

# DATA SHEET



## Three Phase Induction Motor - Squirrel Cage

Customer :				
Product line : W22Xdb IE2 Three-Phase	Product code : 12430126			
Area classification : ZONA 1, GRUPO IIB, T4 (135 °C)	Catalog # : E00736XP3YAX132SF3-W			
Frame : 132S/M Output : 7.5 kW (10 HP) Poles : 2 Frequency : 50 Hz Rated voltage : 380/660 V Rated current : 14.5/8.35 A L. R. Amperes : 94.2/54.3 A LRC : 6.5 No load current : 4.80/2.76 A Rated speed : 2925 rpm Slip : 2.50 % Rated torque : 18.1 ft.lb Locked rotor torque : 220 % Breakdown torque : 280 % Insulation class : F Service factor : 1.00 Moment of inertia (J) : 0.5975 sq.ft.lb Design : N	Locked rotor time : 14s (cold) 8s (hot) Temperature rise : 80 K Duty cycle : S1 Ambient temperature : -20°C to +40°C Altitude : 1000 m.a.s.l. Protection degree : IP56 Cooling method : IC411 - TEFC Mounting : B3T Rotation <sup>1</sup> : Both (CW and CCW) Noise level <sup>2</sup> : 67.0 dB(A) Starting method : Direct On Line Approx. weight <sup>3</sup> : 230 lb			
Output	25% 50% 75% 100%			
Efficiency (%)	87.2 86.7 87.5 87.0 88.0 88.0 88.1 88.1 86.8 85.3 87.0 86.4 88.3 88.5 88.3 89.5			
Power Factor	0.51 0.45 0.77 0.72 0.85 0.82 0.89 0.87 0.41 0.44 0.67 0.70 0.79 0.81 0.85 0.86			
Foundation loads				
	Max. traction : 212 lb			
	Max. compression : 443 lb			
Bearing type	Drive end : 6308 ZZ Non drive end : 6207 ZZ			
Sealing	Oil Seal Lip Seal			
Lubrication interval	-			
Lubricant amount	-			
Lubricant type	Mobil Polyrex EM			
Notes:				
EAC EAЭC RU C-BR.AA87.B.00379/20 1Ex db IIB T4 Gb X ООО «НАННО ЦСВЭ» IECEX IECEX INE 22.0044X Ex db IIB T4 Gb				
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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### Thermal protection

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

### Space heater information

Voltage: 200 - 240 V

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