## **DATA SHEET**

## Three Phase Induction Motor - Squirrel Cage



Three Phase induction wotor - Squirrer Cage										
Customer	:									
Product line : Rolled Steel JM Pump High Efficiency Three-Phase					y Product code :	12676940				
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Insulation class Service factor Moment of inertia Design		: 4 : 60 Hz : 230/4 : 24.8/ : 161/8	P (7.5 kW) 60 V 12.4 A 0.6 A Code H) 6.62 A rpm % t.lb		Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 14s (cold) 8s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IC01 - ODP : F-1 : Both (CW and CCW) : 59.0 dB(A) : Direct On Line : 126 lb				
Output	25%	50%	75%	100%	Foundation loads	. 405 !!-				
Efficiency (%)	89.9 91.1 88.8	89.5 88.4 87.5	90.2 87.0 87.5	89.5 84.1 85.8	Max. traction	: 405 lb				
Power Factor	0.41 0.47 0.40	0.68 0.75 0.67	0.79 0.85 0.80	0.85 0.89 0.86	Max. compression	: 531 lb				
Bearing type Sealing Lubrication interva Lubricant amount Lubricant type	ıl	:	<u>Drive 6</u> 6209 Without Be - -	O ZZ aring Seal	Non drive end 6206 ZZ Without Bearing Seal bil 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.

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Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	29/03/2024	1		1 / 1	