DATA SHEET

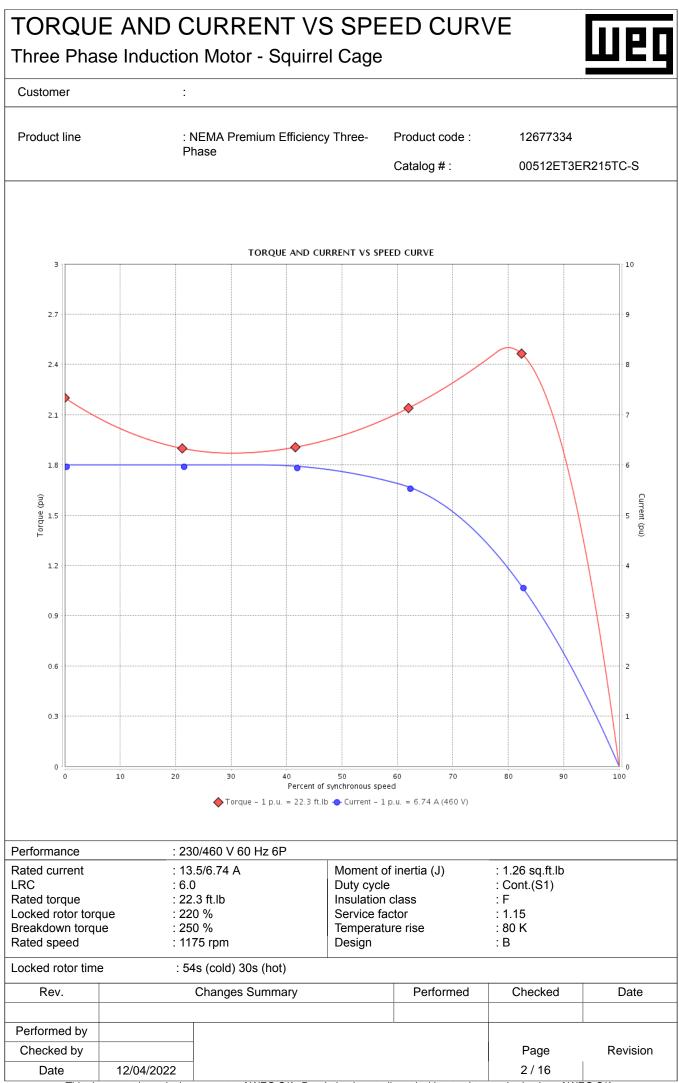
Three Phase Induction Motor - Squirrel Cage

:



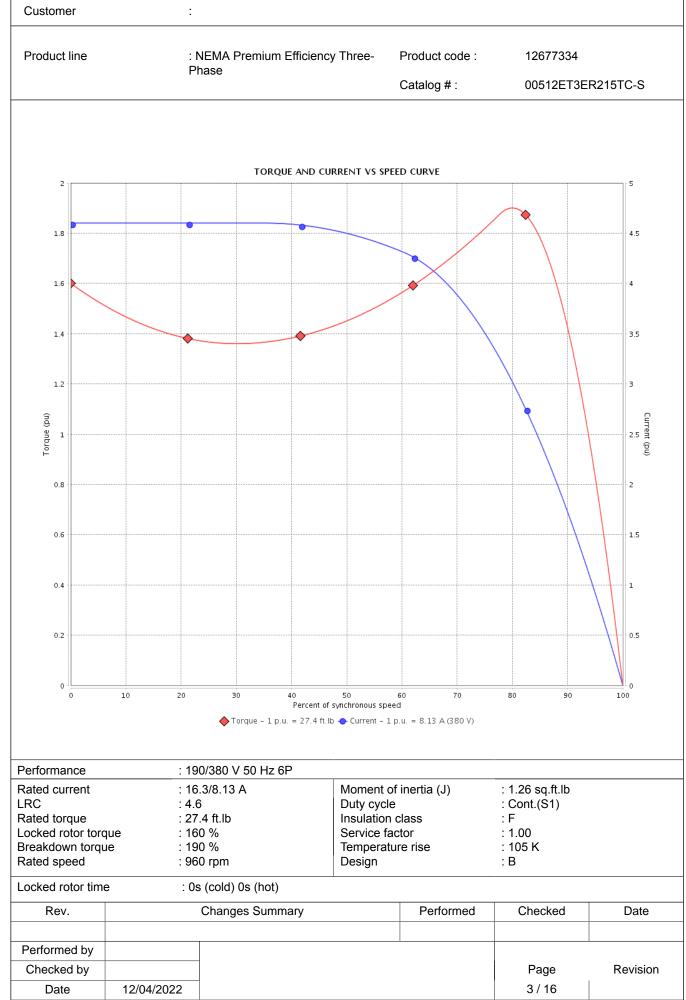
Customer

Catalog # :: Catalog # :: Frame :: 213/5TC Insulation class :: F Ambient temperature :: 20°C to +40°C Antitude :: 1000 m.a.s.l. Protection degree :: P55 Design :: B Output (HP] 5 5 Poles 6 6 Frequency [Hz] 60 50 Rated outlage [V] 230/460 190/380 Rated outlage [V] 230/460 190/380 Rated current [A] 6.5x/74 16.3/8.13 L R. Amperes [A] 80.9/40.4 74.8/37.4 IRC [A] 6.0x(Code H) 4.6x(Code E) No load current [A] 6.84/3.42 6.75/3.38 Rated speed [RPM] 1175 960 Sip [%] 2.06 4.00 Rated torque [%] 22.0 160 Breakdown torque [%] 250 190 Service factor 1.15 1.00 Tenseatown torque [%] 250 190 Service factor 1.15 87.4 Mover time 545 (cold) 30 (hot) 05 (cold) 50 Noise level ² 550 dB(A) 53.0 dB(A) Power	Product line		: NEMA Pre Phase	mium Efficiency T	hree-	Product code :	12677334	1	
Insulation class : F Mounting Duty cycle : Cont.(S1) Rotation1 Ambient temperature : 20°C to +40°C Starting method Antitude : 1000 m.a.s.l. Approx. weight ^a Protection degree :: IP55 Moment of inertia (J) Design 6 6 Frequency [Hz] 60 50 Rated voltage [V] 230/460 190/380 Rated voltage [V] 230/460 190/380 Rated voltage [V] 6.0.56(74 16.36(13) L.R. Amperes [A] 80.9/40.4 74.8/37.4 IRC [A] 6.0.8/43.42 6.76/3.38 Rated speed [RPM] 1175 960 Silp [%] 2.08 4.00 Rated torque [%] 220 160 Breakdown torque [%] 250 190 Bervice factor 1.15 1.00 Temperature rise 80 K 105 K Locked rotor time 55.0 dB(A) 53.0 dB(A) Sealing : V'Ring 83.4 <				FIIdSE			Catalog # :	00512ET	3ER215TC-S
Insulation class : F Mounting Duty cycle : Cont.(S1) Rotation1 Ambient temperature : 20°C to +40°C Starting method Antitude : 1000 m.a.s.l. Approx. weight ^a Protection degree :: IP55 Moment of inertia (J) Design : B 5 Output [HP] : 5 : 5 Poles : 6 : 6 Frequency [Hz] : 60 : 50 Rated voltage [V] : 230/460 : 190/380 L. R. Amperes [A] : 80.9/40.4 : 74.8/37.4 IRC [A] : 6.0x(Code H) : 4.6x(Code E) No load current [A] : 6.84/3.42 : 6.76/3.38 Rated speed [RPM] : 1175 : 960 Silip [%] : 2.08 : 4.00 Rated torque [%] : 22.0 : 160 Breakdown torque [%] : 250 : 190 Service factor : 1.15 : 1.00 Temperature rise : 80 K : 105 K Locked rotor time : 55.0 dB(A) : 53.0 dB				: 213/5TC		Coolin	g method	: IC411 - ⁻	TEFC
Duty cycle : Cont.(S1) Rotation ¹ Ambient temperature : -20°C to +40°C Starting method Attitude : 11000 m.a.s.l. Approx. weight ³ Protection degree : IP55 Moment of inertia (J) Design : B Starting method Output [HP] 5 : 5 Poles : 6 : 6 Frequency [Hz] : 60 : 50 Rated voltage [V] : 230/460 : 190/380 Rated voltage [V] : 230/460 : 190/380 Rated voltage [N] : 1175 : 960 No load current [A] : 6.0x(Code H) : 4.6x(Code E) No load current [A] : 6.84/3.42 : 6.75/3.38 Rated speed [RPM] : 1175 : 960 Slip [%] : 2.08 : 4.00 Rated speed [RPM] : 1175 : 160 Locked rotor torque [%] : 2.20 : 160 Service factor : 1.15 : 1.00 Temperature rise : 80 K : 100 Locked rotor time : 55.0 dB(A)<		ss						: W-6	-
Ambient temperature :-20°C to :+40°C Starting method Attitude ::1000 m.s.sl. Approx.weight ³ Protection degree ::P55 Moment of inertia (J) Design ::B 5 Output [HP] :5 :5 Poles :6 :6 Frequency [H2] :60 :50 Rated voltage [V] :230/460 :190/380 Rated ourrent [A] :6.34/3.42 :6.75/3.38 Rated ourrent [A] :6.84/3.42 :6.75/3.38 Rated speed [RPM] :1175 :960 Silp [%] :2.08 :4.00 Rated torque [%] :22.3 :27.4 Locked rotor torque [%] :250 :190 Bervice factor :1.15 :1.00 Temperature rise :80 K :005 (cold) 05 (hot) Notes level? :55.0 dB(A) :03:0 dB(A) Power Factor :1.00 :59% :0.61 Power Factor :00% :0.59 :0.61 Power Factor :0.70 :0.81 :0.81 Power Factor :00% :0.59 <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>W and CCW)</td>		-							W and CCW)
Attitude : 1000 m.a.s.l. Approx. weight ^a Protection degree : IP55 Moment of inertia (J) Design : B S Output [HP] 5 5 Poles 6 6 Frequency [Hz] 60 50 Rated voltage [V] 230/460 190/380 Rated current [A] 6.0x(Code H) 4.6x(Code E) No load current [A] 6.0x(Code H) 4.6x(Code E) No load current [A] 6.84/3.42 6.75/3.38 Rated speed [RPM] 1175 960 Slip [%] 2.08 4.00 Rated speed [RPM] 1175 960 Slip [%] 2.08 4.00 Rated speed [RPM] 1175 960 Slip [%] 2.08 4.00 Rated speed [RPM] 105 105 Efficiency (%) 250 190 Service factor 1.15 1.00 Temperature rise 80 K 105 K Locked rotor time 55.0 dB(A) 85.4<	ture	peratu	ire		40°C			: Direct O	
Protection degree : IP55 Moment of inertia (J) Design : B		orata						: 154 lb	
Design : B Dutput [HP] 5 5 Poles 6 6 Frequency [Hz] 60 50 Rated voltage [V] 230/460 190/380 Rated current [A] 13.5/6.74 16.3/8.13 .R. Amperes [A] 80.9/40.4 74.8/37.4 .R. Amperes [A] 6.0x(Code H) 4.6x(Code E) No load current [A] 6.8/3.42 6.75/3.38 Rated speed [RPM] 1175 960 Silp [%] 2.08 4.00 Rated torque [%] 22.0 160 Breakdown torque [%] 220 160 Service factor 1.15 1.00 Femperature rise 80 K 105 K Locked rotor trime 545 (cold) 30s (hot) 0s (cold) 0s (hot) Noise level ² 55.0 dB(A) 53.0 dB(A) 50% 87.5 87.8 Efficiency (%) 25% 0.35 0.41 00% 0.75 86.4 89.4 Efficiency (%) 25%	`	aroo			2.1.			: 1.26 sq.	ft lb
Coles 6 6 6 irrequency [Hz] 60 50 Rated voltage [V] 230/460 190/380 Rated voltage [V] 230/460 190/380 Rated voltage [V] 80.9/40.4 74.8/37.4 RC [A] 60.x(Code H) 4.6x/Code F) No load current [A] 6.84/3.42 6.75/3.38 Rated speed [RPM] 1175 960 Stated speed [RPM] 1175 960 Rated torque [ft.lb] 22.3 27.4 ocked rotor torque [%] 2250 190 Service factor 1.15 1.00 Reakdown torque [%] 250 190 Service factor 1.15 1.00 Coked rotor time 54s (cold) 30s (hot) 0s (cold) 0s (hot) voise level? 55.0 dB(A) 53.0 dB(A) 53.0 dB(A) Sol% 87.5 87.8 87.4 89.4 Efficiency (%) 50% 87.5 87.4 89.4 Power Factor 50% 0.35 0.41		giee				wome		. 1.20 39.	11.10
Frequency [Hz] 60 50 Rated voltage [V] 230/460 190/380 Rated current [A] 13.5/6.74 16.3/8.13 L. R. Amperes [A] 60.x(Code H) 4.&(Code E) No load current [A] 6.0x(Code H) 4.&(Code E) No load current [A] 6.84/3.42 6.75/3.38 Rated speed [RPM] 1175 960 Slip [%] 2.08 4.00 Rated torque [%] 22.0 160 Breakdown torque [%] 220 160 Breakdown torque [%] 250 190 Service factor 1.15 1.00 Temperature rise 80 K 105 K Locked rotor time 54s (cold) 30s (hot) 0s (cold) 0s (hot) Noise level? 25% 86.4 89.4 100% 89.5 87.4 89.4 100% 89.5 85.4 25% 0.35 0.41 100% 0.771 0.77 0.81 Max. compression Lubricatin interval - -					-		-		5
Rated voltage [V] 230/460 190/380 Rated current [A] 13.5/6.74 16.3/8.13 R. Amperes [A] 80.9/40.4 74.8/37.4 LRC [A] 6.0x(Code H) 4.6x(Code E) No load current [A] 6.84/3.42 6.75/3.38 Rated speed [RPM] 1175 960 Silp [%] 2.08 4.00 Rated torque [%] 220 160 Breakdown torque [%] 250 190 Service factor 1.15 1.00 Temperature rise 80 K 105 K Locked rotor time 54s (cold) 30s (hot) 0s (cold) 0s (hot) Noise level? 55.0 dB(A) 53.0 dB(A) 75% 88.5 87.4 100% 89.5 85.4 Power Factor 50% 0.59 0.66 75% 88.5 0.41 0.77 100% 0.71 0.77 0.81 Power Factor 6208 ZZ 6206 ZZ 6208 ZZ 6208 ZZ 6206 ZZ Sealing					6		6		6
Rated current [A] 13.5/6.74 16.3/8.13 L. R. Amperes [A] 80.9/40.4 74.8/37.4 IXC [A] 6.0x(Code H) 4.6x(Code E) No load current [A] 6.84/3.42 6.75/3.38 Rated speed [RPM] 1175 960 Slip [%] 2.08 4.00 Rated torque [ft.lb] 22.3 27.4 Locked rotor torque [%] 220 160 Breakdown torque [%] 250 190 Service factor 1.15 1.00 Temperature rise 80 K 105 K Locked rotor time 54s (cold) 30s (hot) 0s (cold) 0s (cold) 0s (hot) Noise level ² 55.0 dB(A) 53.0 dB(A) 50% 87.5 87.8 Efficiency (%) 75% 88.5 87.4 100% 89.5 86.4 89.4 100% 0.59 0.66 75% Power Factor 75% 0.71 0.77 100% 0.59 0.66 75% Sealing :					60		50		50
Rated current [A] 13.5/6.74 16.3/8.13 L. R. Amperes [A] 80.9/40.4 77.4.8/37.4 RC [A] 6.0x(Code H) 4.6x(Code E) No load current [A] 6.84/3.42 6.75/3.38 Rated speed [RPM] 1175 960 Slip [%] 2.08 4.00 Rated speed [RPM] 1175 960 Breakdown torque [%] 22.3 27.4 Locked rotor torque [%] 220 160 Breakdown torque [%] 250 190 Service factor 1.15 1.00 Temperature rise 80 K 105 K Locked rotor time 54.0 (cold) 30s (hot) 0s (cold) 0s (cold) 6s (hot) Noise level ² 55.0 dB(A) 53.0 dB(A) 53.0 dB(A) Efficiency (%) 75% 88.5 87.4 100% 89.5 88.5 Power Factor 75% 0.71 0.77 0.81 0.77 0.81 Lubricati amount - - - - - - -		[V]		23	30/460		190/380		220/415
L. R. Amperes [A] 80.9/40.4 74.8/37.4 LRC [A] 6.0x(Code H) 4.6x(Code E) No load current [A] 6.84/3.42 6.75/3.38 Rated speed [RPM] 1175 960 Slip [%] 2.08 4.00 Rated speed [RPM] 1175 960 Slip [%] 2.08 4.00 Rated torque [ft.lb] 22.3 27.4 Locked rotor torque [%] 220 160 Breakdown torque [%] 250 190 Service factor 1.15 1.00 Temperature rise 80 K 105 K Locked rotor time 54s (cold) 30s (hot) 0s (cold) 0s (hot) Noise level? 55.0 dB(A) 53.0 dB(A) 50% 87.5 87.8 75% 88.5 87.4 100% 89.5 86.4 Power Factor 50% 0.35 0.41 50% 0.35 0.41 0.77 100% 0.77 0.81 Max. compression Bearing t									14.6/7.74
LRC [A] 6.0x(Code H) 4.6x(Code E) No load current [A] 6.84/3.42 6.75/3.38 Rated speed [RPM] 1175 960 Silp [%] 2.08 4.00 Rated speed [RPM] 1175 960 Silp [%] 2.08 4.00 Rated torque [%] 22.3 27.4 Locked rotor torque [%] 250 190 Sreakdown torque [%] 250 190 Service factor 1.15 1.00 Rede tortor time 54s (cold) 30s (hot) 0s (cold) 0s (hot) Noise level? 550.0 dB(A) 53.0 dB(A) Fiftciency (%) 25% 86.4 89.4 Efficiency (%) 75% 87.5 87.8 75% 0.35 0.41 0.74 Power Factor 75% 0.71 0.77									75.9/40.2
No load current [A] 6.84/3.42 6.75/3.38 Rated speed [RPM] 1175 960 Slip [%] 2.08 4.00 Rated torque [ft.lb] 22.3 27.4 .ocked rotor torque [%] 250 190 Service factor 1.15 1.00 Service factor 1.15 1.00 Temperature rise 80 K 105 K .ocked rotor time 54s (cold) 30s (hot) 0s (cold) 0s (hot) Noise level ² 55.0 dB(A) 53.0 dB(A) Efficiency (%) 25% 86.4 89.4 25% 86.4 89.4 89.4 Power Factor 100% 89.5 85.4 Power Factor 100% 0.77 0.81 Power Factor 50% 0.71 0.77 100% 0.77 0.81 Max. traction Bearing type : 6208 ZZ 6206 ZZ Sealin Lubricatin interval : - - Lubrication loads Max. traction <t< td=""><td></td><td>6.7</td><td></td><td></td><td></td><td></td><td></td><td></td><td>2x(Code F)</td></t<>		6.7							2x(Code F)
Rated speed [RPM] 1175 960 Silp [%] 2.08 4.00 Rated torque [ft.lb] 22.3 27.4 ocked rotor torque [%] 220 160 Breakdown torque [%] 250 190 Service factor 1.15 1.00 Temperature rise 80 K 105 K ocked rotor time 545 (cold) 30s (hot) 0s (cold) 0s (hot) Noise level? 55.0 dB(A) 53.0 dB(A) 25% 86.4 89.4 50% 87.5 87.8 75% 88.5 87.4 100% 89.5 85.4 25% 0.35 0.41 00% 0.77 0.81 Power Factor 50% 0.76 2606 ZZ 75% 0.71 0.77 0.81 Lubrication interval : - - Lubricat amount : - - Lubricat amount : - - - Lubricat at mand with tolerance		+ [^]							
Slip [%] 2.08 4.00 Rated torque [ft.lb] 22.3 27.4 .ocked rotor torque [%] 220 160 Sreakdown torque [%] 250 190 Service factor 1.15 1.00 Temperature rise 80 K 105 K .ocked rotor time 54s (cold) 30s (hot) 0s (cold) 0s (hot) Noise level ² 55.0 dB(A) 53.0 dB(A) Efficiency (%) 50% 87.5 87.8 75% 88.5 87.4 89.5 75% 88.5 87.4 100% 90% 0.77 0.81 50% 0.77 100% 0.77 0.81 50% 0.77 100% 0.77 0.81 50% 30.41 50% 0.76 0.77 0.81 50% Bearing type : 6208 ZZ 6206 ZZ 6206 ZZ Sealing : - - - Lubrication interval : - - -									6.86/3.64
Rated torque [f.lb] 22.3 27.4 Locked rotor torque [%] 220 160 Breakdown torque [%] 250 190 Service factor 1.15 1.00 Temperature rise 80 K 105 K Locked rotor time 54s (cold) 30s (hot) 0s (cold) 0s (hot) Noise level? 55.0 dB(A) 53.0 dB(A) 25% 86.4 89.4 Efficiency (%) 50% 87.5 87.8 75% 88.5 87.4 100% 89.5 85.4 100% 89.5 85.4 Power Factor 50% 0.59 0.66 75% 0.71 0.77 0.81 Bearing type : 6208 ZZ 6206 ZZ 6206 ZZ Sealing : Lubrication interval : Lubrication interval : Lubrication interval <t< td=""><td>J</td><td>κΡΜ]</td><td></td><td></td><td></td><td></td><td></td><td></td><td>965</td></t<>	J	κΡΜ]							965
Locked rotor torque [%] 220 160 Breakdown torque [%] 250 190 Service factor 1.15 1.00 Emperature rise 80 K 105 K Locked rotor time 54s (cold) 30s (hot) 0s (cold) 0s (hot) Noise level ^a 55.0 dB(A) 53.0 dB(A) Efficiency (%) 25% 86.4 89.4 75% 88.5 87.4 100% 89.5 85.4 100% 89.5 85.4 25% 0.35 0.41 50% 0.71 0.77 100% 0.77 0.81 Power Factor 75% 0.71 0.77 100% 0.77 0.81 Max. traction Bearing type : 6208 ZZ 6206 ZZ 6206 ZZ Sealing : - - Max. traction Bearing type : Mobil Polyrex EM Max. compression Stationant amount : - - Lubricant type									3.50
Breakdown torque [%] 250 190 Service factor 1.15 1.00 Temperature rise 80 K 105 K Locked rotor time 54s (cold) 30s (hot) 0s (cold) os (hot) Noise level ² 55.0 dB(A) 53.0 dB(A) Efficiency (%) 75% 86.4 89.4 25% 86.4 89.4 89.4 Efficiency (%) 75% 87.5 87.8 75% 88.5 87.4 100% 89.5 85.4 Power Factor 50% 0.59 0.66 75% 0.77 0.81 Drive end Non drive end Foundation loads Max. traction Max. compression Bearing type : 6208 ZZ 6206 ZZ 6206 ZZ Scale Max. traction Sealing : . - - Lubricant amount : - - Lubricant amount : - - - - - Lubricant type : Mobil Polyrex EM					22.3				27.2
Breakdown torque [%] 250 190 Service factor 1.15 1.00 Temperature rise 80 K 105 K Locked rotor time 545 (cold) 30s (hot) 0s (cold) os (hot) Noise level ² 55.0 dB(A) 53.0 dB(A) Efficiency (%) 75% 86.4 89.4 25% 86.4 89.4 89.4 Efficiency (%) 75% 87.5 87.8 75% 88.5 87.4 100% 89.5 85.4 Power Factor 50% 0.35 0.41 0.77 0.81 Power Factor 50% 0.71 0.77 0.81 Bearing type : 6208 ZZ 6206 ZZ 6206 ZZ Scaling Without Lubrication interval : - - - - Lubricant amount : - - - - Lubricant type : Mobil Polyrex EM Max. traction Max. traction Notes USABLE @208V 14.9A SF 1.00 SFA 1	e [%]	rque [[%]		220		160		190
Service factor 1.15 1.00 Temperature rise 80 K 105 K Locked rotor time 54s (cold) 30s (hot) 0s (cold) 0s (hot) Noise level ² 55.0 dB(A) 53.0 dB(A) Efficiency (%) 50% 87.5 87.8 25% 86.4 89.4 50% 87.5 87.8 75% 88.5 87.4 100% 89.5 85.4 25% 0.35 0.41 50% 0.71 0.77 100% 0.77 0.81 Power Factor Drive end Non drive end Scale ZZ 6208 ZZ Sealing : V'Ring Without Bearing Seal Kax. traction Max. compression Lubrication interval : - - - Lubrication type : Mobil Polyrex EM Max. traction Notes USABLE @208V 14.9A SF 1.00 SFA 14.9A MG-1. Changes Summary Performed MG-1. (2) Measured at 1m and with tolerance of +3dB(A). MG-1. . (3) Approximate weight subject to changes					250				210
Temperature rise 80 K 105 K Locked rotor time 54s (cold) 30s (hot) 0s (cold) 0s (hot) Noise level ² 55.0 dB(A) 53.0 dB(A) Efficiency (%) 25% 86.4 89.4 25% 86.4 89.4 89.4 Fificiency (%) 50% 87.5 87.8 75% 88.5 85.4 0.35 Power Factor 50% 0.75 0.77 100% 0.77 0.81 0.77 100% 0.77 0.81 0.77 100% 0.77 0.81 0.77 100% 0.77 0.81 Max. traction Bearing type : 6208 ZZ 6206 ZZ Max. traction Sealing : V'Ring Without Bearing Seal Max. traction Lubricatin interval : - - - - Lubricatin type : Mobil Polyrex EM Max. compression Max. compression Notes USABLE @208V 14.9A SF 1.00		. · L'	-						1.00
Locked rotor time 54s (cold) 30s (hot) 0s (cold) 0s (hot) Noise level ² 55.0 dB(A) 53.0 dB(A) Efficiency (%) 50% 87.5 87.8 75% 88.5 87.4 100% 89.5 85.4 25% 0.35 0.41 100% 0.59 0.66 75% 0.71 0.77 100% 0.77 0.81 Bearing type : 6208 ZZ 6206 ZZ Sealing : V'Ring Without Bearing type : 6208 ZZ 6206 ZZ Lubrication interval : - - Lubrication interval : - - Lubricatin amount : - - Lubricatin type : Mobil Polyrex EM Max. compression Notes USABLE @208V 14.9A SF 1.00 SFA 14.9A MG-1. MG-1. (1) Looking the motor from the shaft end. (2) Measured at 1m and with tolerance of +3dB(A). MG-1. (2) Aesured at 1m and with to		20							105 K
Noise level ² 55.0 dB(A) 53.0 dB(A) Efficiency (%) 25% 86.4 89.4 50% 87.5 87.8 75% 88.5 87.4 100% 89.5 85.4 25% 0.35 0.41 100% 0.59 0.66 75% 0.71 0.77 100% 0.77 0.81 Bearing type 6208 ZZ 6206 ZZ Sealing : V'Ring Without Bearing Seal Lubrication interval : - - Lubricant amount : - - Lubricant type : Mobil Polyrex EM Max. traction Notes USABLE @208V 14.9A SF 1.00 SFA 14.9A MG-1. MG-1. This revision replaces and cancel the previous one, which must be eliminated. These are average va power supply, subject (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 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>0- (</td> <td></td>						-		0- (
Efficiency (%) 25% 86.4 89.4 50% 87.5 87.8 75% 88.5 87.4 100% 89.5 85.4 25% 0.35 0.41 50% 0.59 0.66 75% 0.71 0.77 100% 0.77 0.81 Bearing type : 6208 ZZ 6206 ZZ Sealing : V'Ring Without Bearing type : 6208 ZZ 6206 ZZ Sealing : V'Ring Without Bearing type : - - Lubrication interval : - - Lubricant amount : - - Lubricant type : Mobil Polyrex EM Max. compression Notes USABLE @208V 14.9A SF 1.00 SFA 14.9A MG-1. MG-1. (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 Rev		ne				0			cold) 0s (hot)
Efficiency (%) 50% 87.5 87.8 75% 88.5 87.4 100% 89.5 85.4 100% 0.35 0.41 50% 0.59 0.66 75% 0.71 0.77 100% 0.77 0.81 Bearing type : 6208 ZZ 6206 ZZ Sealing : V'Ring Without Bearing Seal : V'Ring Max. traction Lubrication interval : - - Lubricant amount : - - Lubricant type : Mobil Polyrex EM Max. compression Notes USABLE @208V 14.9A SF 1.00 SFA 14.9A MG-1. - Y Measured at 1m and with tolerance of +3dB(A). (3) Approximate weight subject to changes after manufacturing process. (4) At 100% of full load. WG-1. Rev. Changes Summary Performed Performed			0=0/					5	3.0 dB(A)
Efficiency (%) 75% 88.5 87.4 100% 89.5 85.4 100% 0.35 0.41 50% 0.59 0.66 75% 0.71 0.77 100% 0.77 0.81 Bearing type : 6208 ZZ 6206 ZZ Sealing : V'Ring Without Bearing type : 6208 ZZ 6206 ZZ Sealing : V'Ring Max. traction Max. compression Max. compression Max. compression Lubrication interval : - - Lubricant amount : - - Lubricant type : Mobil Polyrex EM Max. compression Notes USABLE @208V 14.9A SF 1.00 SFA 14.9A MG-1. 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 Rev. Changes Summary									88.7
100% 86.5 67.4 100% 89.5 85.4 100% 0.35 0.41 50% 0.35 0.41 50% 0.59 0.66 75% 0.71 0.77 100% 0.77 0.81 Bearing type : 6208 ZZ 6206 ZZ Sealing : V'Ring Without Bearing Seal Max. traction Lubrication interval : - - - Lubricant amount : - - - Lubricant type : Mobil Polyrex EM Max. compression Notes USABLE @208V 14.9A SF 1.00 SFA 14.9A MG-1. MG-1. 'I Looking the motor from the shaft end. (2) Measured at 1m and with tolerance of +3dB(A). MG-1. MG-1. (3) Approximate weight subject to changes after manufacturing process. (4) At 100% of full load. Performed Rev. Changes Summary Performed		$ \begin{bmatrix} \\ \\ \end{bmatrix} $		87.5			87.8		87.6
Power Factor 25% 0.35 0.41 50% 0.59 0.66 75% 0.71 0.77 100% 0.77 0.81 Bearing type : 6208 ZZ 6206 ZZ Sealing : V'Ring Without Bearing type : 6208 ZZ 6206 ZZ Sealing : V'Ring Without Bearing Seal : - - Lubrication interval : - - Lubricant amount : - - Lubricant type : Mobil Polyrex EM Max. compression Notes USABLE @208V 14.9A SF 1.00 SFA 14.9A These are average va power supply, subject (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 Rev. Changes Summary Performed	75		75%	88.5			87.4		87.8
Power Factor 25% 0.35 0.41 50% 0.59 0.66 75% 0.71 0.77 100% 0.77 0.81 Bearing type : 6208 ZZ 6206 ZZ Sealing : V'Ring Without Bearing type : 6208 ZZ 6206 ZZ Sealing : V'Ring Without Bearing Seal : - - Lubrication interval : - - Lubricant amount : - - Lubricant type : Mobil Polyrex EM Max. compression Notes USABLE @208V 14.9A SF 1.00 SFA 14.9A These are average va power supply, subject (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 Rev. Changes Summary Performed									86.3
Power Factor50%0.590.6675%0.710.77100%0.770.81Bearing type:6208 ZZ6206 ZZSealing:V'RingWithout Bearing SealMax. traction Max. compressionLubrication interval:Lubricant amount:Lubricant type:Mobil Polyrex EMMax. compressionNotes USABLE @208V 14.9A SF 1.00 SFA 14.9AThese are average va power supply, subject (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 SummaryPerformed PerformedPerformed by									0.37
Power Factor 75% 0.71 0.77 100% 0.77 0.81 Bearing type : 6208 ZZ 6206 ZZ Max. traction Sealing : V'Ring Without Max. compression Lubrication interval : - - Max. compression Lubricant amount : - - - Lubricant type : Mobil Polyrex EM Max. compression Notes USABLE @208V 14.9A SF 1.00 SFA 14.9A These are average va power supply, subject (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 Rev. Changes Summary Performed		_							0.62
100%0.770.81Drive end 6208 ZZNon drive end 6206 ZZFoundation loads Max. traction Max. compressionSealing:V'RingWithout Bearing SealMax. traction Max. compressionLubrication interval:Lubricant amount:Lubricant amount:Lubricant type:Mobil Polyrex EMMax. tractionNotes USABLE @208V 14.9A SF 1.00 SFA 14.9AThese are average va power supply, subject (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 SummaryPerformed PerformedRev.Changes SummaryPerformed									
Drive end Bearing type Drive end 6208 ZZ Non drive end 6206 ZZ Foundation loads Max. traction Sealing V'Ring Without Bearing Seal Max. compression Lubrication interval - - Lubricant amount - - Lubricant type Mobil Polyrex EM Max. traction Notes USABLE @208V 14.9A SF 1.00 SFA 14.9A These are average va power supply, subject (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 Rev. Changes Summary Performed Performed by									0.74
Bearing type : 6208 ZZ 6206 ZZ Max. traction Sealing : V'Ring Without Max. compression Lubrication interval : - - Lubricant amount : - - Lubricant type : Mobil Polyrex EM Max. traction Notes USABLE @208V 14.9A SF 1.00 SFA 14.9A This revision replaces and cancel the previous one, which must be eliminated. This revision replaces and cancel the previous one, which must be eliminated. These are average va power supply, subject 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. Ev. Changes Summary Performed Performed by	10		100%	L			0.81		0.80
Sealing : V'Ring Without Bearing Seal Max. compression Lubrication interval : - - Lubricant amount : - - Lubricant type : Mobil Polyrex EM Max. compression Notes USABLE @208V 14.9A SF 1.00 SFA 14.9A These are average va This revision replaces and cancel the previous one, which must be eliminated. These are average va (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 Rev. Changes Summary Performed Performed by Imax double								. 045 lb	
Bearing Seal 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 va power supply, subject 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. MG-1. MG-1. (4) At 100% of full load. Performed Performed								: 245 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 va power supply, subject 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 Rev. Changes Summary Performed				: V'Ring			ompression	: 399 lb	
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 va power supply, subject 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 Rev. Changes Summary Performed	al	terval		: -	-				
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 va power supply, subject 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 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. These are average va power supply, subject 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. MG-1. MG-1. (4) At 100% of full load. Performed Performed				: Mobi	Polvrex FM				
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 Performed by		-							
must be eliminated. power supply, subject (1) Looking the motor from the shaft end. MG-1. (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 Performed by Performed	14.9A)8V 14	4.9A SF 1	.00 SFA 14.9A					
must be eliminated. power supply, subject (1) Looking the motor from the shaft end. MG-1. (2) Measured at 1m and with tolerance of +3dB(A). MG-1. (3) Approximate weight subject to changes after MG-1. manufacturing process. Performed by Performed by Performed by									
must be eliminated. power supply, subject (1) Looking the motor from the shaft end. MG-1. (2) Measured at 1m and with tolerance of +3dB(A). MG-1. (3) Approximate weight subject to changes after MG-1. manufacturing process. Performed by Performed by Performed by									
must be eliminated. power supply, subject (1) Looking the motor from the shaft end. MG-1. (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 Performed by Performed	ces a	eplace	es and ca	ncel the previo	us one, which	These	are average values	based on tests	with sinusoidal
(1) Looking the motor from the shaft end. MG-1. (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 Rev. Changes Summary Performed Performed by Image: Changes Summary Image: Changes Summary				-		powers	supply, subject to th	ne tolerances sti	pulated in NEMA
(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 by	otor fr	e moto	or from the	e shaft end.					
(3) Approximate weight subject to changes after manufacturing process. (4) At 100% of full load. Rev. Changes Summary Performed by					dB(A).				
manufacturing process. (4) At 100% of full load. Rev. Changes Summary Performed by									
(4) At 100% of full load. Rev. Changes Summary Performed Performed by									
Rev. Changes Summary Performed Performed by									
Performed by				Changes	Summary		Performed	Checked	Date
				-					
Checked by		,							I
								Page	Revision
Date 12/04/2022								1 / 16	

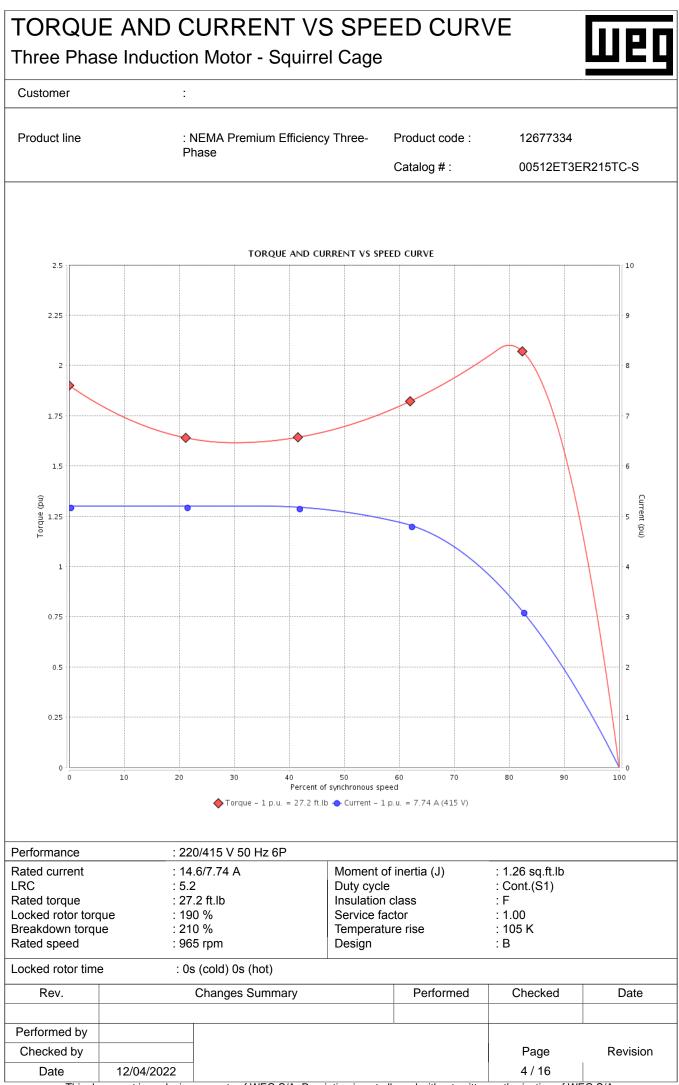


TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



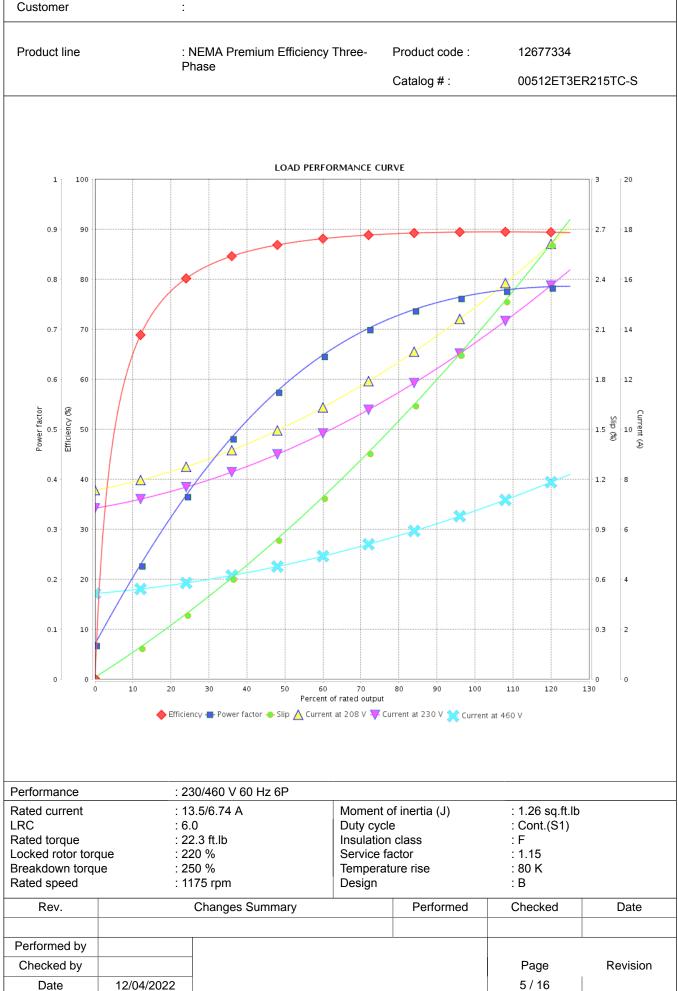
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.



LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

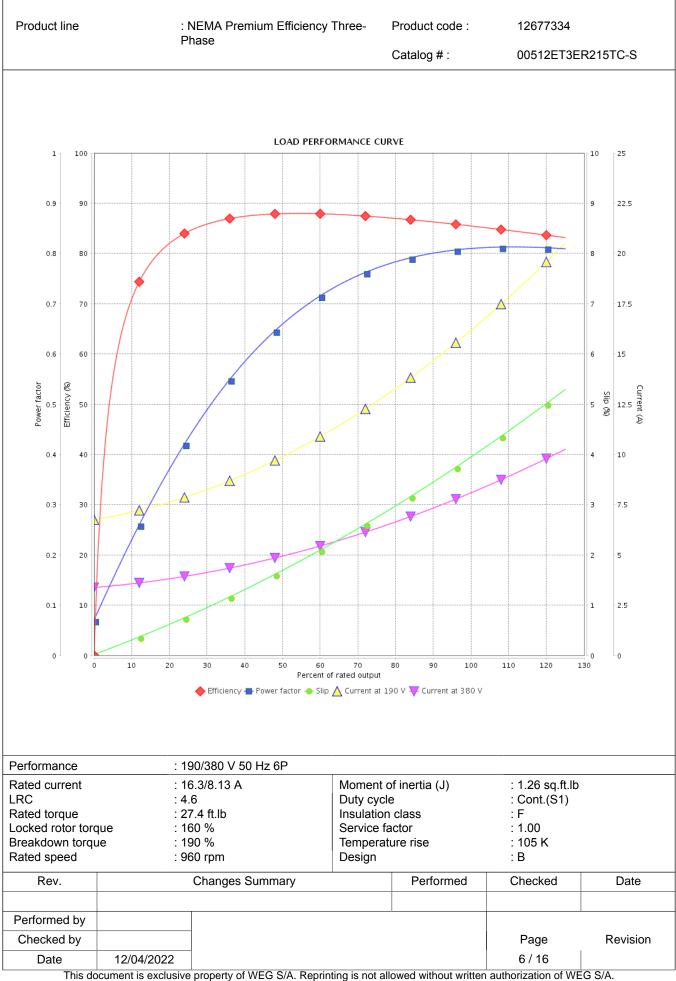
LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

:



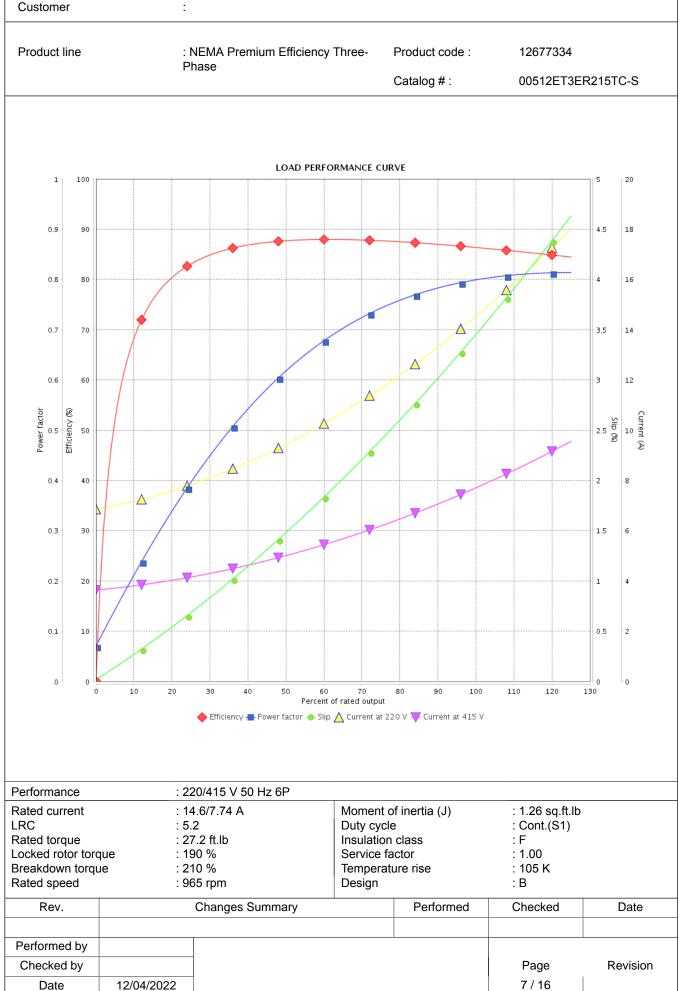
Customer



LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

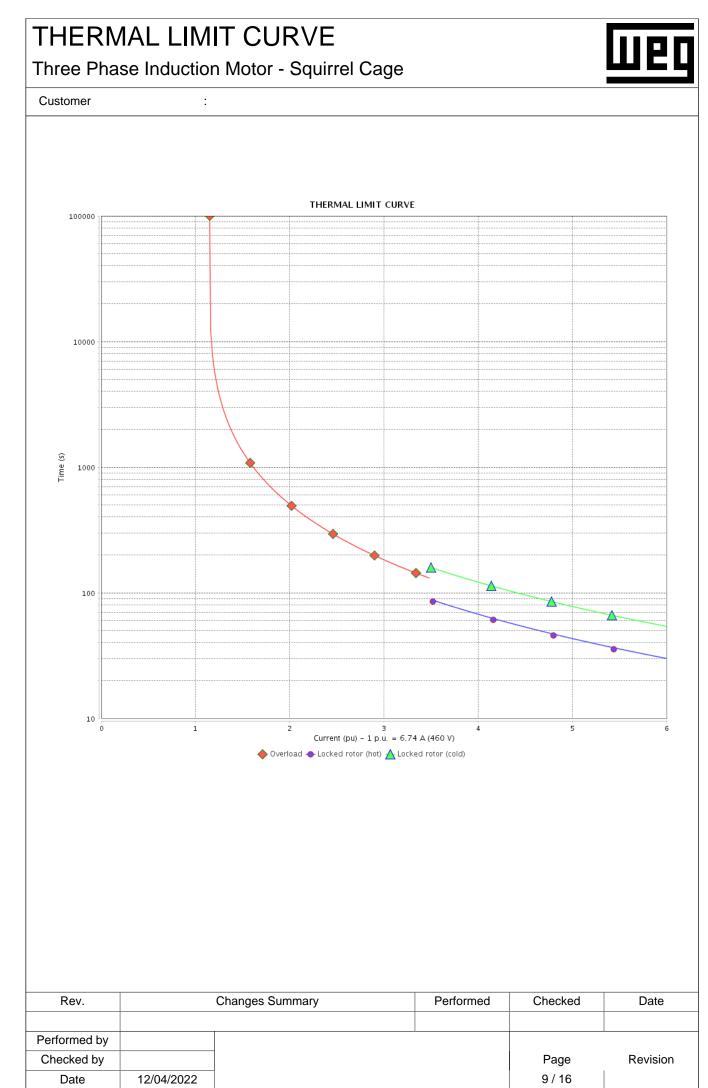
Customer



This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

THERMAL LI	THERMAL LIMIT CURVE				
Three Phase Induc	tion Motor - Squirrel Cage)	шсц		
Customer	:				
Product line	: NEMA Premium Efficiency Three-	Product code :	12677334		
	Phase	Catalog # :	00512ET3ER215TC-S		

Performance	:	230/460 V 60 Hz 6P				
Rated current LRC Rated torque Locked rotor toro Breakdown torqu Rated speed	: ; ue ;	13.5/6.74 AMoment of inertia6.0Duty cycle22.3 ft.lbInsulation class220 %Service factor250 %Temperature rise1175 rpmDesign		e class ictor	: 1.26 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B	
Heating constant						
Cooling constant	t					
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	12/04/2022				8 / 16	
This do	cument is exclus	ive property of WEG S/A. Rep	printing is not all	owed without written	authorization of WE	G S/A.



Three Phase Inde	uction Motor - Squirrel Cage	;	шсі	
Customer	:			
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	12677334	
		Catalog # :	00512ET3ER215TC-S	

Heating constant	t
Cooling constant	t

Performance

Rated current

Rated torque

Rated speed

Locked rotor torque

Breakdown torque

LRC

cooling constant	t				
Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	12/04/2022			10 / 16	

: 190/380 V 50 Hz 6P

: 16.3/8.13 A

: 27.4 ft.lb

: 160 %

: 190 %

: 960 rpm

: 4.6

This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice

Moment of inertia (J)

Duty cycle Insulation class

Design

Service factor

Temperature rise

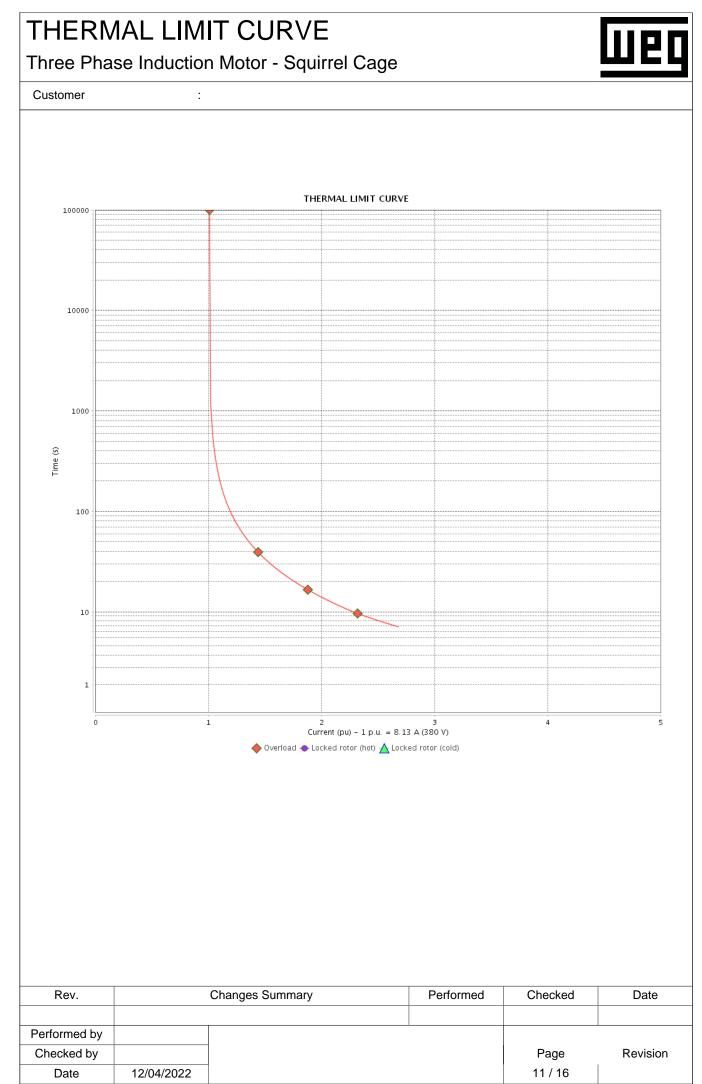
: 1.26 sq.ft.lb : Cont.(S1)

: F

: B

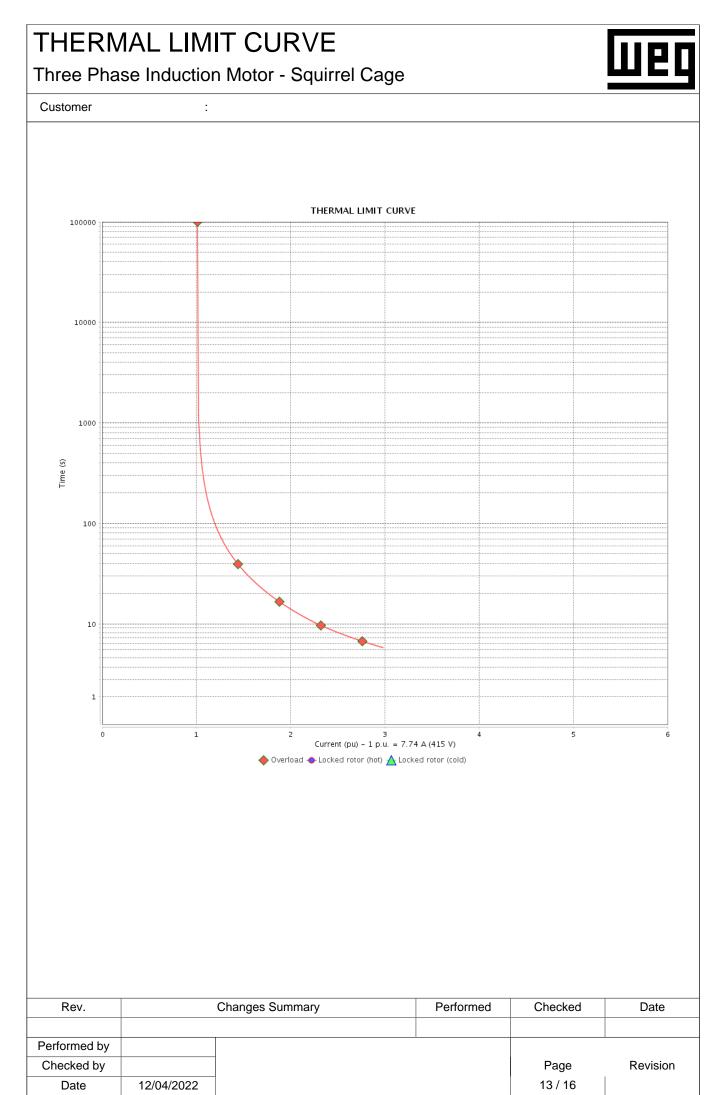
: 1.00

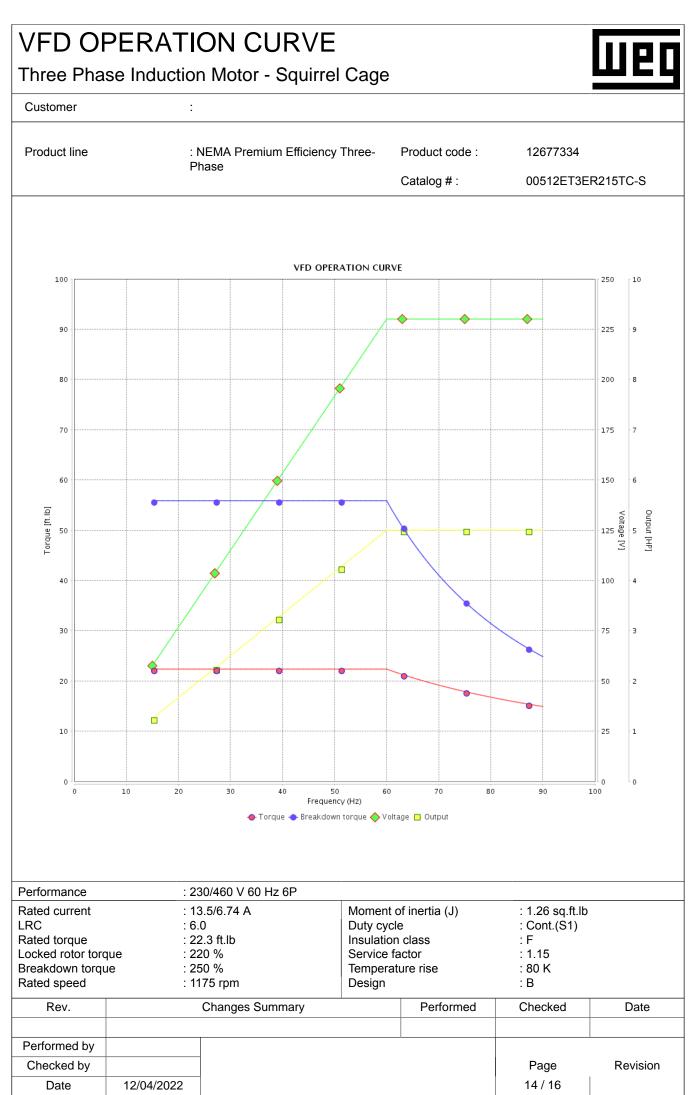
: 105 K

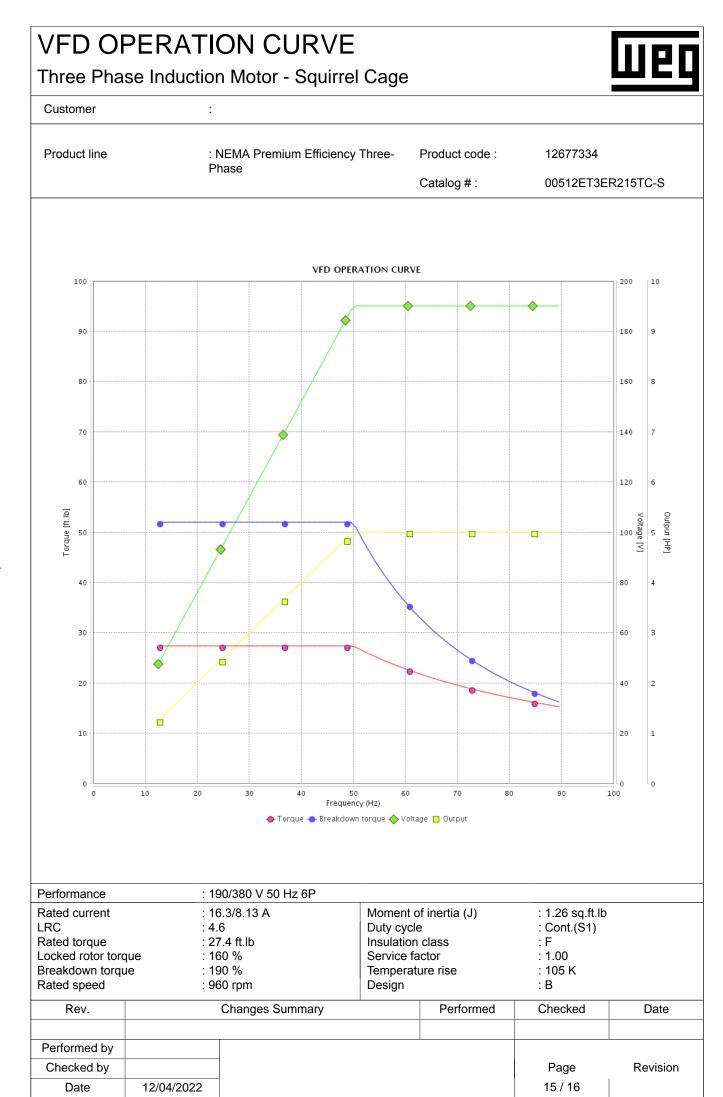


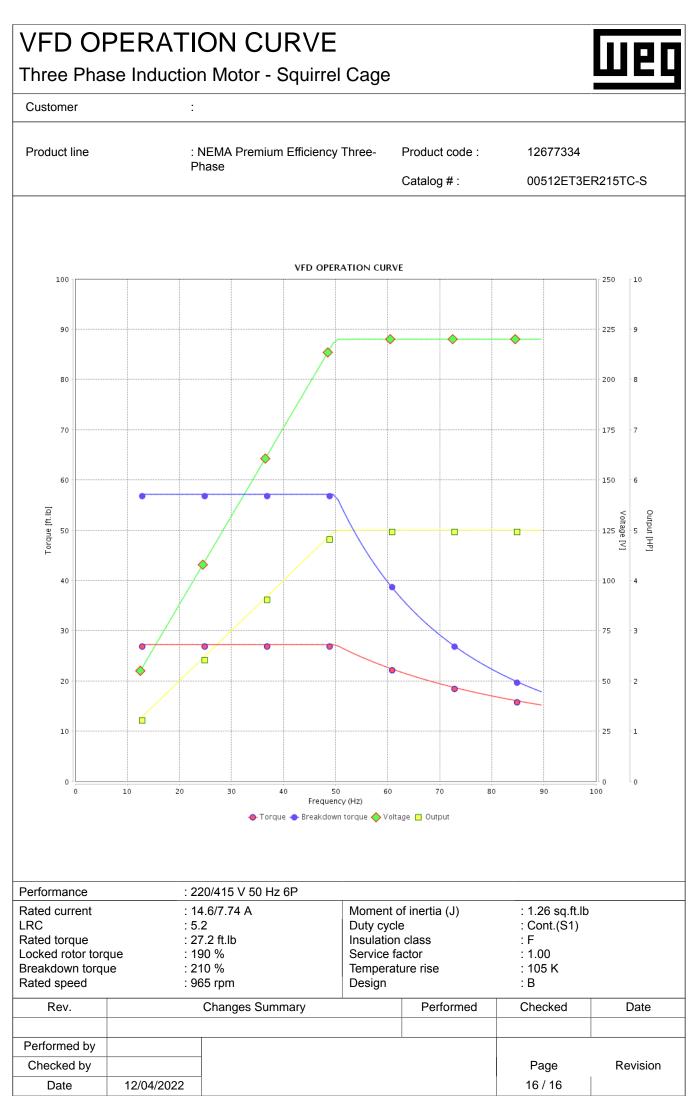
THERMAL	LIMIT CURVE		Шер
Three Phase Ind	uction Motor - Squirrel Cage	9	
Customer	:		
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	12677334
	Thuse	Catalog # :	00512ET3ER215TC-S

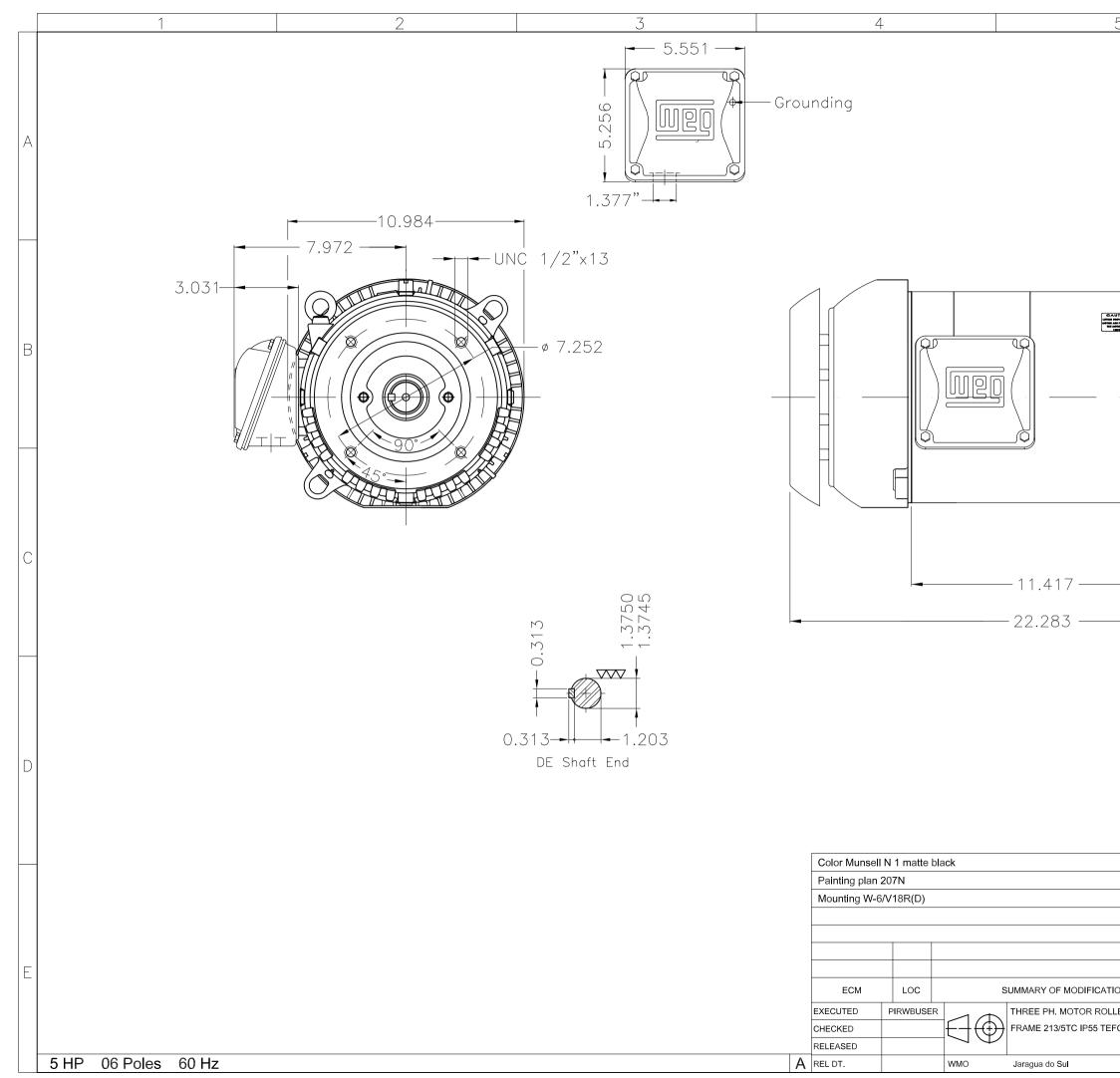
Performance	: 22	220/415 V 50 Hz 6P				
Rated current LRC Rated torque Locked rotor toro Breakdown torqu Rated speed	: 5 : 2 que : 1 ue : 2	4.6/7.74 A .2 7.2 ft.lb 90 % 10 % 65 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 1.26 sq.ft.lb : Cont.(S1) : F : 1.00 : 105 K : B	
Heating constant						
Cooling constant	t					
Rev.	Rev. Changes Summary			Performed	Checked	Date
Performed by				<u>.</u>		
Checked by					Page	Revision
Date	12/04/2022				12 / 16	











WEG's property. Forbidden reproduction without previous authorization.

5			6			
	0.25	- 3.129 - 2.480	\$ 200			Dimensions in inches
IONS LED STEEL PREM. E	EXECUTED			DATE	VER	
FC		PREVI		ШР	q	: A3
Product	t Engineering	SHEET	1 / 1			XME

CON 13PT9 CON ULTED FOR SAFE AREA	For 60Hz: Class I, Zone 2, IIC Class I, DIV2, G.A. AB,CD - T3 Div 2 Inverter Duty (5F1.00) CT 2:1/V1 1000:1	3.7 230/460 230/460 11.5.56.74 11.5.5 11.5 11.5 11.5 11.5 11.5 11.5 1	[2] ⊃ 않초 못 못
	MADE IN MEXICO MAT: 12677334 CC029A W01.TEDICDX0N MODEL 00612FT3ER215TC-S 26NOY2021 SNI:	FR 213/51C 400<	Total and another for the fold line on VPM 1000 DE 2208-22 DOE 0206-22 MOBIL POLYREX EM DE 2208-22 DOE 0206-22 MOBIL POLYREX EM DE 208-22 DOE 0206-22 MOBIL POLYREX EM DE 208-22 DOE 0206-22 MOBIL POLYREX EM DE 208-22 DOE 0206-22 MOBIL POLYREX EM DE 208-27 DOE 0206-22 MOBIL POLYREX EM DE 209-27 DOE 0206-27 MOBIL POLYREX EM DE 209-27 DOE 0206-27 MOBIL POLYREX EM DE 209-27 DOE 0206-27 DOE 0206-27 MERTING RATE DOE 071 D12 DE 200-27 D11 D2 MERTING RATE D2 D1 MARTING MORT IMMENT RATE OF RATE D2 MARTING RATE D2 D1 MARTING RATE D2 D3 MARTING RATE D3 MARTING RATE <