DATA SHEET

Three Phase Induction Motor - Squirrel Cage

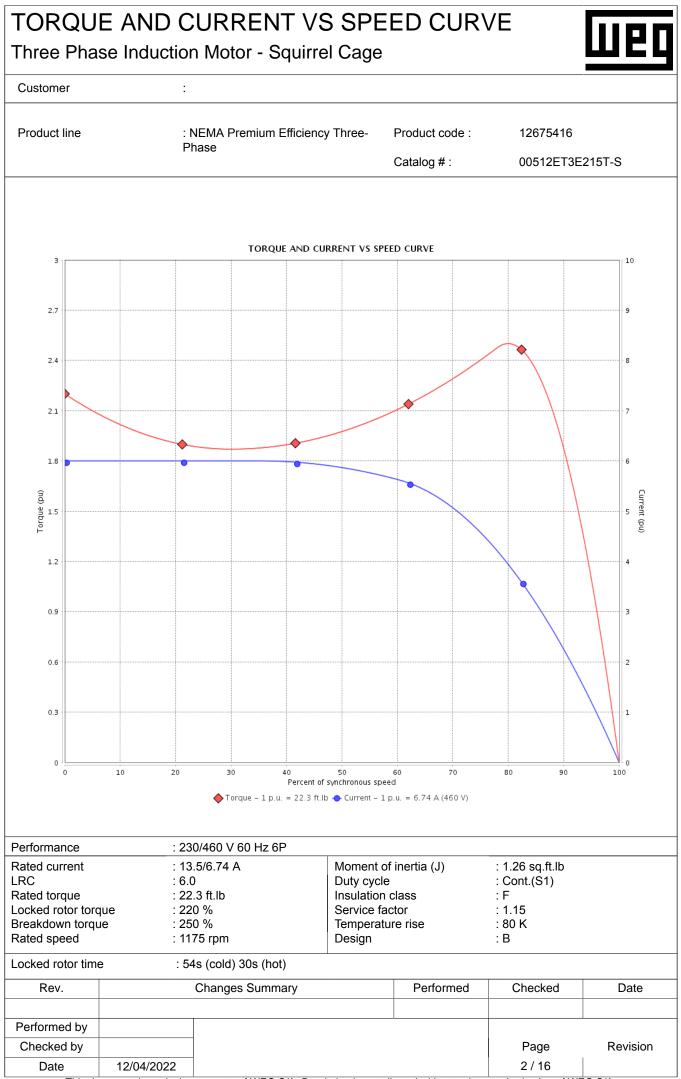
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Customer

Frame :::2138T Cooling method :::Cut101:TEFC Duty cycle :::Cont(\$1) Rolation :::B Ambient temperature :::20°C 6::40°C Rolation :::B Duty cycle :::D0°C 6::40°C Rolation :::D0°C 0::Direct On Line Attitude :::D0°C 6::40°C Agring method :::Direct On Line Attitude :::D0°C 6::40°C Safating method :::Direct On Line Approx.weight? :::D0°C 6::40°C Safating method :::Direct On Line Approx.weight? :::D0°C 6::50 S S S Diate Concernet [A] ::D0:Code 11 ::D0:Code 12::50::50 S S Rated vatage [M] ::D0:Code 11 ::D0:Code 2::50::50 S S Rated vatage [M] ::D0:Code 11 ::D0:Code 2::50::50::50::50::50::50::50::50::50::5	Product line		: NEMA Premium Efficiency Three- Product code			Product code :	12675416		
Insulation class : F Mounting : F-1 Mounting : F-1 Duby cycle : Cont. (S1) Rotation1 : Beth (CW and CCW) Starting method : Direct On Line Antibude : 1000 m. a.s. I. Approx. weight ¹⁰ : 145 lb Direct On Line Protection degre :: IP55 5 5 5 Duby the : 5 5 5 5 Protection degre :: IP56 5 5 Read concert (LA) :: IP56 5 5 Read concert (LA) :: IP56 5 5 Read concert (RM) :: IP56 960 966 Sile [PM] :: IP5 : IP56 960 966 Sile for intrue (RI) : 2: IP57 : IP57 : IP56 105 100 </td <td></td> <td></td> <td>Phase</td> <td></td> <td></td> <td>Catalog # :</td> <td>00512ET3E</td> <td>215T-S</td>			Phase			Catalog # :	00512ET3E	215T-S	
Duty cycle : Cont.(S1) Rotation ¹ : Both (CW) and CCW) Attitude : 200°C to +40°C Starting method : Direct On Line Attitude : 1000 m.a.s.l. Approx. weight ⁴ : 145 to Design : B 5 5 Orles 6 6 6 Frequency [H2] 60 50 50 Safed voltage [V] 230/460 190/380 220/415 Red voltage [V] 230/460 190/380 220/415 Red voltage [V] 6.0x(Code H) 4.6x(Code E) 52.X(Code F) No load current [A] 6.84/3.42.4 6.73/3.8 6.86/3.64 Rated stoped [RPM] 117.5 960 965 Sin(P %) 2.08 4.00 3.50 Rated routpue [%] 2.20 160 190 Service factor 1.15 1.00 100 Service factor 1.15 10.0 100 Cocked rotor turue [%] 250 86.4 80.7 Son dB(A) 53.0 dB(A) <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>FC</td>								FC	
Ambient temperature : 20°C to i-40°C Starting method : Direct On Line Artibude : 1000 m.s.t. Approx.weight* : 145 to Protection degree : IP55 Duput [HP] 5 5 5 Seles 6 6 6 Fergenery [Hz] 60 50 50 Started vorting [N] 230/460 190/380 2220/415 Started vorting [A] 13.567.44 16.38.13 14.677.74 .R. Amperes [A] 80.9/40.4 .74.8/37.4 .75.9/40.2 .R. Amperes [A] 60.84/3.42 .6.75/3.38 6.86/3.64 Started speed [RPM] 117.5 .960 .965 3ile [9] 2.08 4.00 .3.50 Aradet orogue [%] 2.08 4.00 .3.00 Started oroge [RPM] 10.5 K .010 .010 erwice factor 1.1 K .05 K .010 K Cocked rotor traue [%] 25% .86.4 .89.4 .88.7 Efficiencr									
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Drive end Bearing type Drive end 6208 ZZ Foundation loads Max. traction : 250 lb Sealing : V'Ring Without Bearing Seal Max. compression : 394 lb Lubrication interval : - - - - Lubricant amount : - - - - Lubricant type : Mobil Polyrex EM Max. compression : 394 lb Notes . . - - - Lubricant type : Mobil Polyrex EM Motes . WSABLE @208V 14.9A SF 1.00 SFA 14.9A These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA 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. Performed by 									
Bearing type : 6208 ZZ 6206 ZZ Max. traction : 250 lb Sealing : V'Ring Without Bearing Seal Max. compression : 394 lb Lubrication interval : -		100%	0.77	0.77		0.81	81 0.80		
Sealing : V'Ring Without Bearing Seal Lubrication interval : - - Lubricant amount : - - Lubricant type Mobil Polyrex EM Max. compression : 394 lb Notes USABLE @208V 14.9A SF 1.00 SFA 14.9A Mobil Polyrex EM Max. compression : 394 lb This revision replaces and cancel the previous one, which must be eliminated. These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1. (2) Measured at 1m and with tolerance of +3dB(A). (3) Approximate weight subject to changes after manufacturing process. MG-1. (4) At 100% of full load. Performed Checked Date Performed by	Bearing type						[.] 250 lb		
Lubrication interval : - - Lubricant amount : - - Lubricant type : Mobil Polyrex EM Notes USABLE @208V 14.9A SF 1.00 SFA 14.9A This revision replaces and cancel the previous one, which must be eliminated. These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA (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. MG-1. Rev. Changes Summary Performed by Performed Checked by Page Revision 12/04/2022					Max. compression				
Lubricant amount : -	Lubrication interv	/al	: -	-					
Lubricant type : Mobil Polyrex EM Notes USABLE @208V 14.9A SF 1.00 SFA 14.9A These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA (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. Rev. Changes Summary Performed Checked Date Performed by				_					
Notes USABLE @208V 14.9A SF 1.00 SFA 14.9A 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. Rev. Changes Summary Performed Checked Date Performed by Checked by Date 12/04/2022		•	: Mobil Poly	rex EM					
must be eliminated. power supply, subject to the tolerances stipulated in NEMA (1) Looking the motor from the shaft end. power supply, subject to the tolerances stipulated in NEMA (2) Measured at 1m and with tolerance of +3dB(A). MG-1. (3) Approximate weight subject to changes after manufacturing process. MG-1. (4) At 100% of full load. Performed Checked Rev. Changes Summary Performed Checked Performed by Page Revision Checked by 1/16 1/16		14.9A SF 1.							
Performed by Performed by Performed by Performed by Performed by Page Revision Date 12/04/2022 1/16	must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate w manufacturing pro	ed. otor from the m and with t veight subjec ocess.	shaft end. olerance of +3dB(A		power su				
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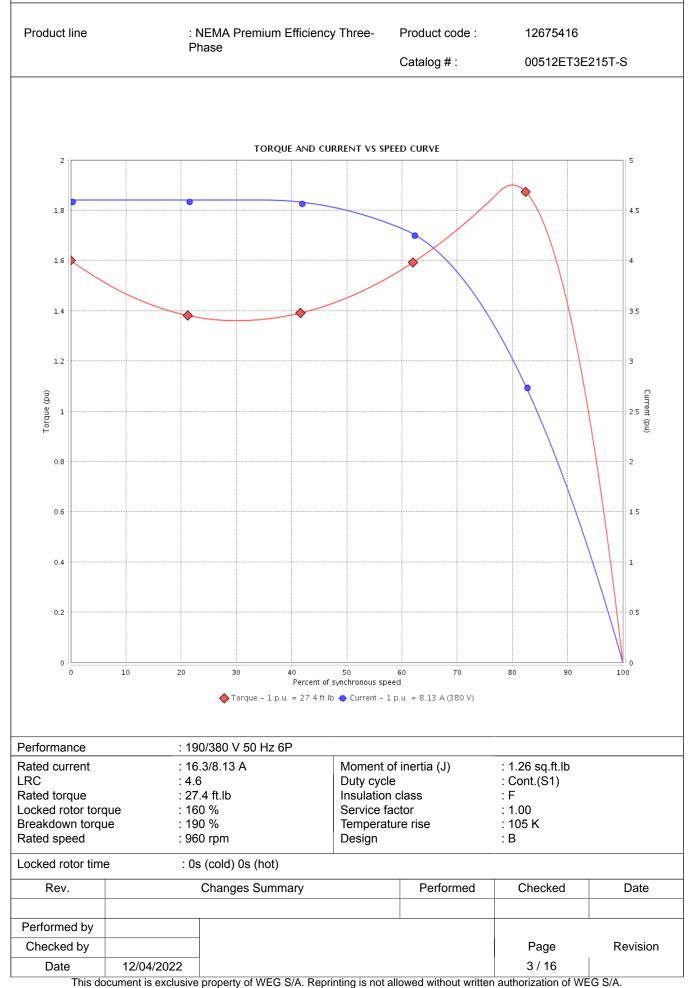
TORQUE AND CURRENT VS SPEED CURVE

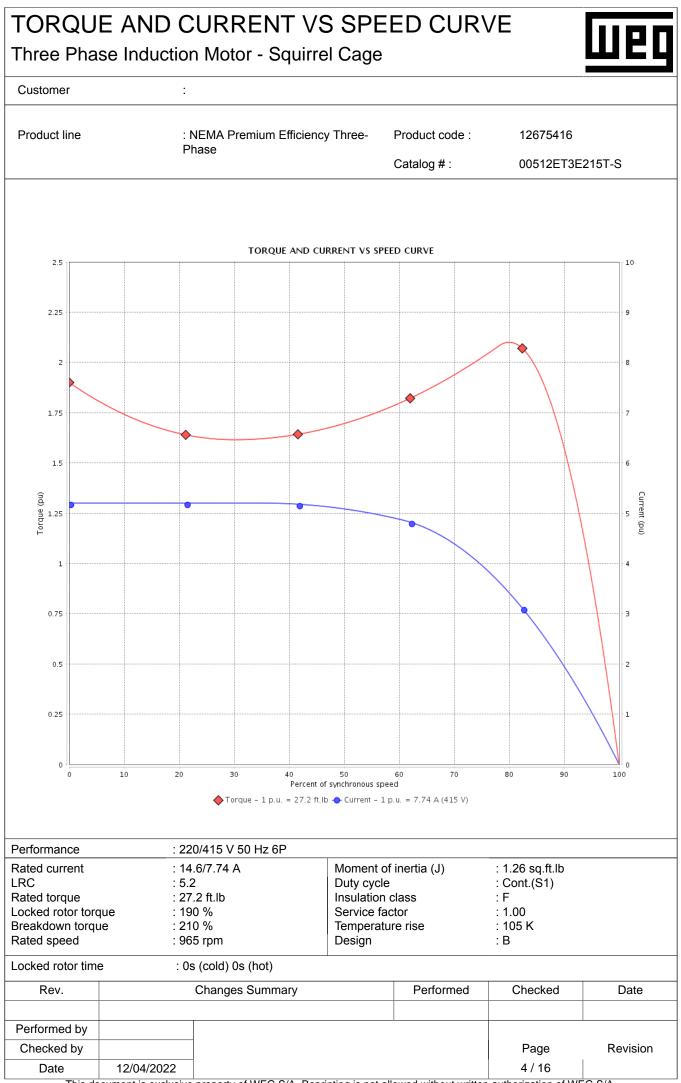
Three Phase Induction Motor - Squirrel Cage

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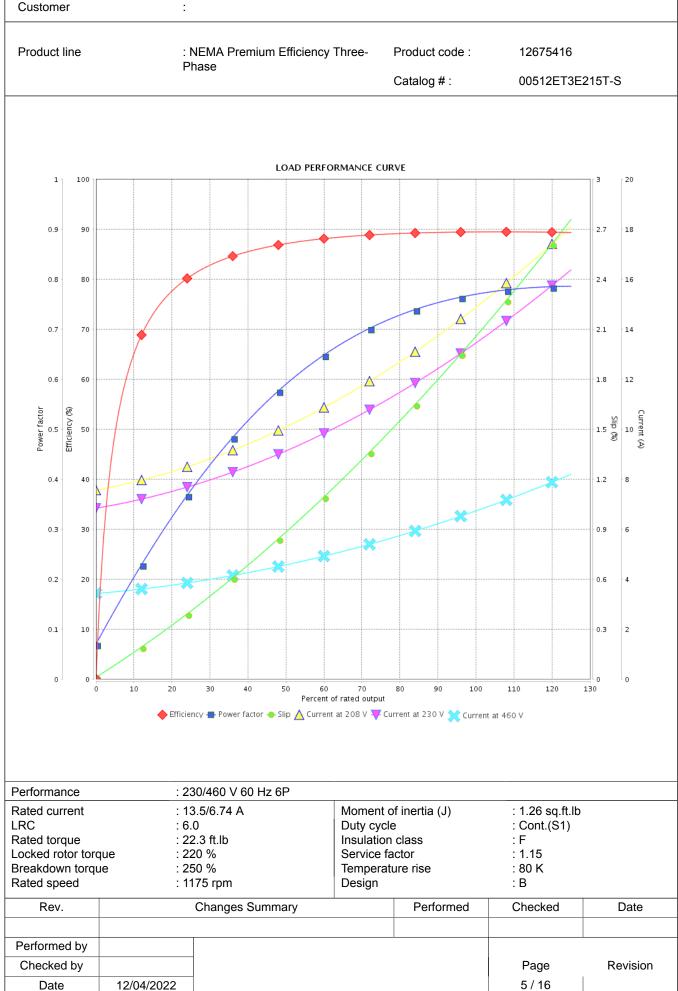




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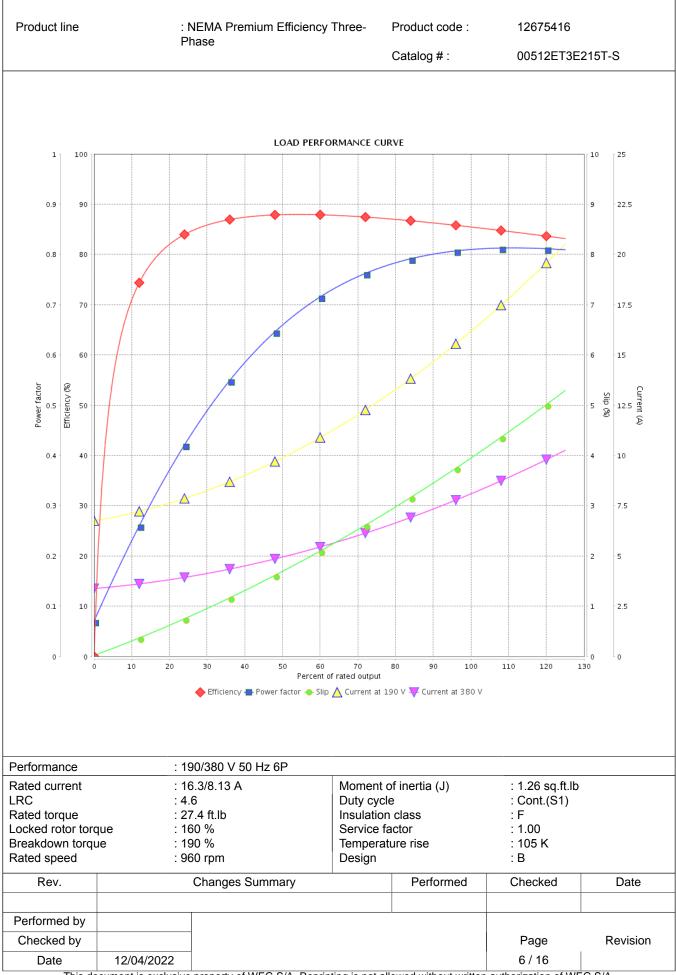
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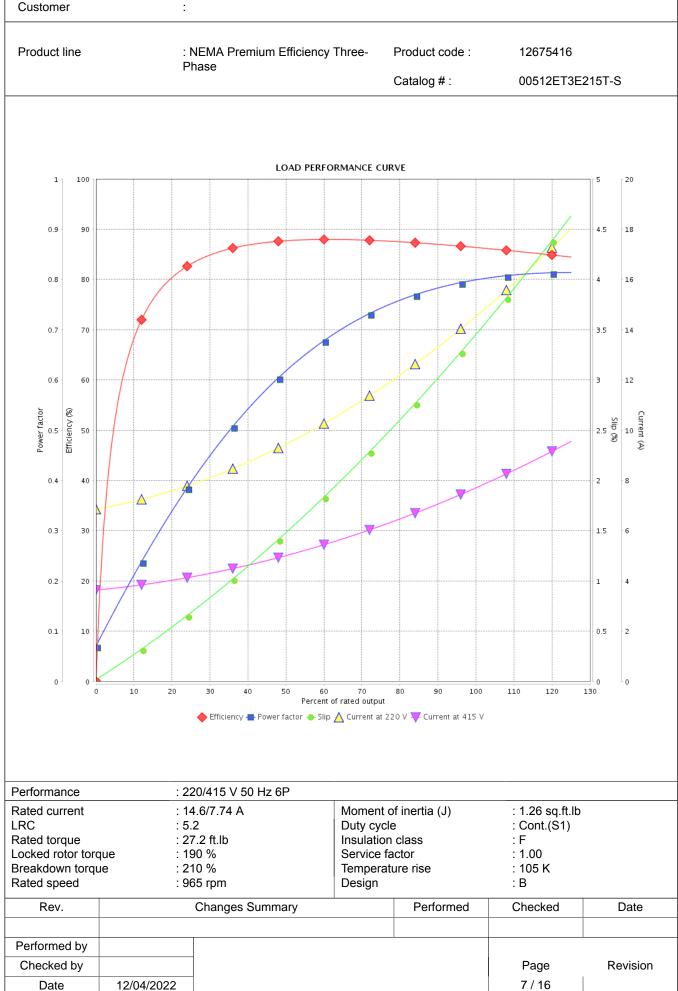
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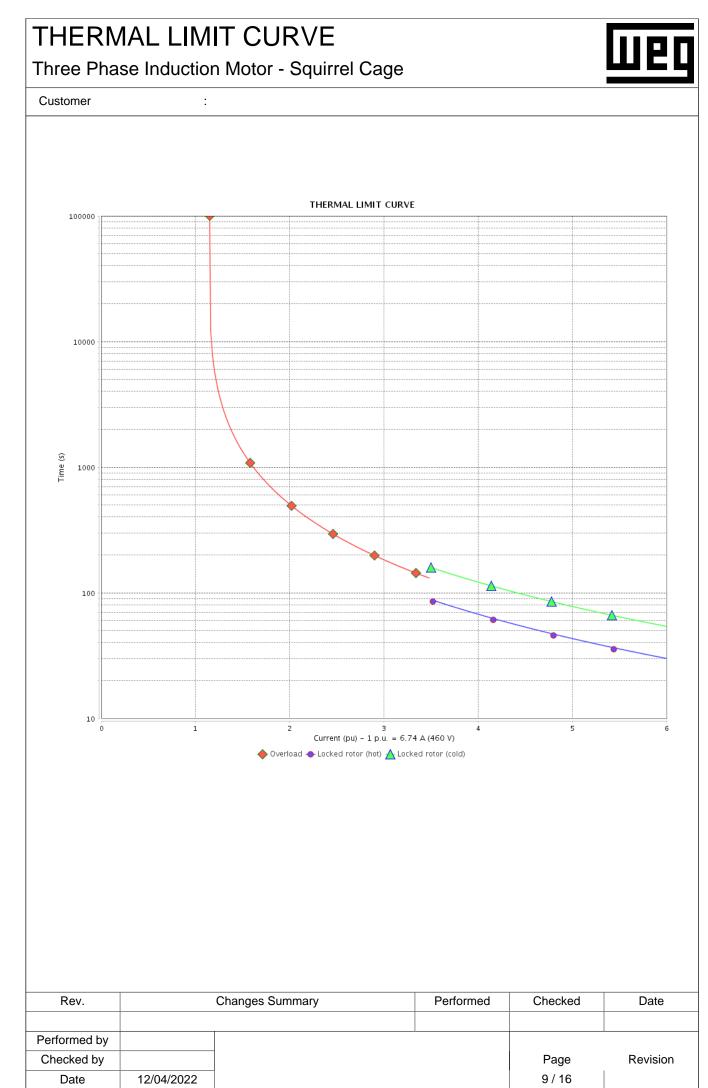
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THERMAL LIMIT CURVE
Three Phase Induction Motor - Squirrel Cage

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Customer

Customer	:					
Product line		NEMA Premium Efficiency ⁻ hase		Product code : Catalog # :	12675416 00512ET3E	215T-S
Performance		30/460 V 60 Hz 6P	N	fin antia (1)	. 4.00 # #	
Rated current LRC	: 6.	3.5/6.74 A 0	Duty cycle	of inertia (J) e	: 1.26 sq.ft.lb : Cont.(S1)	
Rated torque		2.3 ft.lb 20 %	Insulation class Service factor		: F : 1.15	
		20 % 50 %	Temperati		: 80 K	
Rated speed		175 rpm	Design		: B	
Heating constant						
Cooling constant	1					
Rev.		Changes Summary		Performed	Checked	Date
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Date	12/04/2022	-			8 / 16	



THERMAL LIMIT CURVE	
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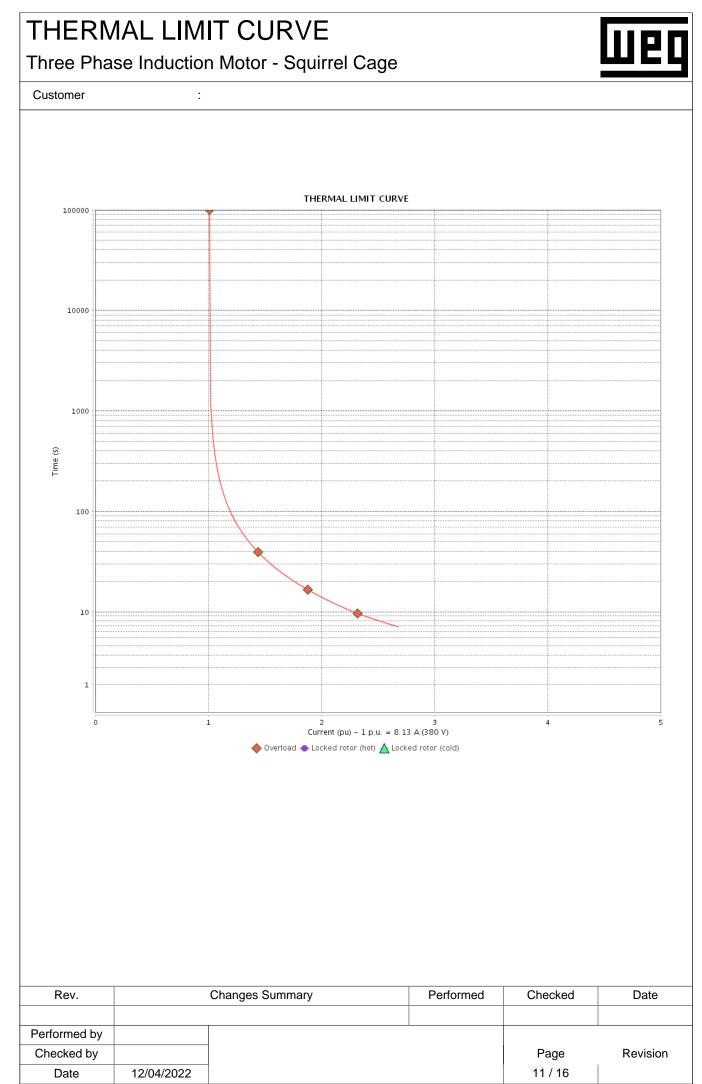
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Three Phase Induction Motor - Squirrel Cage



Customer

Product line : NEMA Premium Efficiency Phase			Product code :	12675416		
				Catalog # :	00512ET3E2	15T-S
Performance		90/380 V 50 Hz 6P				
LRC: 4.Rated torque: 2.Locked rotor torque: 16		4.6 Duty 27.4 ft.lb Insula 160 % Servi		class ctor	: 1.26 sq.ft.lb : Cont.(S1) : F : 1.00	
Breakdown torque : 190 % Rated speed : 960 rp			Temperatu Design		: 105 K : B	
Heating constant						
Cooling constan						
Rev.	1	Changes Summary		Performed	Checked	Date
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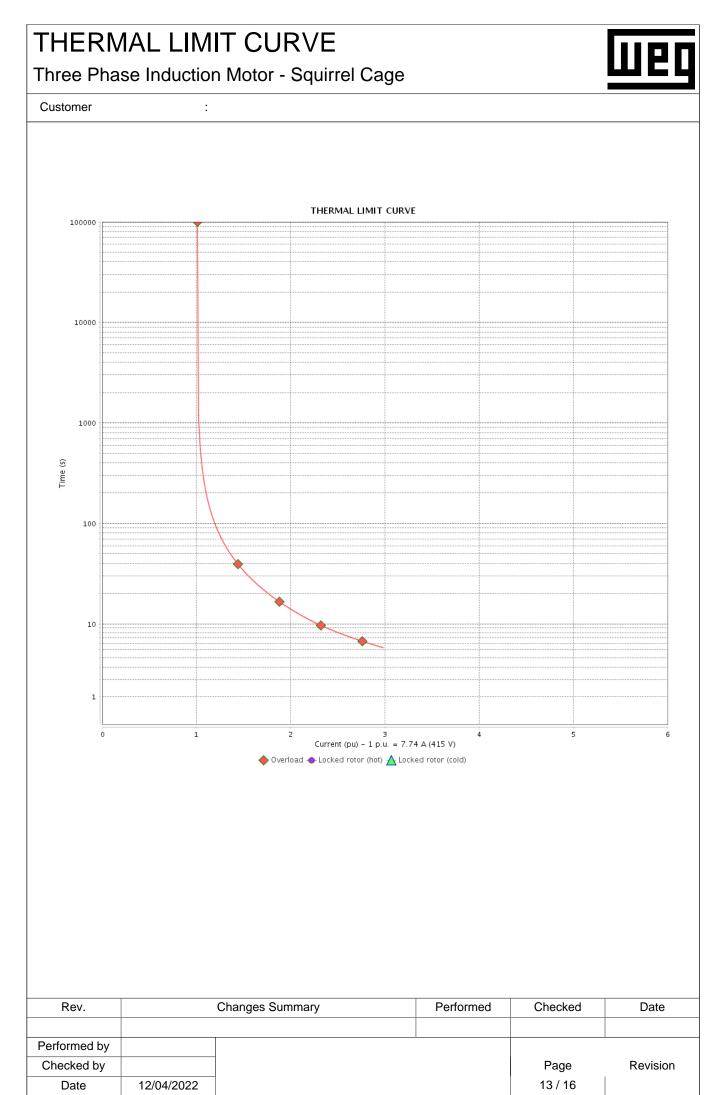
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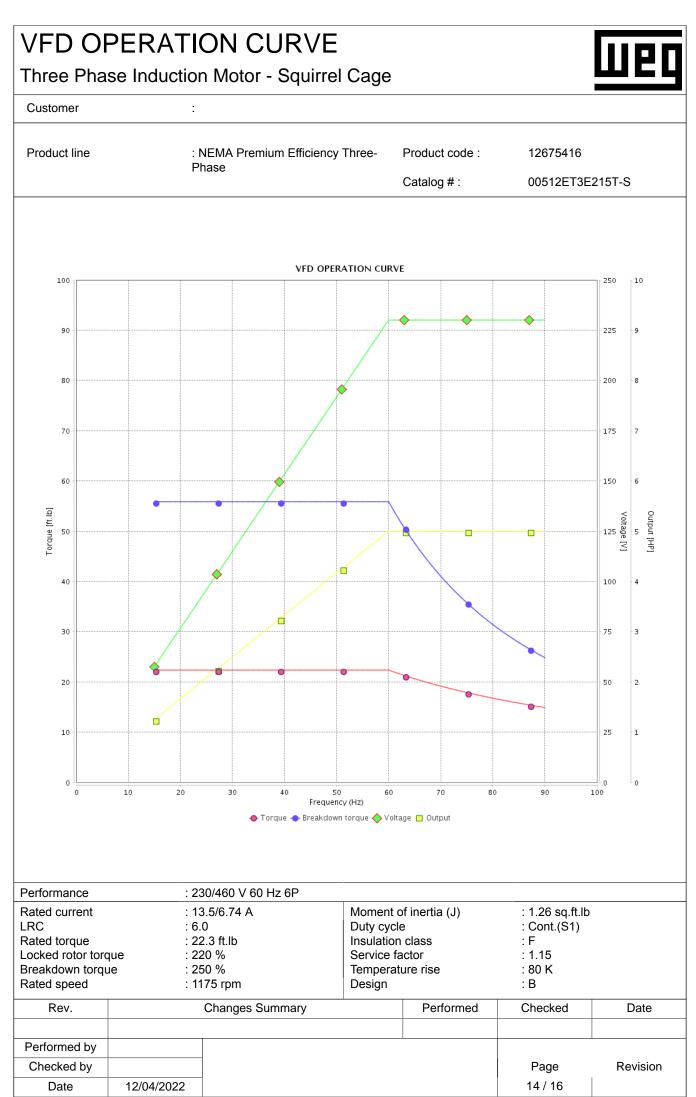
Three Phase Induction Motor - Squirrel Cage

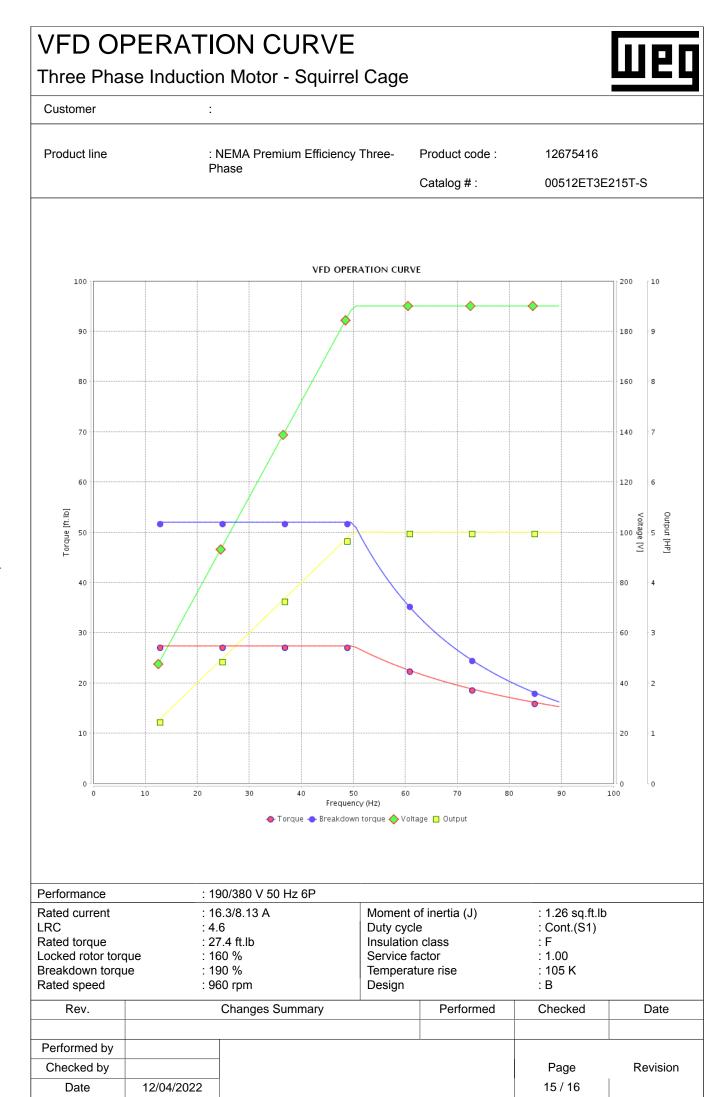


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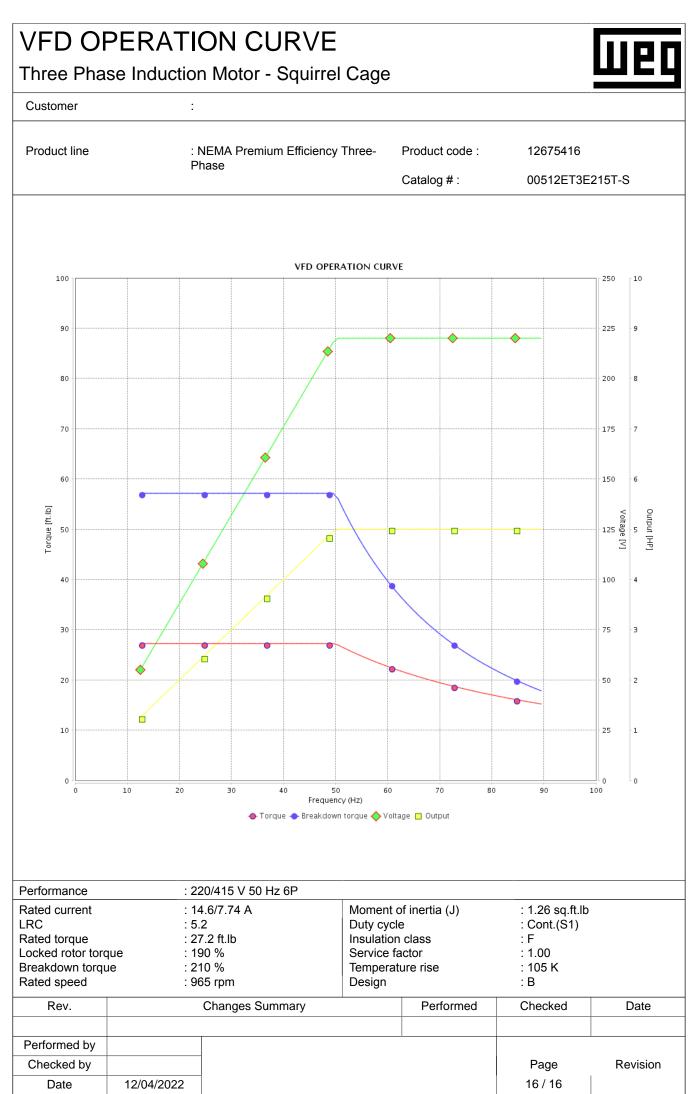
Product line	: NEMA Premium Efficiency Three- Phase		Product code :	12675416	12675416	
	Pliase		Catalog # :	00512ET3E2	15T-S	
Performance	: 220/415 V 50 Hz 6P					
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 14.6/7.74 A : 5.2 : 27.2 ft.lb : 190 % : 210 % : 965 rpm	Moment of Duty cycle Insulation Service fa Temperat Design	i class actor	: 1.26 sq.ft.lb : Cont.(S1) : F : 1.00 : 105 K : B		
Heating constant						
Cooling constant						
Rev.	Changes Summary		Performed	Checked	Date	
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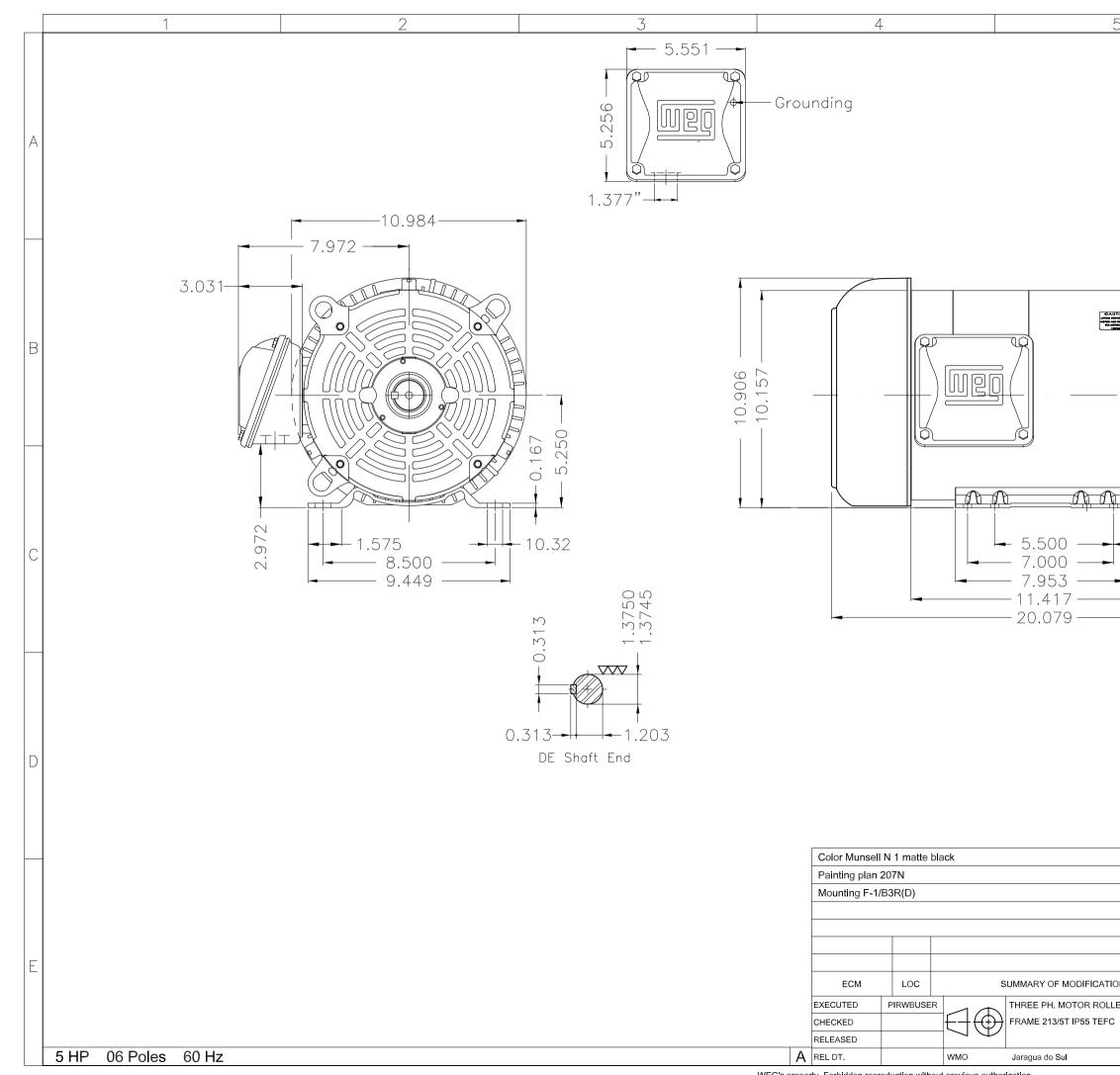




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5			6		
		- 2.480			
					Dimensions in inches
IONS	EXECUTED	CHECKED	RELEASED	DATE	VER
LED STEEL PREM. E	EFF.	PREVI	EW		
0		WDD		ШЕ	A3
Produc	t Engineering	SHEET	1 / 1		XME

CONTRACTOR	For 60Hz: Class I, Zone 2, IIC Class I, DIV2, Gr. A.B.(2) - 73 DIV 2 Inverter Duty (5F1.00) CT 2:1/Y1 1000:1	5.0 3.7 230,460 230,460 15,67,74 15,67,75 1,15 11,15 11,15 11,15 11,15	TERNATE RATING: 5.0HP 50Hz 190-220396-415V SF1.00 16.3-14.3.63:13-7.60A 980Hz 15F 88.4% (TE2) IEC 60034-1 For safe as-hyvericer ditty motor For 50Hz use on NPWM 1000:1 VT, 4:1 CT 8.208-ZZ DIEE 8206-ZZ IMOBIL POLYTERX EM	14 15 16 11-BLU 12-WHI 17 18 19 13-ORG 14-BLU 12-WHI 17 18 19 13-ORG 14-BLU 12-WHI 11 12 73 19-BRK RED 13-BRK RED 11 L2 L3 19-BRK RED	E ANT THO LIVE WRES TO REVERSE THE ROTATION : Macourts the groundle nacordiance with local diama letched a coder's by previat reflore section the. Disconnect power source before servicing unit. Artificities and a service before servicing as terre Artificities and soit is the service service service before service and soit is the service before section of the service of the service of the section of the service of the section.
LIEG REMA	MADE IN MEXICO MAT: 12675416 CC029A W01.TE0ICOX0N MODEL 00512ET3E215T-S 19APR2022 SN1:	Hz 60 A.a.s.I A.a.s.I A.a.s.I A.a.s.I A.a.s.I BES BES BES BES BES BES BES BES BES BES	ALTERNATE RATING: 5.0HP 56Hz 18.3-14.3/8.13-7.60A 980RPM For safe area-inverter duty motor For DE 6208-ZZ DDE 6206-ZZ MK	LOW VOLTA 71 71 71 71 71 71 71 71 71 71 71 71 71	INTERCHANGE ANY THO LIVE WIRES TO REVERSE THE ROTATION MATRING. MORT metels by provided in accordance with local and national electrical codes to prevent effolse electrical shocks. Disconnect power source before servicing unit. AVERTEREMENT: In more due due the the first is a the true conforminent aux codes electriques locaux stand diviner tout once electrique grave. Deconnecter 1'alimentation areant trutteden de la macilite.