DATA SHEET

:

Three Phase Induction Motor - Squirrel Cage



Customer

Catalog # : 001180T3H143TC-S Frame : 143/5TC Output : 1 HP (0.75 kW) Poles : 4 Frequency : 60 Hz Rated voltage : 575 V No load current : 0.766 A LR Amperes : 8 6x(Code L) No load current : 0.766 A Vis load current : 0.766 A Rated surrent : 0.766 A Rated surrent : 0.766 A No load current : 0.766 A Sig : 0.004 kg/m Bip : 2.2 2 % Moment of inertia (J) : 0.0046 kg/m ² Breakdown torque : 300 % Breakdown torque : 200 % Breakdown torque : 300 % Breakdown torque : 200 % Breakdown torque : 0.0046 kg/m ² Dulput : 25% Dulput : 25% : 200 % : 0.55 Break torque : 0.0046 kg/m ² Woment of inertia (J) : 0.0046 kg/m ² Dulput : 0.56 <			ee-Phase		emium Efficier	rcy Product code :	12682568	
Dutput :1 HP (0.75 kW) Temperature rise :80 k Cont.(S1) Frequency :60 Hz Ambient temperature :20°C to 40°C Rated voltage :575 V Attitude :20°C to 40°C Rated voltage :575 V Attitude :20°C to 40°C Rated voltage :576 V Attitude :20°C to 40°C Rated voltage :576 V Attitude :20°C to 40°C Rated voltage :576 V Attitude :20°C to 40°C No load current :076 A Nose level :580 (ROvel L) No load current :076 A Nose level :580 (ROvel L) Nose level :580 (ROvel L) Nose level :580 (ROvel L) Stating method :000 n as si. :611 kg Prevender :260 (B kgm² :60 kgm² Desing : : :603 ZZ Searing type : : : Dirive end : : : Searing type : : : Dirive end : : : Searing type : : : Dirive end : : : Searing type : : : Dirive end			CC-1 1103C			Catalog # :	00118OT3F	1143TC-S
Design : B Dutput 25% 50% 75% 100% fficiency (%) 79.9 81.5 84.0 85.5 Max. traction : 34 kgf fower Factor 0.29 0.51 0.65 Bearing type : 0.205 ZZ 6203 ZZ Sealing : Without Bearing Seal Without Bearing Seal Lubrication interval : - - Lubricant amount : - - Lubricant type : Mobil Polyrex EM Itoles: Mobil Polyrex EM	Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tore Breakdown torque Insulation class Service factor	ue	: 1 HI : 4 : 60 H : 575 : 1.2' : 9.66 : 8.05 : 0.76 : 176 : 2.22 : 0.4' : 290 : 360 : F : 1.15	P (0.75 kW Hz V I A 3 A ((Code L) 36 A 0 rpm 2 % I2 kgfm % %	()	Temperature rise Duty cycle Ambient temperature Altitude Cooling method Mounting Rotation ¹ Noise level ² Starting method	: 80 K : Cont.(S1) : -20°C to + : 1000 m.a : IC01 - OE : F-1 : Both (CW : 52.0 dB(A : Direct On	+40°C .s.l.)P (and CCW)
Instruction 79.9 81.5 84.0 85.5 Max. traction : 34 kgf Instruction 0.29 0.51 0.65 0.73 Max. compression : 50 kgf Bearing type : 0.29 0.51 0.65 0.73 Max. compression : 50 kgf Bearing type : : 0.203 ZZ 6203 ZZ 6203 ZZ Sealing : . - - - Lubrication interval : : - - - Lubrication interval : <td< td=""><td></td><td>a (J)</td><td></td><td>)46 kgm²</td><td></td><td></td><td></td><td></td></td<>		a (J))46 kgm²				
Power Factor 0.29 0.51 0.65 0.73 Max. compression : 50 kgf Bearing type : 6205 ZZ 6203 ZZ	Jutput	25%	50%	75%	100%	Foundation loads		
Drive end 6205 ZZ Non drive end 6203 ZZ Sealing Without Bearing Seal Lubrication interval Mobil Polyrex EM Mobil Polyrex EM Iotes: These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA Nosing the motor from the shaft end. 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 nanufacturing process. 10 At 100% of full load. Rev. Changes Summa							•	
Bearing type : 6205 ZZ 6203 ZZ Sealing : Without Bearing Seal Without Bearing Seal Lubrication interval : - - Lubricant amount : - - Lubricant type : Mobil Polyrex EM Iotes: Mobil Polyrex EM Iotes: Intervision replaces and cancel the previous one, which nust be eliminated. 10 Looking the motor from the shaft end. 2) Measured at 1m and with tolerance of +3dB(A). 3) Approximate weight subject to changes after nanufacturing process. MG-1. MG-1. Performed Date Rev. Changes Summary Performed Checked Date	ower Factor	0.29	0.51	0.65	0.73	Max. compression	: 50 kgf	
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Lubrication interval : - - Lubricant amount : - - Lubricant type : Mobil Polyrex EM Notes: Mobil Polyrex EM In this revision replaces and cancel the previous one, which nust be eliminated. These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA 10 Looking the motor from the shaft end. 2) Measured at 1m and with tolerance of +3dB(A). 3) Approximate weight subject to changes after nanufacturing process. MG-1. Year Changes Summary Performed Checked Date Performed by	Bearing type		:					
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4) At 100% of full load. Rev. Changes Summary Performed Checked Date Performed by	Notes:							
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