## **DATA SHEET**



Three Phase	induction ivid	ior - Squirrei	Cage		
Customer	:				
Product line	: W21 Explosion	Proof IE2 Three-Pha	se Product code Catalog # :		73 KP3YAX250SMF3
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Breakdown torque Insulation class Service factor Moment of inertia (and to	: 220 % : F : 1.00	(75 HP)  2 V 2 A 1 A4 Am	Locked rotor time Temperature rise Duty cycle Ambient temperatur Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 80 K : S1 re : -20°C : 1000 r : IP55 : IC411 : B3T : Both (0	- TEFC CW and CCW) B(A) On Line
•		75% 100%	Foundation loads	4000 !!	
Power Factor	0.58 0.51 0.80 0.75 (	94.0 94.1	Max. traction  Max. compression	: 1228 lb : 2422 lb	
Losses at normative	e operating points (sp	eed:torque). in perce	ntage of rated output p	ower	
Losses (%)	P1 (0,9;1,0) P2 (0,5;1,0) P3 (0,25;1,0) P4 (0,9;0,5) P5 (0,5;0,5) P6 (0,5;0,25)	6.5 5.5 5.0 2.7 1.8 1.0	6.2 5.2 4.7 2.5 1.7 0.9	6.1 5.1 4.6 2.5 1.7 0.9	
	P7 (0,25;0,25)	0.6	0.6	0.6	
Bearing type Sealing Lubrication interval Lubricant amount Lubricant type	:	<u>Drive end</u> : 6314 C3 : Lip Seal : 11638 h : 27 g		Non drive end 6314 C3 Lip Seal 11638 h 27 g obil 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 IEC 60034-1.

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# DATA SHEET

### Three Phase Induction Motor - Squirrel Cage



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Customer	
Customer	

#### Thermal protection

ID	Application	Туре	Quantity	Sensing Temperature
1	Winding	Thermistor - 2 wires	1 x Phase	150 °C

Rev.	Changes Summary		Performed	Checked	Date
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