DATA SHEET

Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : Rolled Steel JM Pump High Efficiency Three-Phase

Product code : 12502517

Frame	: 213/5JM	Locked rotor time	: 14s (cold) 8s (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	: 230/460 V	Altitude	: 1000 m.a.s.l.
Rated current	: 24.2/12.1 A	Protection degree	: IP55
L. R. Amperes	: 165/82.3 A	Cooling method	: IC411 - TEFC
LRC	: 6.8x(Code H)	Mounting	: F-1
No load current	: 9.78/4.89 A	Rotation¹	: Both (CW and CCW)
Rated speed	: 1755 rpm	Noise level²	: 60.0 dB(A)
Slip	: 2.50 %	Starting method	: Direct On Line
Rated torque	: 29.9 ft.lb	Approx. weight³	: 151 lb
Locked rotor torque	: 210 %		
Breakdown torque	: 260 %		
Insulation class	: F		
Service factor	: 1.15		
Moment of inertia (J)	: 1.29 sq.ft.lb		
Design	: B		

Output	25%	50%	75%	100%
Efficiency (%)	89.3	89.5	89.5	89.5
Power Factor	0.45	0.72	0.82	0.87

Foundation loads

Max. traction	: 363 lb
Max. compression	: 514 lb

		Drive end	Non drive end
Bearing type	:	6209 ZZ	6206 ZZ
Sealing	:	V'Ring	Without Bearing Seal
Lubrication interval	:	-	-
Lubricant amount	:	-	-
Lubricant type	:	Mobil Polyrex EM	

Notes:
USABLE @208V 26.8A SF 1.00 SFA 26.8A

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	29/03/2024		1 / 1	

This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.
Subject to change without notice