : Cont.(S1)
Ambient temperature : -20°C to +40°C
Altitude : 1000 m.a.s.l.
Protection degree : IP55
Cooling method : IC411 - TEFC
Mounting : W-6
Rotation¹ : Both (CW and CCW)
Starting method : Direct On Line
Approx. weight³ : 611 lb

Output	25%	50%	75%	100%
Efficiency (%)	0.000	92.5	93.6	93.6
Power Factor	0.00	0.80	0.86	0.88

Foundation loads
Max. traction
Max. compression

	Drive end	Non drive end
Bearing type	6314 C3	6212 C3
Sealing	V'Ring	V'Ring
Lubrication interval	4000 h	7000 h
Lubricant amount	27 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		Page 1 / 1 Revision		
Checked by				
Date	27/01/2018			