DATA SHEET
Three Phase Induction Motor - Squirrel Cage

WEG

Customer	:

Product line	: W22 Close Coupled Pump JP NEMA Premium Efficiency Three-Phase	Product code :	12712286
		Catalog # :	06036ET3H364JP-W22

Frame	: 364/5JP	Locked rotor time	: 25s (cold) 14s (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	: 575 V	Altitude	: 1000 m.a.s.l.
Rated current	: 53.6 A	Protection degree	: IP55
L. R. Amperes	: 354 A	Cooling method	: IC411 - TEFC
LRC	: 6.6x(Code G)	Mounting	: F-1
No load current	: 12.0 A	Rotation[1]	: Both (CW and CCW)
Rated speed	: 3560 rpm	Noise level[2]	: 79.0 dB(A)
Slip	: 1.11 %	Starting method	: Direct On Line
Rated torque	: 87.3 ft.lb	Approx. weight[3]	: 883 lb
Locked rotor torque	: 200 %		
Breakdown torque	: 260 %		
Insulation class	: F		
Service factor	: 1.25		
Moment of inertia (J)	: 10.6 sq.ft.lb		
Design	: B		

Output	25%	50%	75%	100%	Foundation loads	
Efficiency (%)	91.0	91.7	93.0	93.6	Max. traction	: 346 lb
Power Factor	0.60	0.81	0.88	0.90	Max. compression	: 1229 lb

		Drive end	Non drive end
Bearing type	:	6314 C3	6314 C3
Sealing	:	Lip Seal	Lip Seal
Lubrication interval	:	4000 h	4000 h
Lubricant amount	:	27 g	27 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			Page	Revision
Date	22/01/2018		1 / 1	