DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Customer

Frame ::182/4TC Cooling method ::CA11 - TEFC Insulation class :F Cont(\$1) Relation* :B :Delation* :B :Delation* :B :Delation* :B :Delation* :B :Delation* :B :Delation* :Delation* </th <th>Product line</th> <th></th> <th>: W21 Explosion Proo Premium Efficiency Th</th> <th></th> <th></th> <th>roduct code :</th> <th>1445134</th> <th>45</th>	Product line		: W21 Explosion Proo Premium Efficiency Th			roduct code :	1445134	45
Poles 2 <td colspan="2">Insulation class Duty cycle Ambient temperature Altitude Protection degree</td> <td colspan="2">: F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55</td> <td colspan="2">Mounting Rotation¹ Starting method Approx. weight³</td> <td colspan="2">: F-1 : Both (CW and CCW) : Direct On Line : 61.0 kg</td>	Insulation class Duty cycle Ambient temperature Altitude Protection degree		: F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55		Mounting Rotation ¹ Starting method Approx. weight ³		: F-1 : Both (CW and CCW) : Direct On Line : 61.0 kg	
Frequency [Hz] 60 50 50 50 Rated voltage [V] 230/460 380 400 415 Rated voltage [V] 230/460 380 400 415 Rated current [A] 12,2/6,10 7,30 6,94 6,84 L.R. Amperes [A] 91,5/45,7 41,6 44,4 47,2 No load current [A] 4,402,20 2,15 2,40 2,60 Rated soved [RPM] 3490 2850 2865 2875 Stated toroug [Rpf] 1,04 1,27 1,27 1,26 Locked rotor torque [%] 380 280 310 340 Service factor 1,15 1,00 1,00 1,00 Iterperature rise 80 K 60 (cold) 26s (hot) 46s (cold) 26s (hot) 46s (cold) 26s (hot) 46s (cold) 26s (hot) Cocked rotor time 46s (cold) 26s (hot)	Output [HP]							
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Power Factor 25% 0.70 0.76 0.72 0.69 75% 0.81 0.86 0.83 0.80 100% 0.86 0.83 0.80 Bearing type : 6307 2RS 6206 2RS Sealing : Oil Seal Lip Seal Lubrication interval : - - Notes WSABLE @208V 13.5A SF 1.15 SFA 15.5A These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEM/ MG-1. (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								
Power Factor 50% 0.70 0.76 0.72 0.69 75% 0.81 0.86 0.83 0.80								
Power Factor 75% 0.81 0.86 0.83 0.80 100% 0.86 0.89 0.88 0.88 0.86 Bearing type : 6307 2RS 6206 2RS Max. traction : 59 kgf Sealing : Oil Seal Lip Seal Max. compression : 120 kgf Lubrication interval : - - - - Lubricant amount : - - - Lubricant type : Mobil Polyrex EM Max. compression : 120 kgf Notes USABLE @208V 13.5A SF 1.15 SFA 15.5A These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEM/ MG-1. (1) Looking the motor from the shaft end. . . MG-1. (3) Approximate weight subject to changes after manufacturing process. . Performed Changes Summary Rev. Changes Summary Performed Checked Date Performed by			0.70		0.76	0.7	72	0.69
Image: 100% 0.86 0.89 0.88 0.86 Bearing type : 6307 2RS 6206 2RS Max. traction :59 kgf Sealing : Oil Seal Lip Seal Max. compression :120 kgf Lubrication interval : - - - Lubrication interval : - - - Lubricant amount : - - - Lubricant type : Mobil Polyrex EM Max. compression : 120 kgf Notes WSABLE @208V 13.5A SF 1.15 SFA 15.5A These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEM/ MG-1. (1) Looking the motor from the shaft end. (2) Measured at 1m and with tolerance of +3dB(A). MG-1. (3) Approximate weight subject to changes after manufacturing process. (4) At 100% of full load. Performed Checked Rev. Changes Summary Performed Checked Date Performed by	Power Factor							
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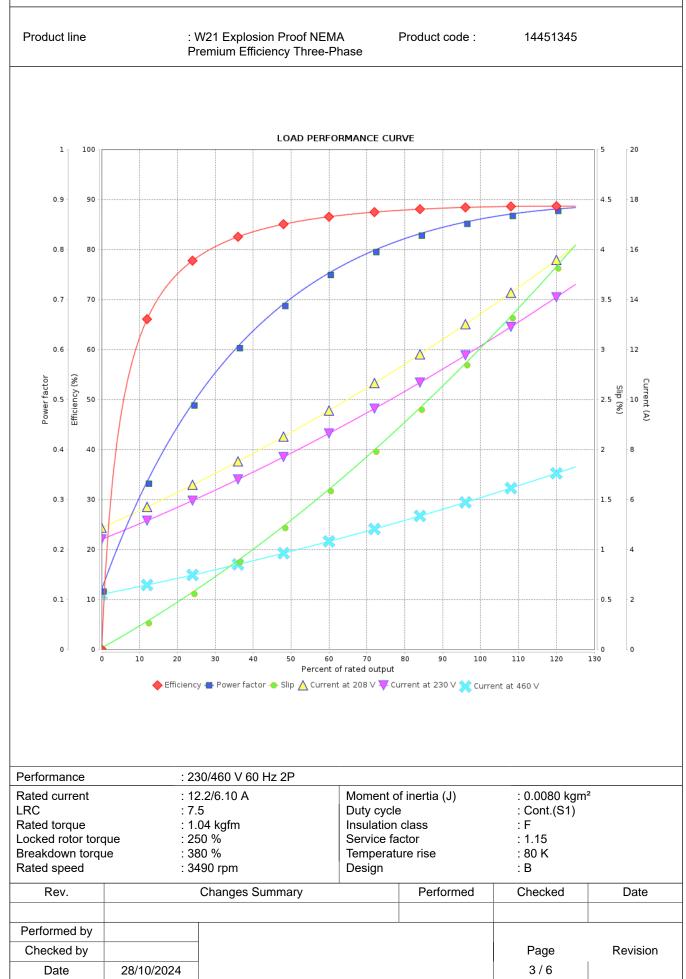
ID	Application	Thermal protection Application Type Quantity					
1	Winding	Thermostat - 2 wires	1 x Phase		Temperature 55 °C		
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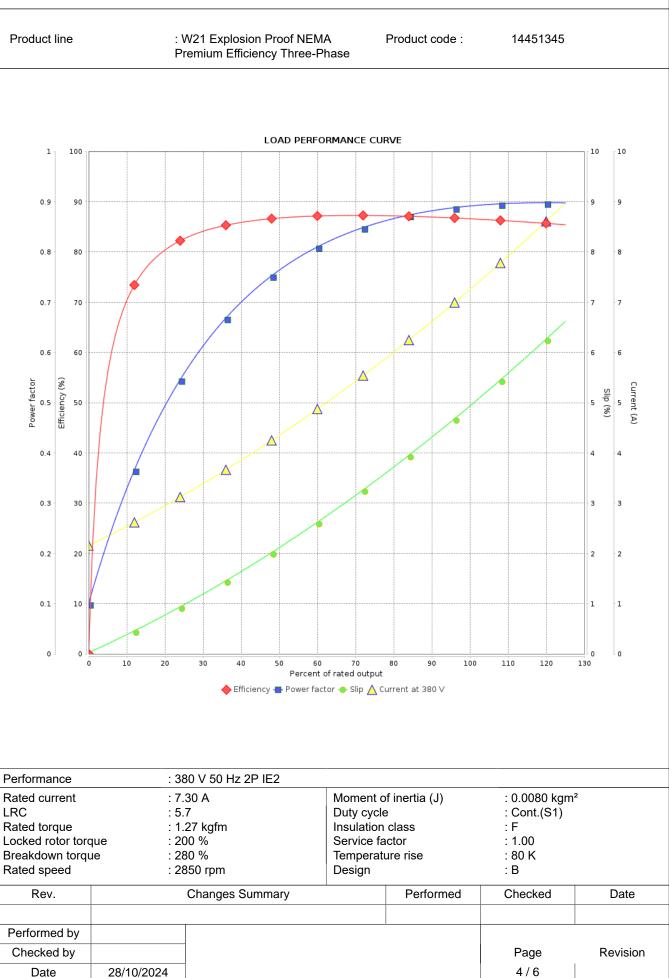
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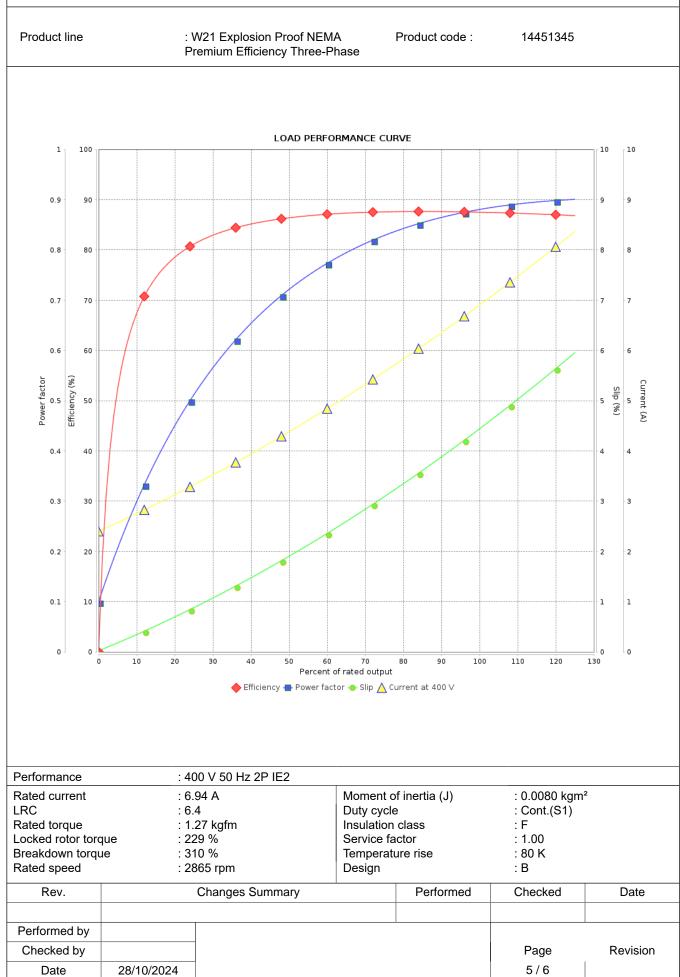
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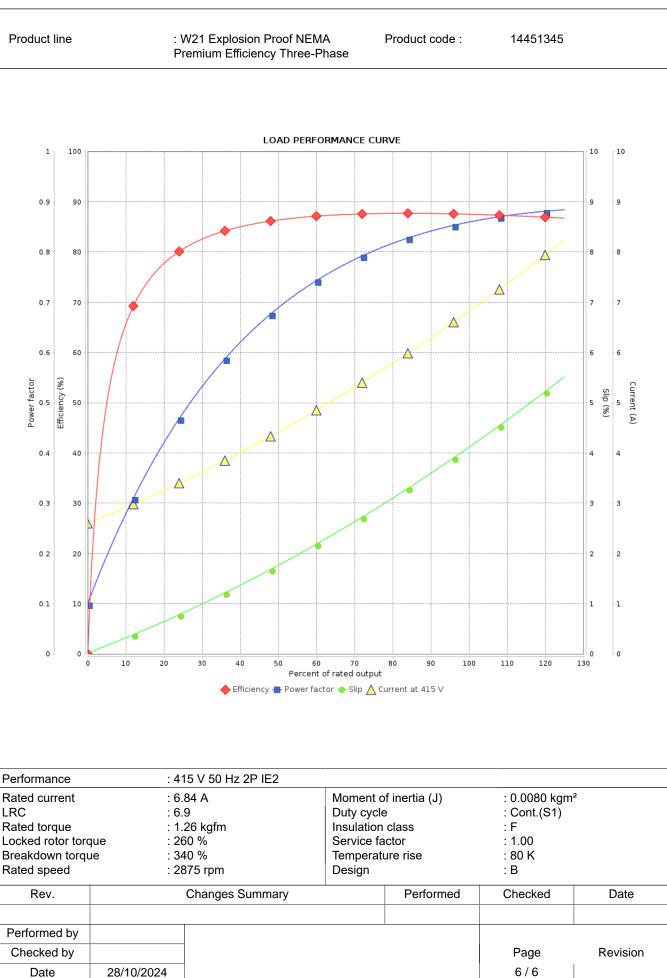
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