

# DATA SHEET



## Three Phase Induction Motor - Squirrel Cage

Customer							
Product line	: NEMA Premium Efficiency Three-Phase			Product code :	12197395		
				Catalog # :	07536ET3E365TSC-W22		
Frame	: 364/5TSC			Cooling method	: IC411 - TEFC		
Insulation class	: F			Mounting	: F-1		
Duty cycle	: Cont.(S1)			Rotation <sup>1</sup>	: Both (CW and CCW)		
Ambient temperature	: -20°C to +40°C			Starting method	: Direct On Line		
Altitude	: 1000 m.a.s.l.			Approx. weight <sup>2</sup>	: 883 lb		
Protection degree	: IP55			Moment of inertia (J)	: 11.9 sq.ft.lb		
Design	: B						
Output [HP]	75	60	60	60	75	75	75
Poles	2	2	2	2	2	2	2
Frequency [Hz]	60	50	50	50	50	50	50
Rated voltage [V]	230/460	380	400	415	380	400	415
Rated current [A]	164/81.9	80.8	78.5	75.7	100	94.8	91.4
L. R. Amperes [A]	1097/549	525	557	598	520	559	594
LRC [A]	6.7x(Code G)	6.5x(Code G)	7.1x(Code H)	7.9x(Code J)	5.2x(Code E)	5.9x(Code F)	6.5x(Code G)
No load current [A]	40.0/20.0	19.0	20.0	21.5	19.0	20.0	21.5
Rated speed [RPM]	3555	2955	2960	2965	2930	2945	2950
Slip [%]	1.25	1.50	1.33	1.17	2.33	1.83	1.67
Rated torque [ft.lb]	111	107	106	106	134	134	134
Locked rotor torque [%]	200	210	229	250	160	175	190
Breakdown torque [%]	250	260	390	310	200	220	240
Service factor	1.25	1.00	1.00	1.00	1.00	1.00	1.00
Temperature rise	80 K	80 K	80 K	80 K	105 K	105 K	105 K
Locked rotor time	18s (cold) 10s (hot)	39s (cold) 22s (hot)	39s (cold) 22s (hot)	37s (cold) 21s (hot)	12s (cold) 7s (hot)	12s (cold) 7s (hot)	12s (cold) 7s (hot)
Noise level <sup>2</sup>	79.0 dB(A)	74.0 dB(A)	74.0 dB(A)	74.0 dB(A)	74.0 dB(A)	74.0 dB(A)	74.0 dB(A)
Efficiency (%)	25%						
	50%	92.4	91.2	91.5	91.8	92.4	93.0
	75%	93.6	92.5	93.0	93.1	93.0	93.6
	100%	93.6	94.0	94.0	94.0	92.4	93.0
Power Factor	25%						
	50%	0.83	0.75	0.72	0.70	0.86	0.83
	75%	0.88	0.85	0.83	0.82	0.89	0.88
	100%	0.90	0.90	0.88	0.88	0.90	0.90
Bearing type	: 6314 C3	Drive end	: 6314 C3	Non drive end	Foundation loads		
Sealing	: WSeal		: WSeal		Max. traction	: 655 lb	
Lubrication interval	: 4000 h		: 4000 h		Max. compression	: 1538 lb	
Lubricant amount	: 27 g		: 27 g				
Lubricant type	: Mobil Polyrex EM						
Notes							
USABLE @208V 181A SF 1.10 SFA 199A							
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 NEMA MG-1.			
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# TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



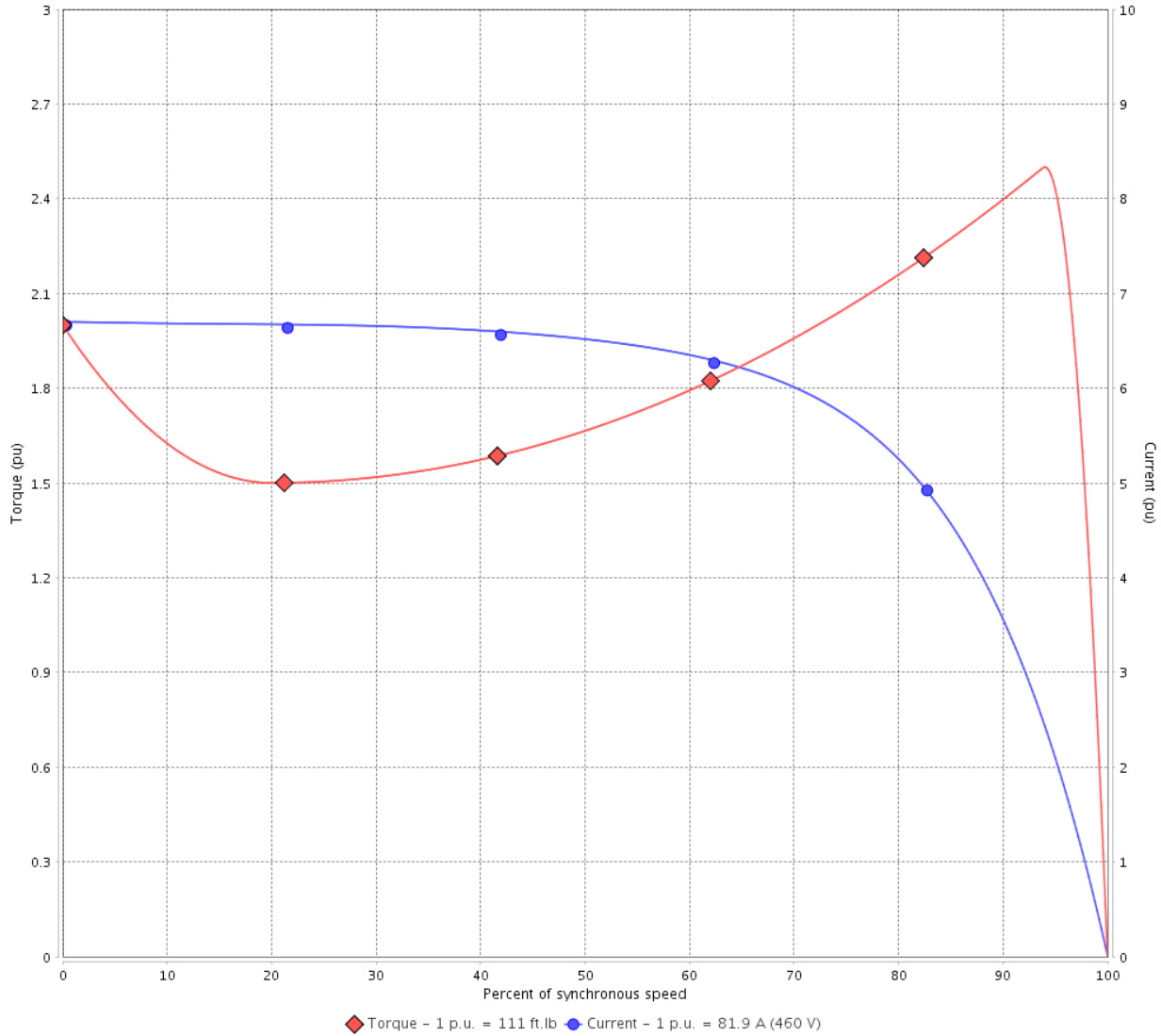
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12197395

Catalog # : 07536ET3E365TSC-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 230/460 V 60 Hz 2P

Rated current	: 164/81.9 A	Moment of inertia (J)	: 11.9 sq.ft.lb
LRC	: 6.7	Duty cycle	: Cont.(S1)
Rated torque	: 111 ft.lb	Insulation class	: F
Locked rotor torque	: 200 %	Service factor	: 1.25
Breakdown torque	: 250 %	Temperature rise	: 80 K
Rated speed	: 3555 rpm	Design	: B

Locked rotor time : 18s (cold) 10s (hot)

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# TORQUE AND CURRENT VS SPEED CURVE



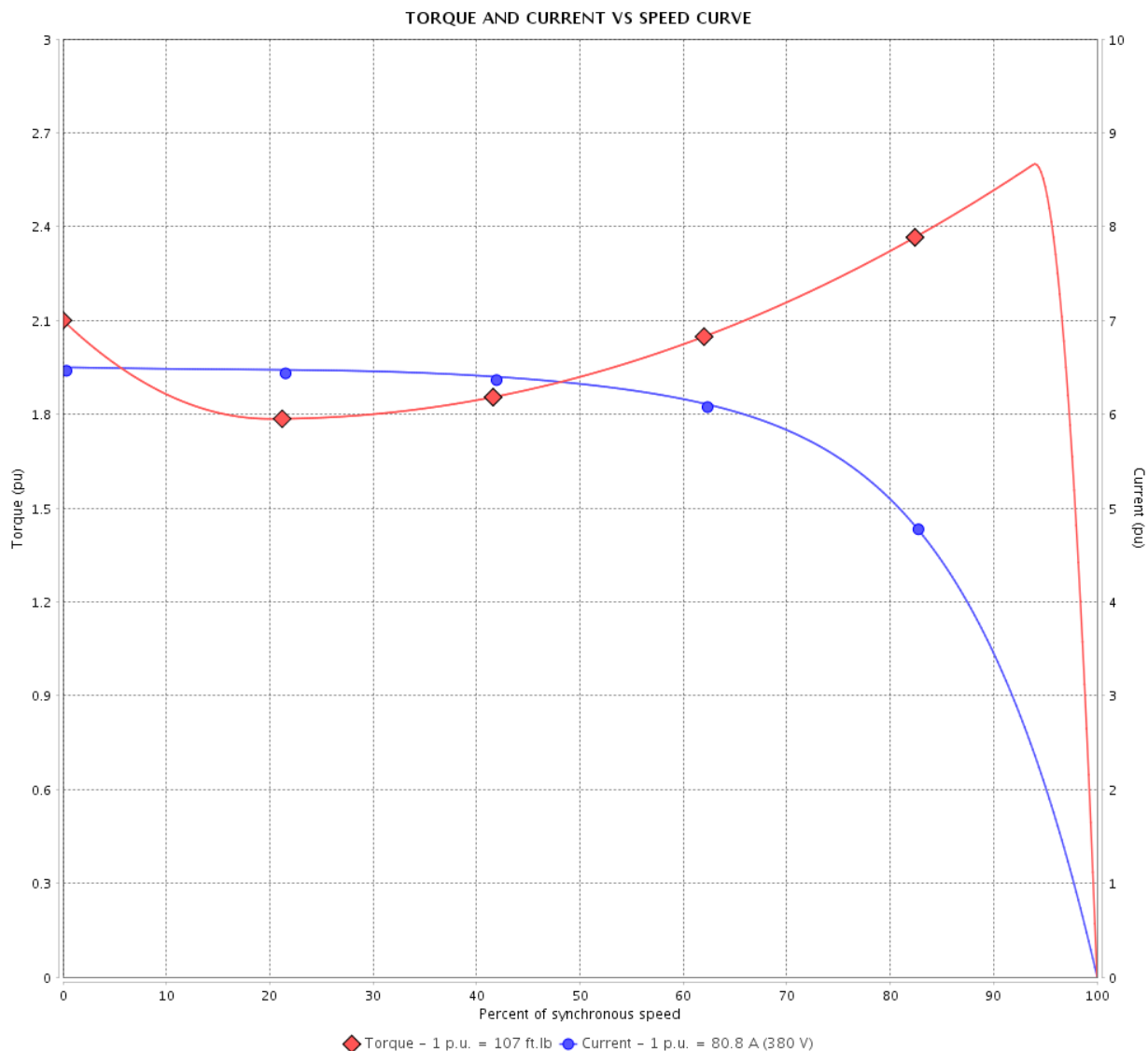
## Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12197395

Catalog # : 07536ET3E365TSC-W22



Performance : 380 V 50 Hz 2P IE3

Rated current	: 80.8 A	Moment of inertia (J)	: 11.9 sq.ft.lb
LRC	: 6.5	Duty cycle	: Cont.(S1)
Rated torque	: 107 ft.lb	Insulation class	: F
Locked rotor torque	: 210 %	Service factor	: 1.00
Breakdown torque	: 260 %	Temperature rise	: 80 K
Rated speed	: 2955 rpm	Design	: B

Locked rotor time : 39s (cold) 22s (hot)

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# TORQUE AND CURRENT VS SPEED CURVE

## Three Phase Induction Motor - Squirrel Cage



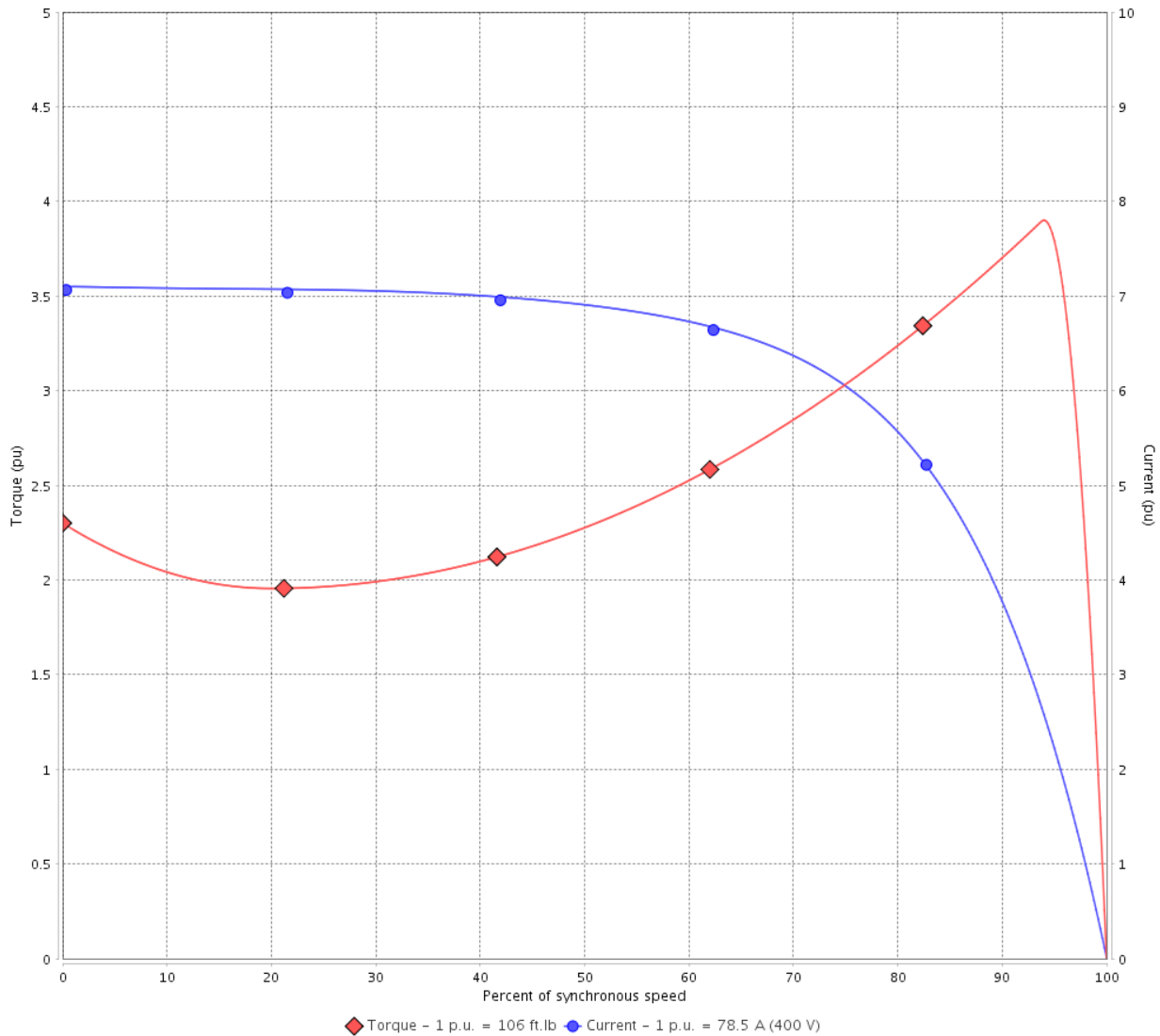
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12197395

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TORQUE AND CURRENT VS SPEED CURVE



Performance : 400 V 50 Hz 2P IE3

Rated current	: 78.5 A	Moment of inertia (J)	: 11.9 sq.ft.lb
LRC	: 7.1	Duty cycle	: Cont.(S1)
Rated torque	: 106 ft.lb	Insulation class	: F
Locked rotor torque	: 229 %	Service factor	: 1.00
Breakdown torque	: 390 %	Temperature rise	: 80 K
Rated speed	: 2960 rpm	Design	: B

Locked rotor time : 39s (cold) 22s (hot)

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# TORQUE AND CURRENT VS SPEED CURVE



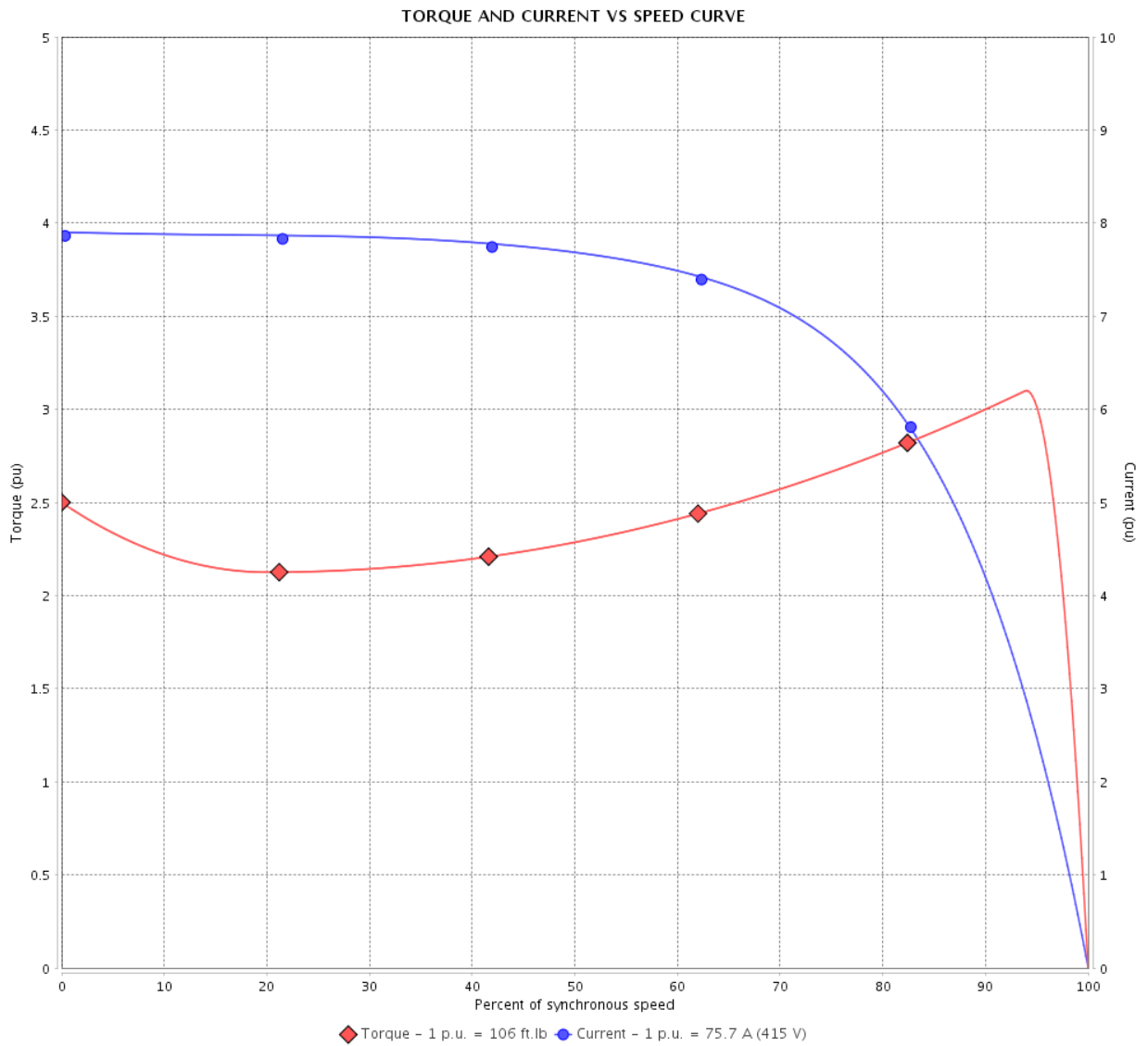
## Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12197395

Catalog # : 07536ET3E365TSC-W22



Performance : 415 V 50 Hz 2P IE3

Rated current	: 75.7 A	Moment of inertia (J)	: 11.9 sq.ft.lb
LRC	: 7.9	Duty cycle	: Cont.(S1)
Rated torque	: 106 ft.lb	Insulation class	: F
Locked rotor torque	: 250 %	Service factor	: 1.00
Breakdown torque	: 310 %	Temperature rise	: 80 K
Rated speed	: 2965 rpm	Design	: B

Locked rotor time : 37s (cold) 21s (hot)

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# TORQUE AND CURRENT VS SPEED CURVE

## Three Phase Induction Motor - Squirrel Cage



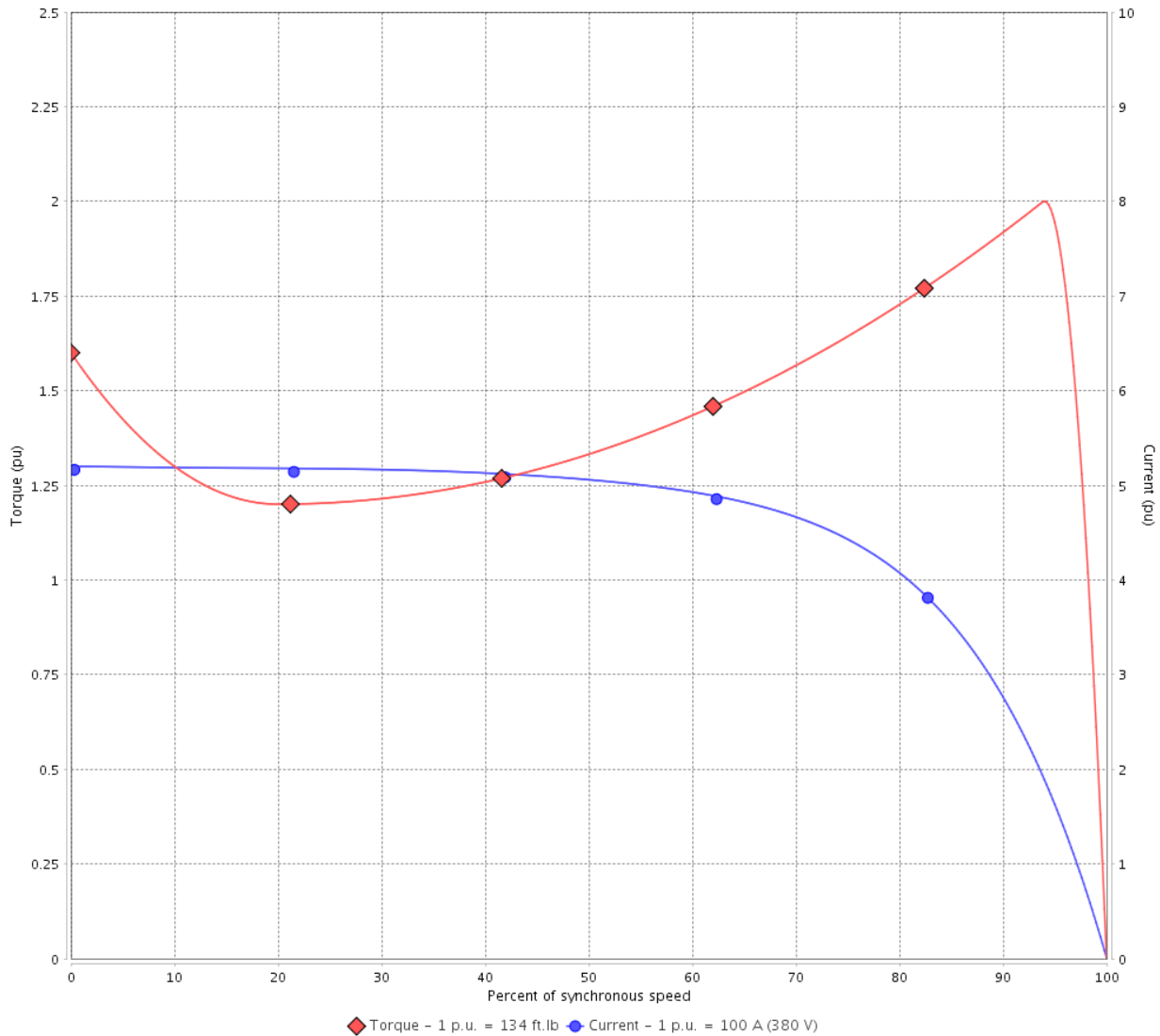
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Product line : NEMA Premium Efficiency Three-Phase

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Catalog # : 07536ET3E365TSC-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 380 V 50 Hz 2P IE1

Rated current	: 100 A	Moment of inertia (J)	: 11.9 sq.ft.lb
LRC	: 5.2	Duty cycle	: Cont.(S1)
Rated torque	: 134 ft.lb	Insulation class	: F
Locked rotor torque	: 160 %	Service factor	: 1.00
Breakdown torque	: 200 %	Temperature rise	: 105 K
Rated speed	: 2930 rpm	Design	: B

Locked rotor time : 12s (cold) 7s (hot)

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# TORQUE AND CURRENT VS SPEED CURVE



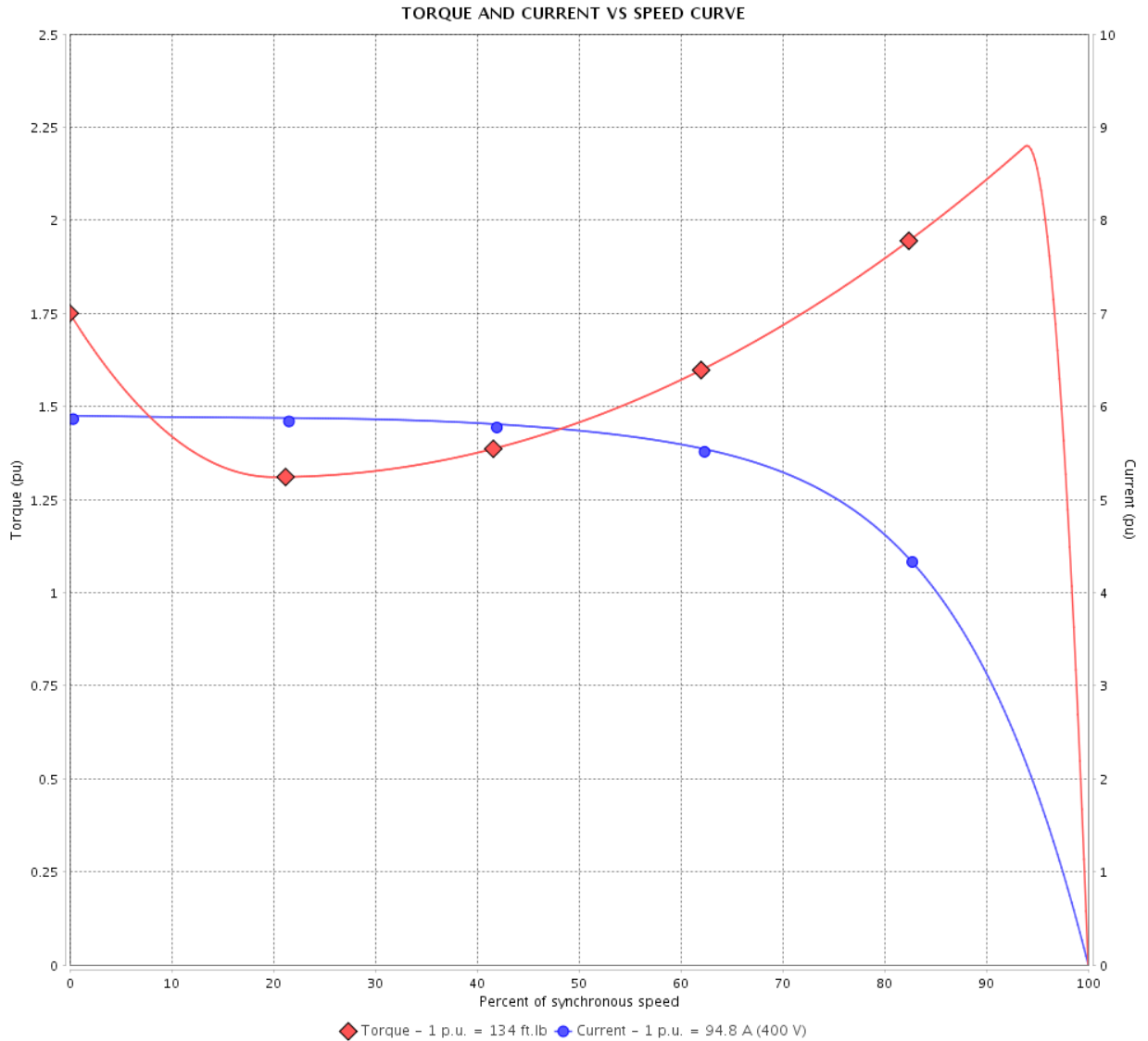
## Three Phase Induction Motor - Squirrel Cage

Customer :

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Product code : 12197395

Catalog # : 07536ET3E365TSC-W22



Performance : 400 V 50 Hz 2P IE1

Rated current	: 94.8 A	Moment of inertia (J)	: 11.9 sq.ft.lb
LRC	: 5.9	Duty cycle	: Cont.(S1)
Rated torque	: 134 ft.lb	Insulation class	: F
Locked rotor torque	: 175 %	Service factor	: 1.00
Breakdown torque	: 220 %	Temperature rise	: 105 K
Rated speed	: 2945 rpm	Design	: B

Locked rotor time : 12s (cold) 7s (hot)

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# TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



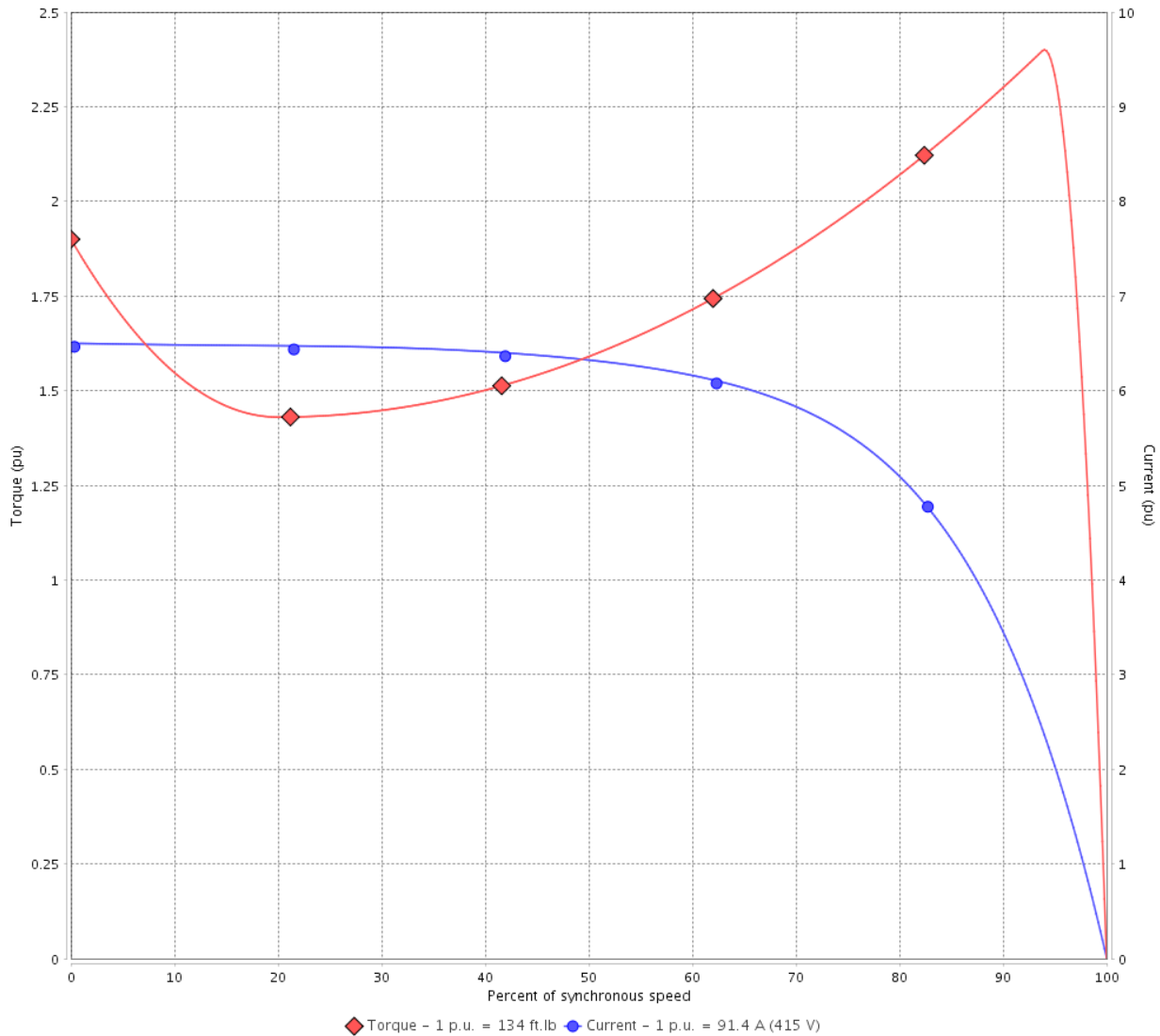
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TORQUE AND CURRENT VS SPEED CURVE



Performance : 415 V 50 Hz 2P IE1

Rated current	: 91.4 A	Moment of inertia (J)	: 11.9 sq.ft.lb
LRC	: 6.5	Duty cycle	: Cont.(S1)
Rated torque	: 134 ft.lb	Insulation class	: F
Locked rotor torque	: 190 %	Service factor	: 1.00
Breakdown torque	: 240 %	Temperature rise	: 105 K
Rated speed	: 2950 rpm	Design	: B

Locked rotor time : 12s (cold) 7s (hot)

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# LOAD PERFORMANCE CURVE

## Three Phase Induction Motor - Squirrel Cage

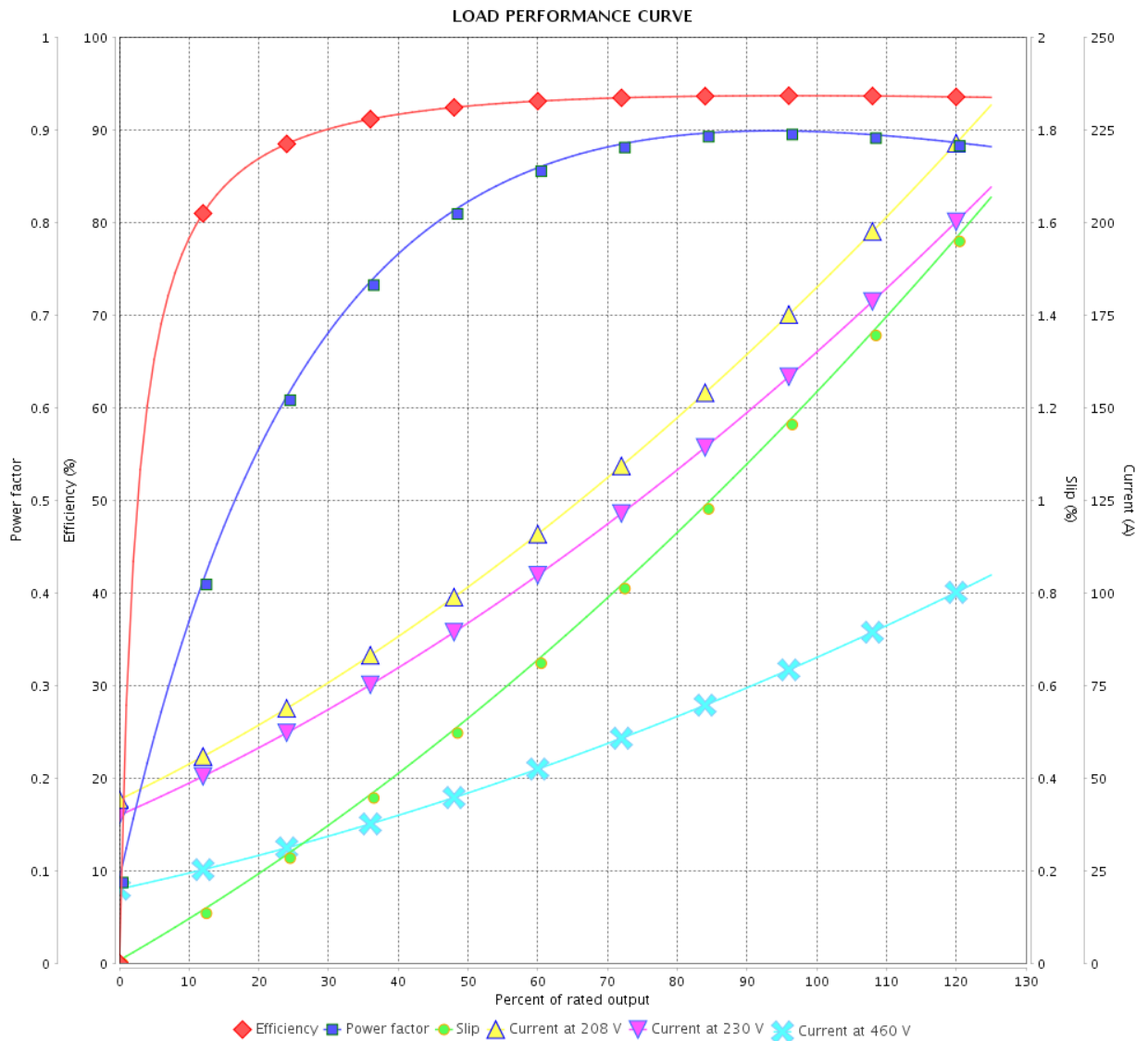


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Product code : 12197395

Catalog # : 07536ET3E365TSC-W22



Performance : 230/460 V 60 Hz 2P

Rated current : 164/81.9 A  
 LRC : 6.7  
 Rated torque : 111 ft.lb  
 Locked rotor torque : 200 %  
 Breakdown torque : 250 %  
 Rated speed : 3555 rpm

Moment of inertia (J) : 11.9 sq.ft.lb  
 Duty cycle : Cont.(S1)  
 Insulation class : F  
 Service factor : 1.25  
 Temperature rise : 80 K  
 Design : B

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Three Phase Induction Motor - Squirrel Cage

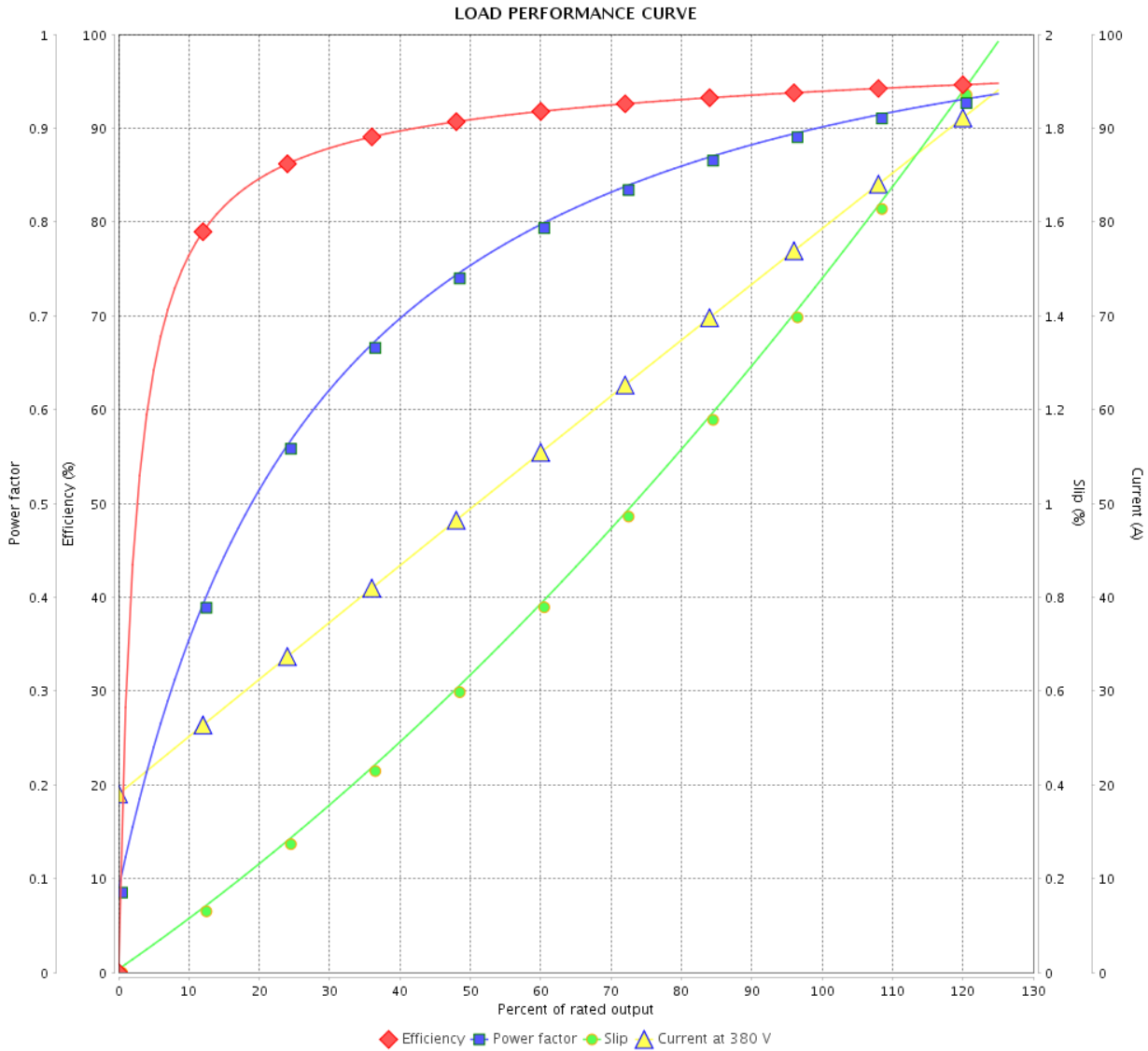


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12197395

Catalog # : 07536ET3E365TSC-W22



Performance : 380 V 50 Hz 2P IE3

Rated current : 80.8 A  
 LRC : 6.5  
 Rated torque : 107 ft.lb  
 Locked rotor torque : 210 %  
 Breakdown torque : 260 %  
 Rated speed : 2955 rpm

Moment of inertia (J) : 11.9 sq.ft.lb  
 Duty cycle : Cont.(S1)  
 Insulation class : F  
 Service factor : 1.00  
 Temperature rise : 80 K  
 Design : B

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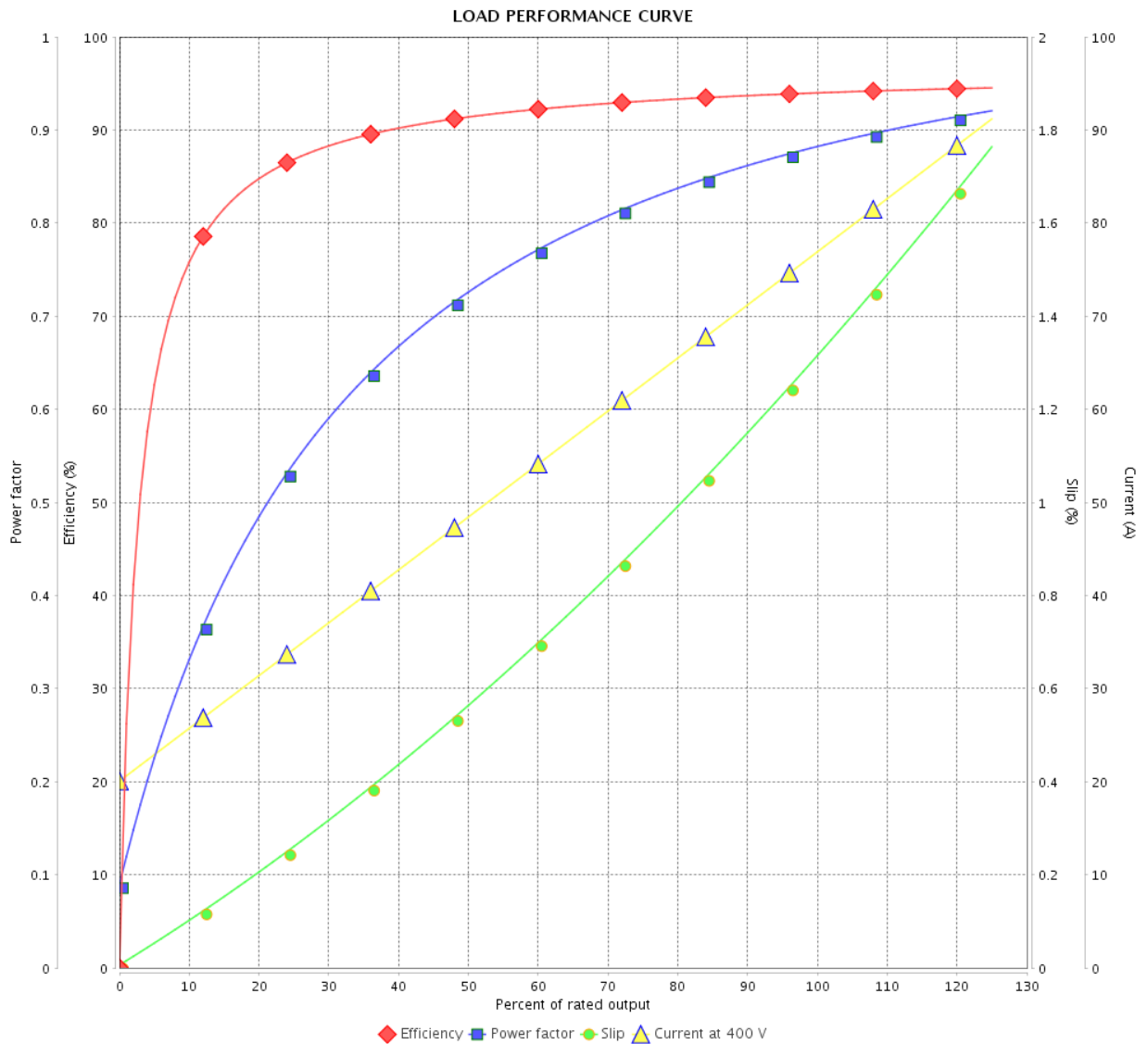


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Performance : 400 V 50 Hz 2P IE3

Rated current : 78.5 A  
 LRC : 7.1  
 Rated torque : 106 ft.lb  
 Locked rotor torque : 229 %  
 Breakdown torque : 390 %  
 Rated speed : 2960 rpm

Moment of inertia (J) : 11.9 sq.ft.lb  
 Duty cycle : Cont.(S1)  
 Insulation class : F  
 Service factor : 1.00  
 Temperature rise : 80 K  
 Design : B

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# LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

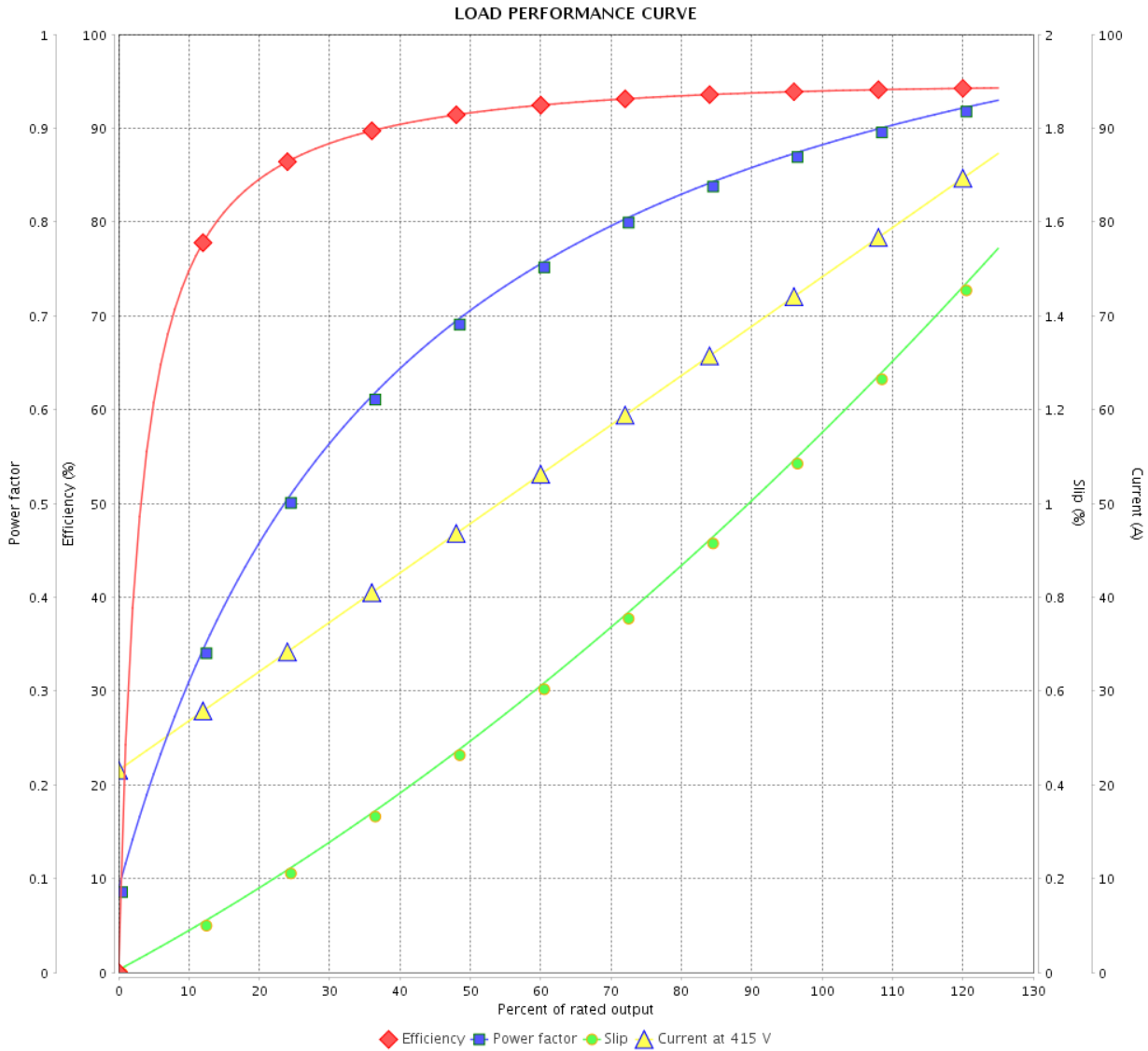


Customer :

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Performance : 415 V 50 Hz 2P IE3

Rated current : 75.7 A  
 LRC : 7.9  
 Rated torque : 106 ft.lb  
 Locked rotor torque : 250 %  
 Breakdown torque : 310 %  
 Rated speed : 2965 rpm

Moment of inertia (J) : 11.9 sq.ft.lb  
 Duty cycle : Cont.(S1)  
 Insulation class : F  
 Service factor : 1.00  
 Temperature rise : 80 K  
 Design : B

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## Three Phase Induction Motor - Squirrel Cage

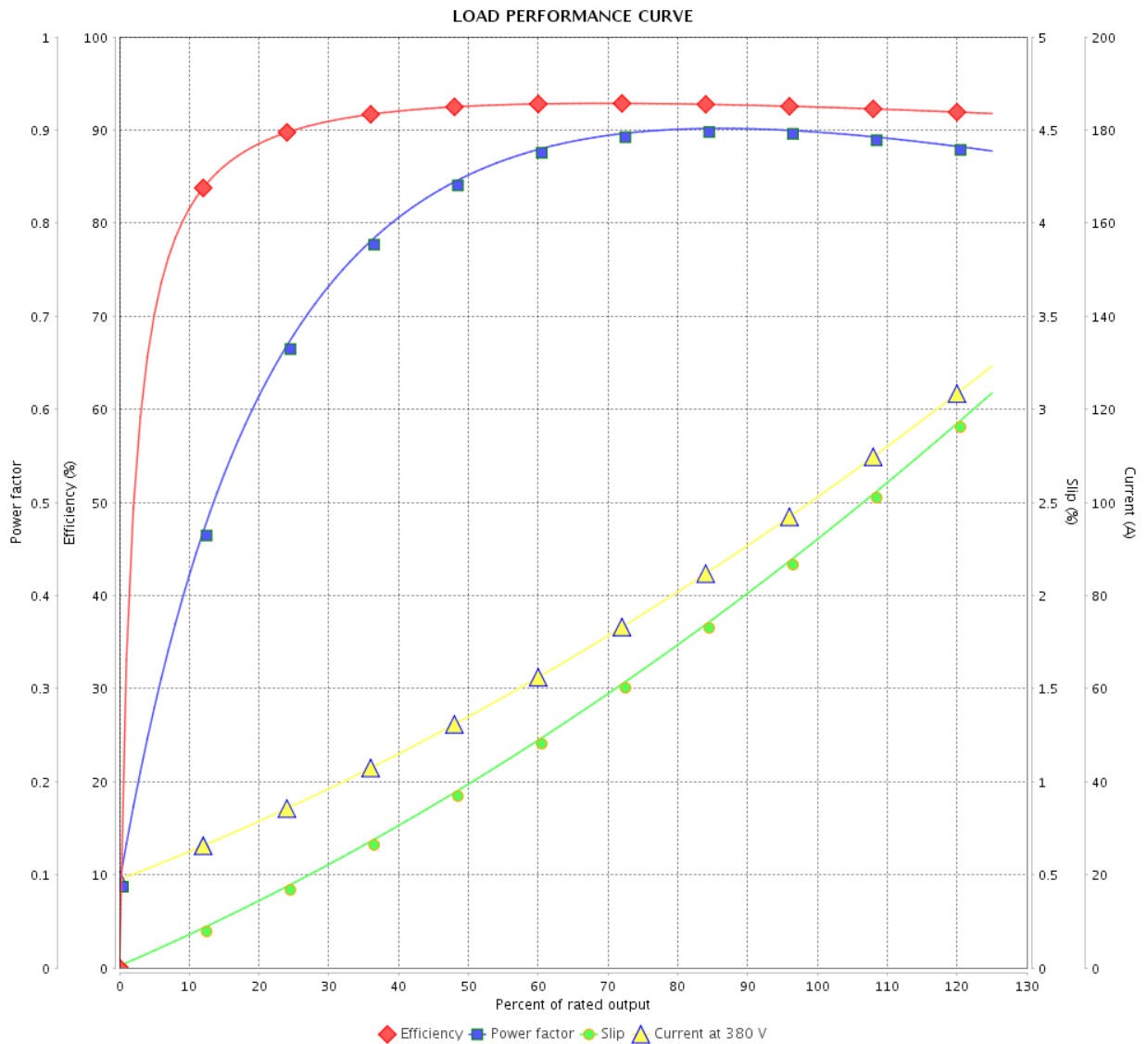


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12197395

Catalog # : 07536ET3E365TSC-W22



Performance : 380 V 50 Hz 2P IE1

Rated current : 100 A  
 LRC : 5.2  
 Rated torque : 134 ft.lb  
 Locked rotor torque : 160 %  
 Breakdown torque : 200 %  
 Rated speed : 2930 rpm

Moment of inertia (J) : 11.9 sq.ft.lb  
 Duty cycle : Cont.(S1)  
 Insulation class : F  
 Service factor : 1.00  
 Temperature rise : 105 K  
 Design : B

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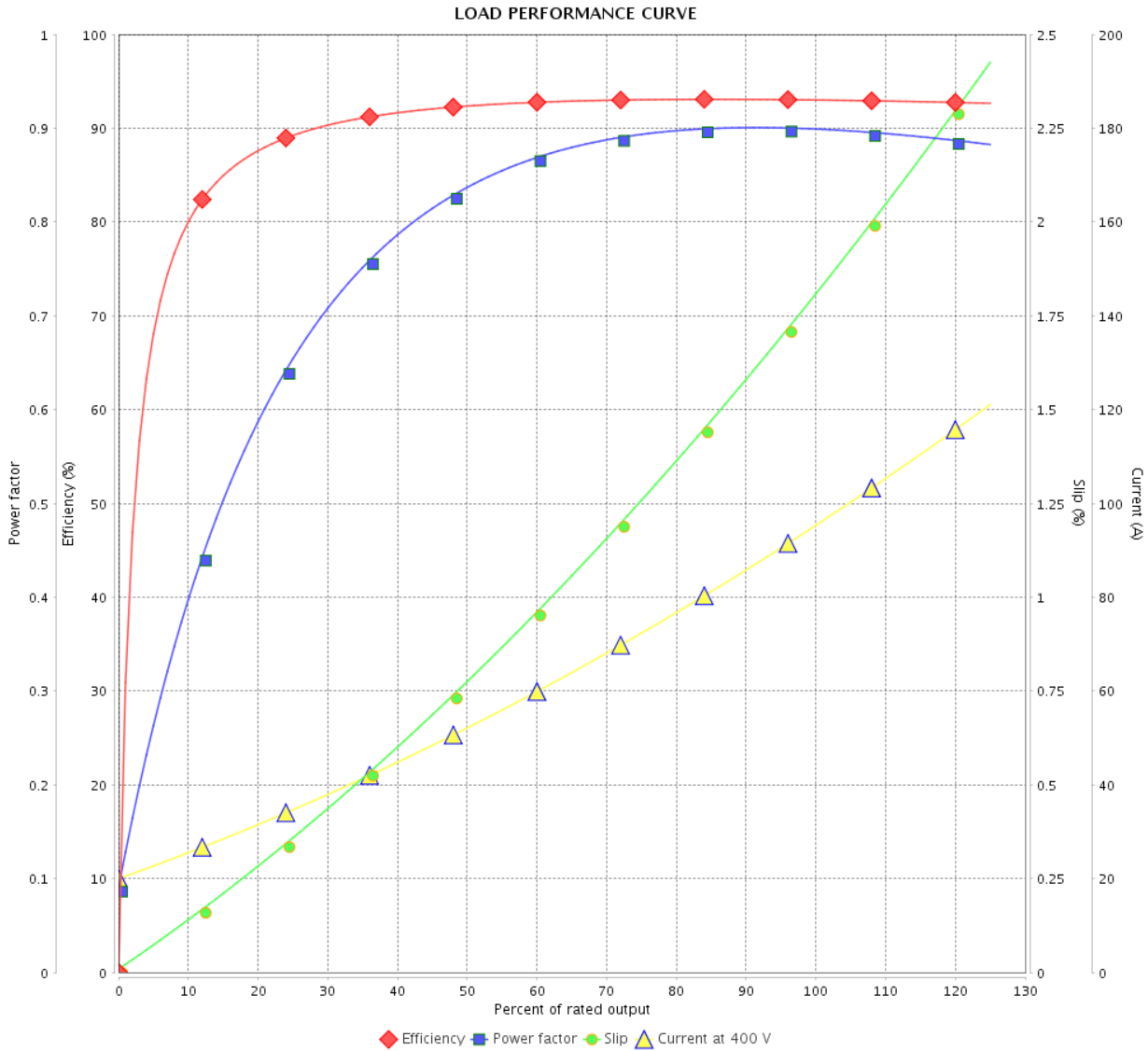


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Product code : 12197395

Catalog # : 07536ET3E365TSC-W22



Performance : 400 V 50 Hz 2P IE1

Rated current : 94.8 A  
 LRC : 5.9  
 Rated torque : 134 ft.lb  
 Locked rotor torque : 175 %  
 Breakdown torque : 220 %  
 Rated speed : 2945 rpm

Moment of inertia (J) : 11.9 sq.ft.lb  
 Duty cycle : Cont.(S1)  
 Insulation class : F  
 Service factor : 1.00  
 Temperature rise : 105 K  
 Design : B

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# LOAD PERFORMANCE CURVE

## Three Phase Induction Motor - Squirrel Cage

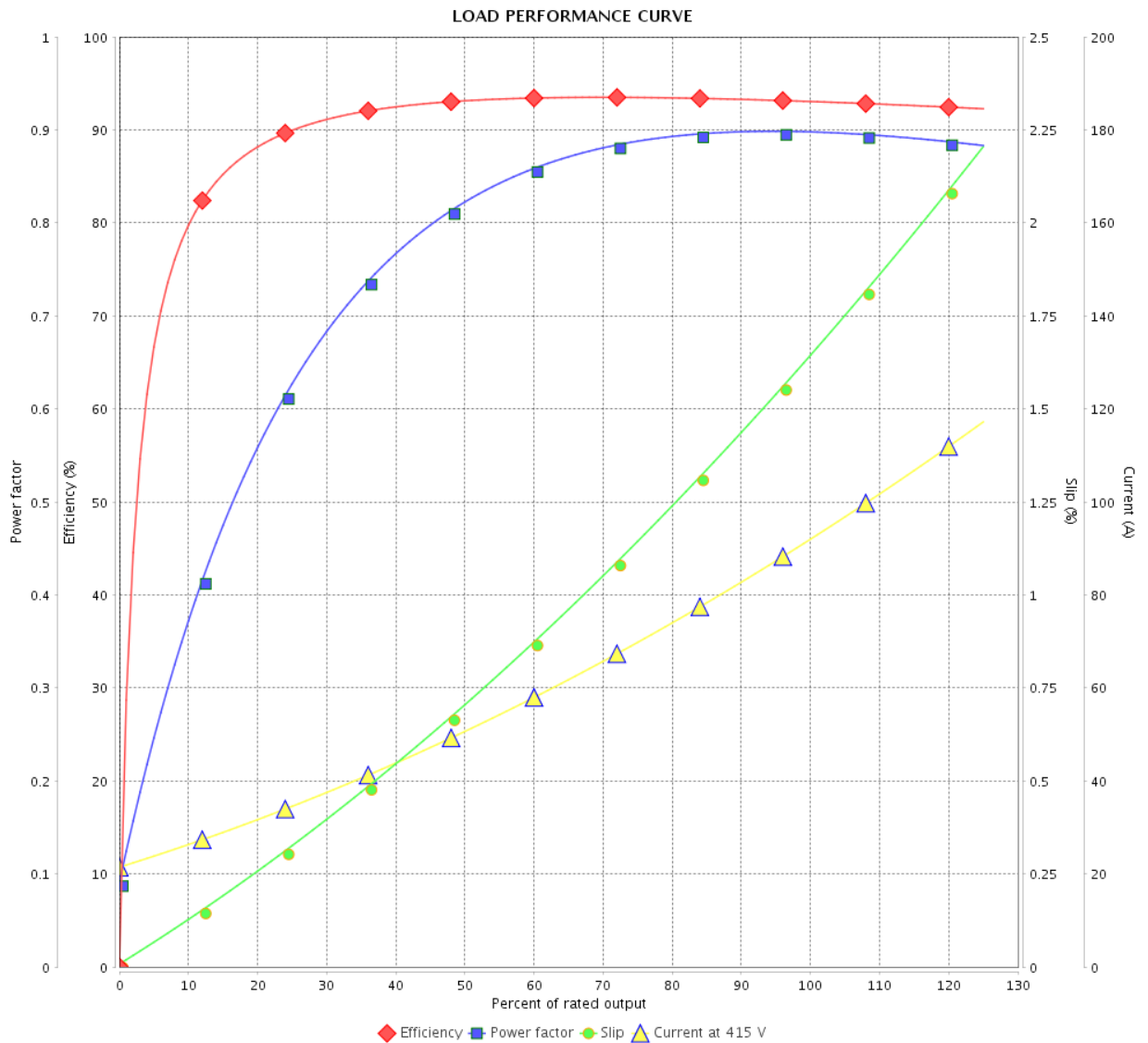


Customer : \_\_\_\_\_

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12197395

Catalog # : 07536ET3E365TSC-W22



Performance : 415 V 50 Hz 2P IE1

Rated current : 91.4 A  
 LRC : 6.5  
 Rated torque : 134 ft.lb  
 Locked rotor torque : 190 %  
 Breakdown torque : 240 %  
 Rated speed : 2950 rpm

Moment of inertia (J) : 11.9 sq.ft.lb  
 Duty cycle : Cont.(S1)  
 Insulation class : F  
 Service factor : 1.00  
 Temperature rise : 105 K  
 Design : B

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# THERMAL LIMIT CURVE



## Three Phase Induction Motor - Squirrel Cage

Customer :

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 Catalog # : 07536ET3E365TSC-W22

Performance : 230/460 V 60 Hz 2P

Rated current : 164/81.9 A	Moment of inertia (J) : 11.9 sq.ft.lb
LRC : 6.7	Duty cycle : Cont.(S1)
Rated torque : 111 ft.lb	Insulation class : F
Locked rotor torque : 200 %	Service factor : 1.25
Breakdown torque : 250 %	Temperature rise : 80 K
Rated speed : 3555 rpm	Design : B

Heating constant

Cooling constant

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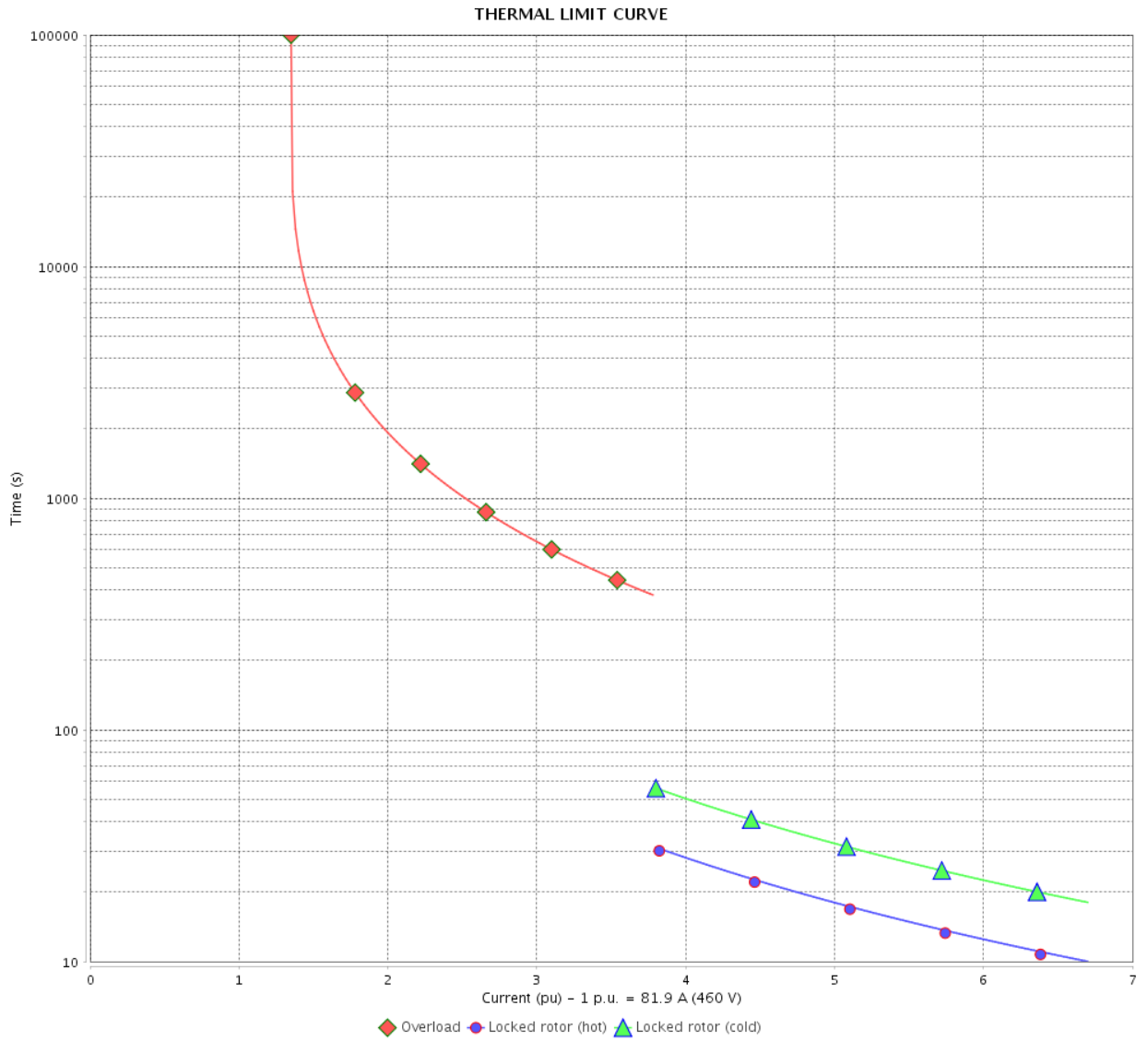


# THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



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# THERMAL LIMIT CURVE

## Three Phase Induction Motor - Squirrel Cage



Customer :

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Performance : 380 V 50 Hz 2P IE3

Rated current	: 80.8 A	Moment of inertia (J)	: 11.9 sq.ft.lb
LRC	: 6.5	Duty cycle	: Cont.(S1)
Rated torque	: 107 ft.lb	Insulation class	: F
Locked rotor torque	: 210 %	Service factor	: 1.00
Breakdown torque	: 260 %	Temperature rise	: 80 K
Rated speed	: 2955 rpm	Design	: B

Heating constant

Cooling constant

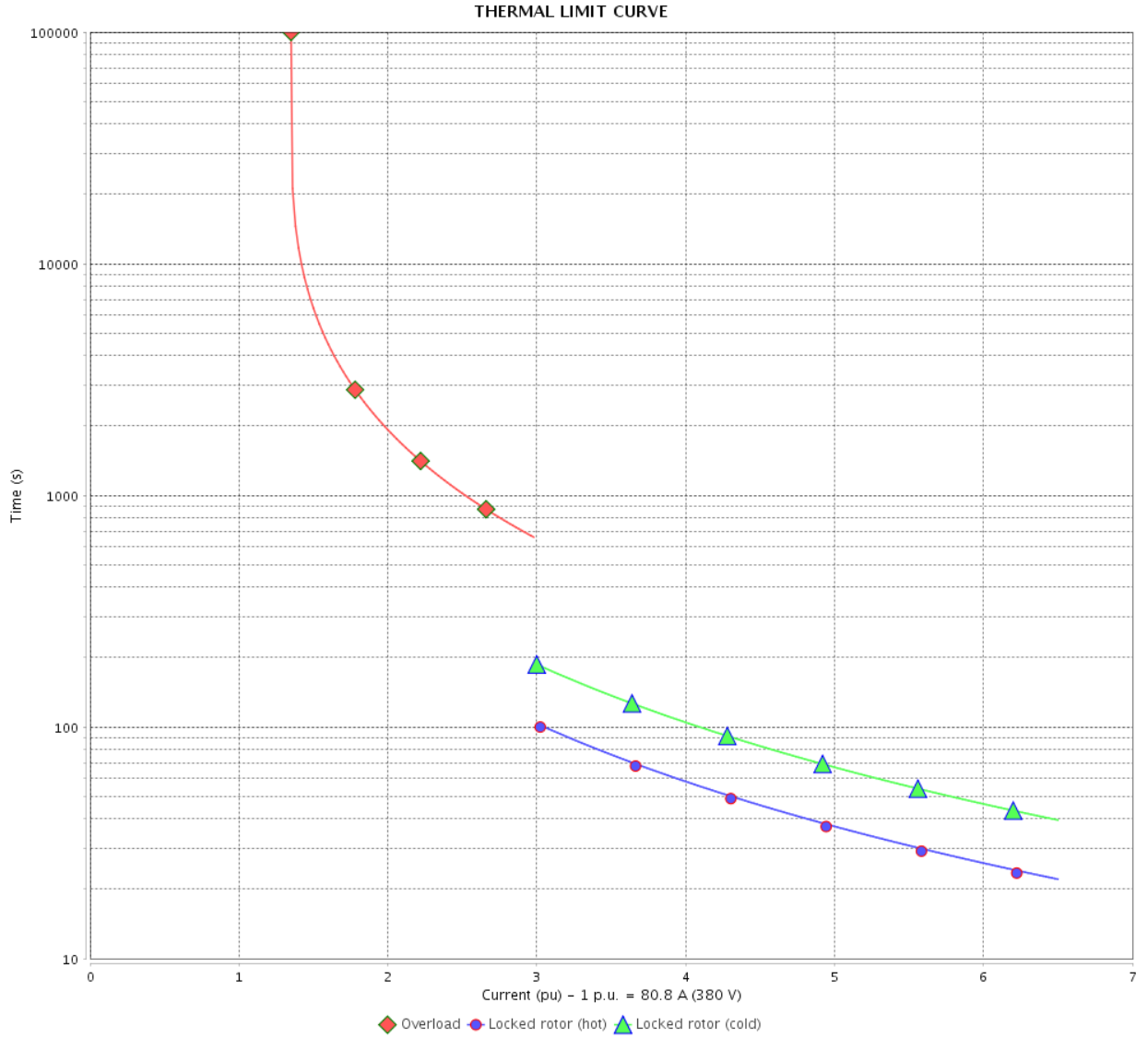
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# THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



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## Three Phase Induction Motor - Squirrel Cage



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Performance : 400 V 50 Hz 2P IE3

Rated current	: 78.5 A	Moment of inertia (J)	: 11.9 sq.ft.lb
LRC	: 7.1	Duty cycle	: Cont.(S1)
Rated torque	: 106 ft.lb	Insulation class	: F
Locked rotor torque	: 229 %	Service factor	: 1.00
Breakdown torque	: 390 %	Temperature rise	: 80 K
Rated speed	: 2960 rpm	Design	: B

Heating constant

Cooling constant

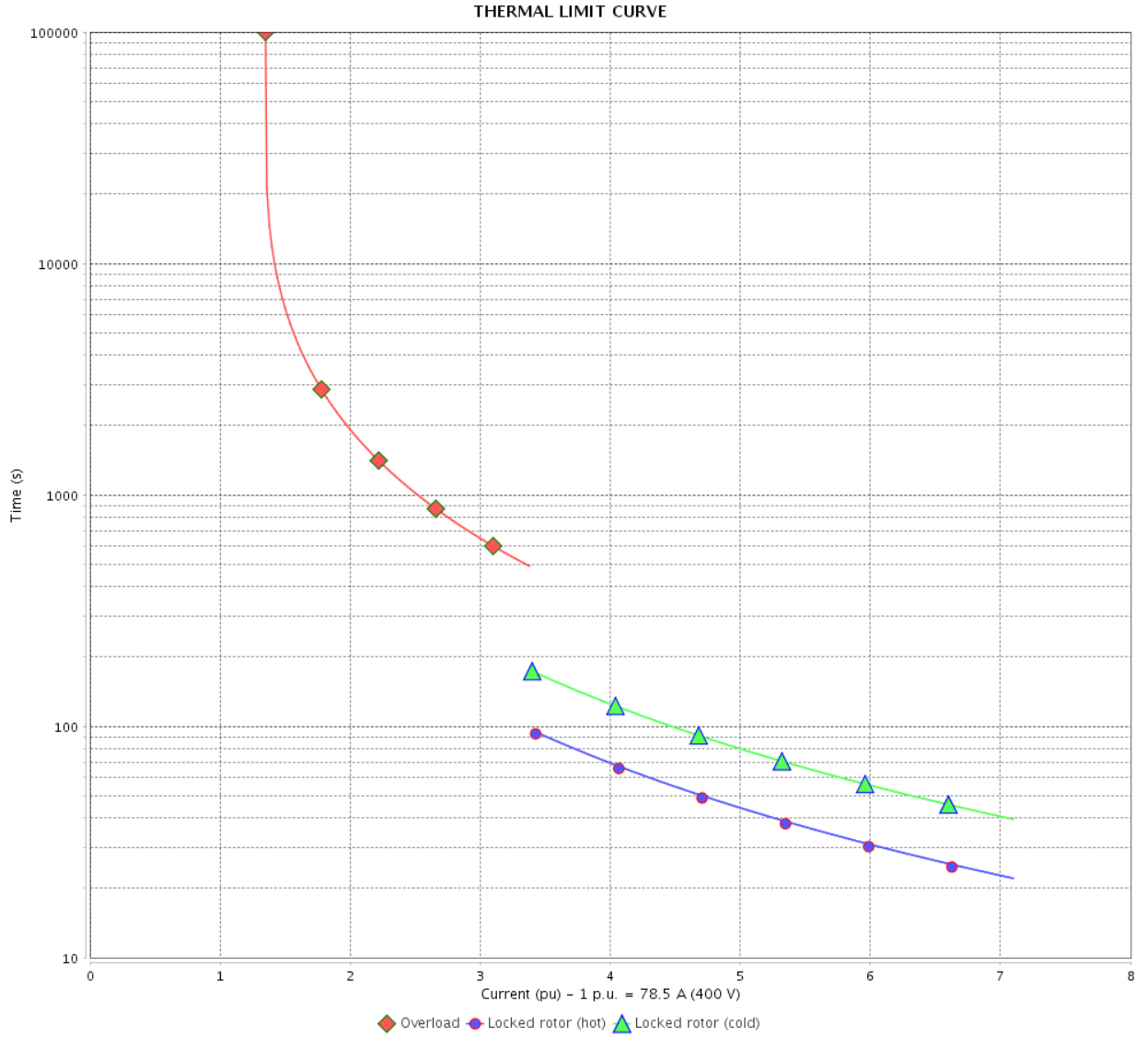
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# THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



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Breakdown torque	: 310 %	Temperature rise	: 80 K
Rated speed	: 2965 rpm	Design	: B

Heating constant

Cooling constant

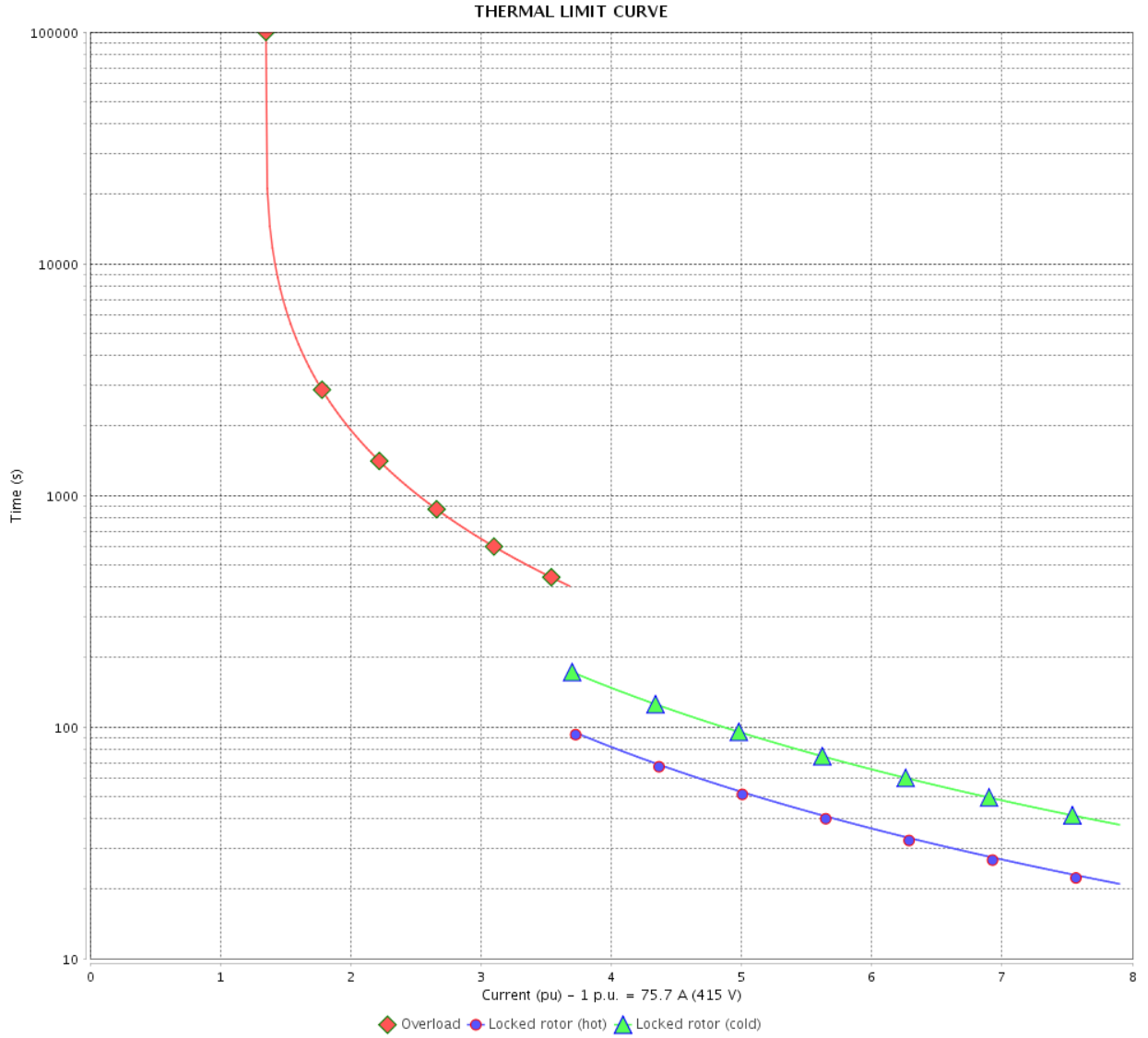
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# THERMAL LIMIT CURVE

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Customer : \_\_\_\_\_



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Customer :

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Product code : 12197395  
Catalog # : 07536ET3E365TSC-W22

Performance : 380 V 50 Hz 2P IE1

Rated current	: 100 A	Moment of inertia (J)	: 11.9 sq.ft.lb
LRC	: 5.2	Duty cycle	: Cont.(S1)
Rated torque	: 134 ft.lb	Insulation class	: F
Locked rotor torque	: 160 %	Service factor	: 1.00
Breakdown torque	: 200 %	Temperature rise	: 105 K
Rated speed	: 2930 rpm	Design	: B

Heating constant

Cooling constant

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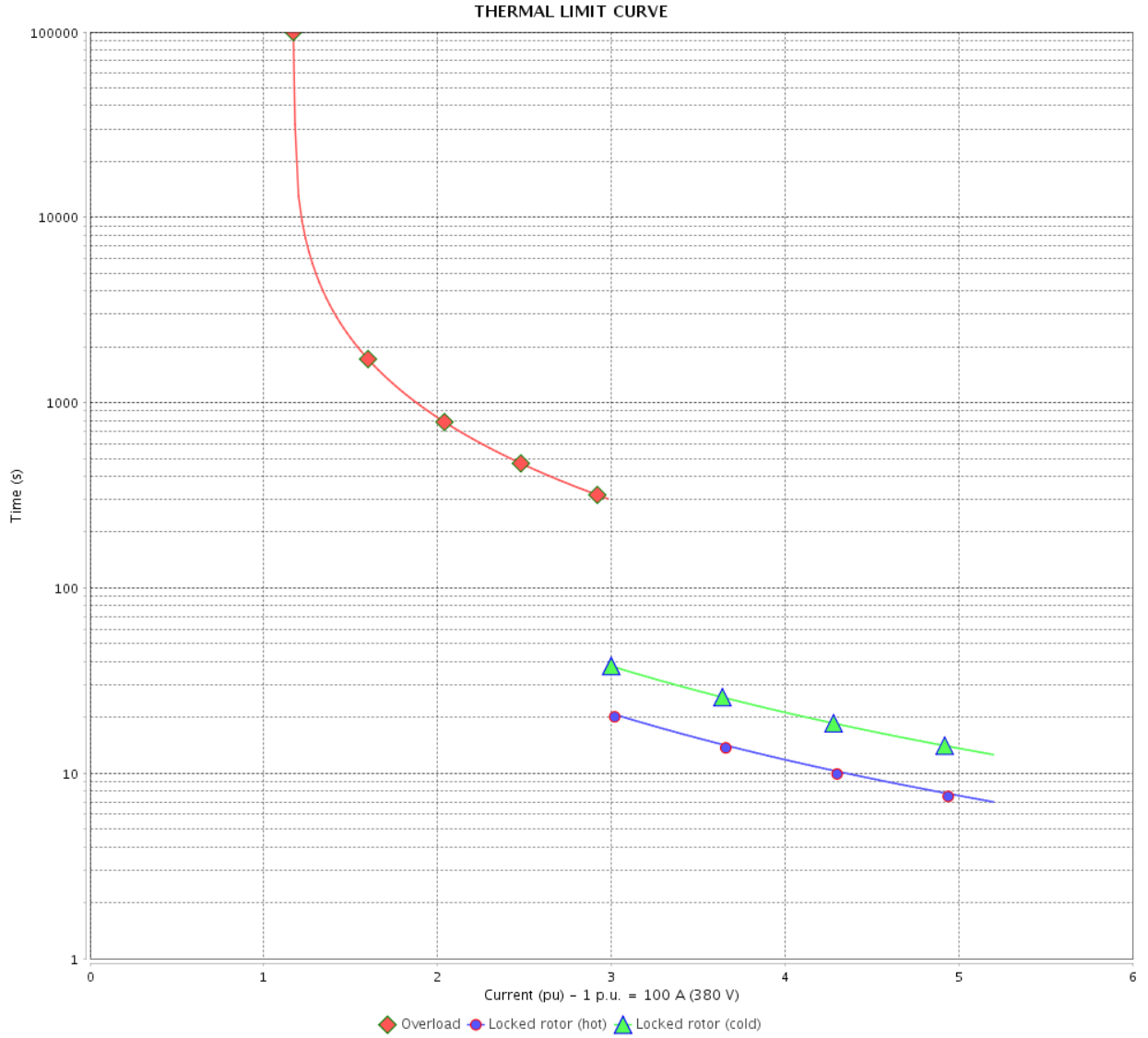


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## Three Phase Induction Motor - Squirrel Cage



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Catalog # : 07536ET3E365TSC-W22

Performance : 400 V 50 Hz 2P IE1

Rated current	: 94.8 A	Moment of inertia (J)	: 11.9 sq.ft.lb
LRC	: 5.9	Duty cycle	: Cont.(S1)
Rated torque	: 134 ft.lb	Insulation class	: F
Locked rotor torque	: 175 %	Service factor	: 1.00
Breakdown torque	: 220 %	Temperature rise	: 105 K
Rated speed	: 2945 rpm	Design	: B

Heating constant

Cooling constant

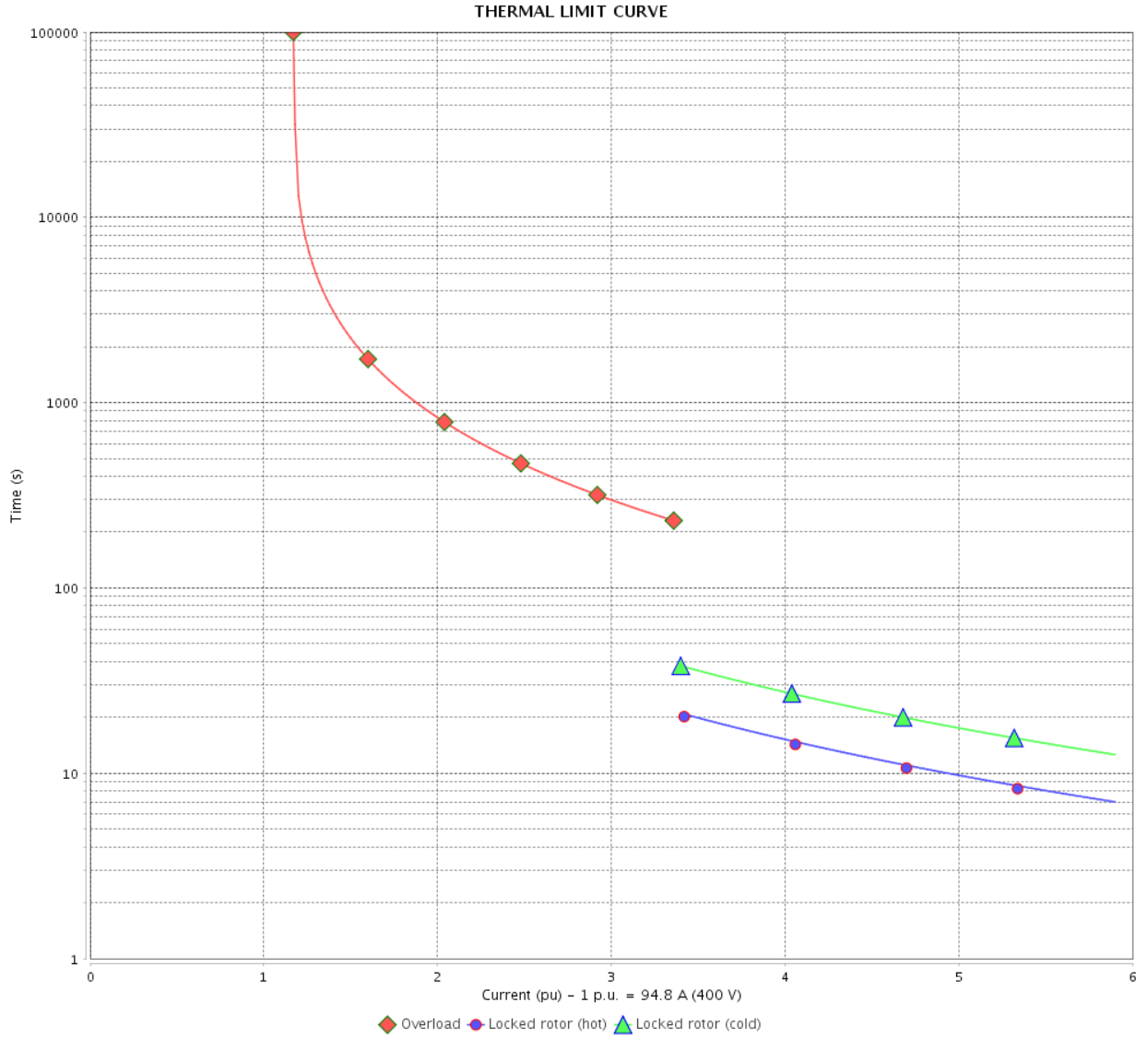
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
Date	13/04/2022		26 / 36	

# THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : \_\_\_\_\_



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Date		13/04/2022		

# THERMAL LIMIT CURVE

## Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase  
Product code : 12197395  
Catalog # : 07536ET3E365TSC-W22

Performance : 415 V 50 Hz 2P IE1

Rated current	: 91.4 A	Moment of inertia (J)	: 11.9 sq.ft.lb
LRC	: 6.5	Duty cycle	: Cont.(S1)
Rated torque	: 134 ft.lb	Insulation class	: F
Locked rotor torque	: 190 %	Service factor	: 1.00
Breakdown torque	: 240 %	Temperature rise	: 105 K
Rated speed	: 2950 rpm	Design	: B

Heating constant

Cooling constant

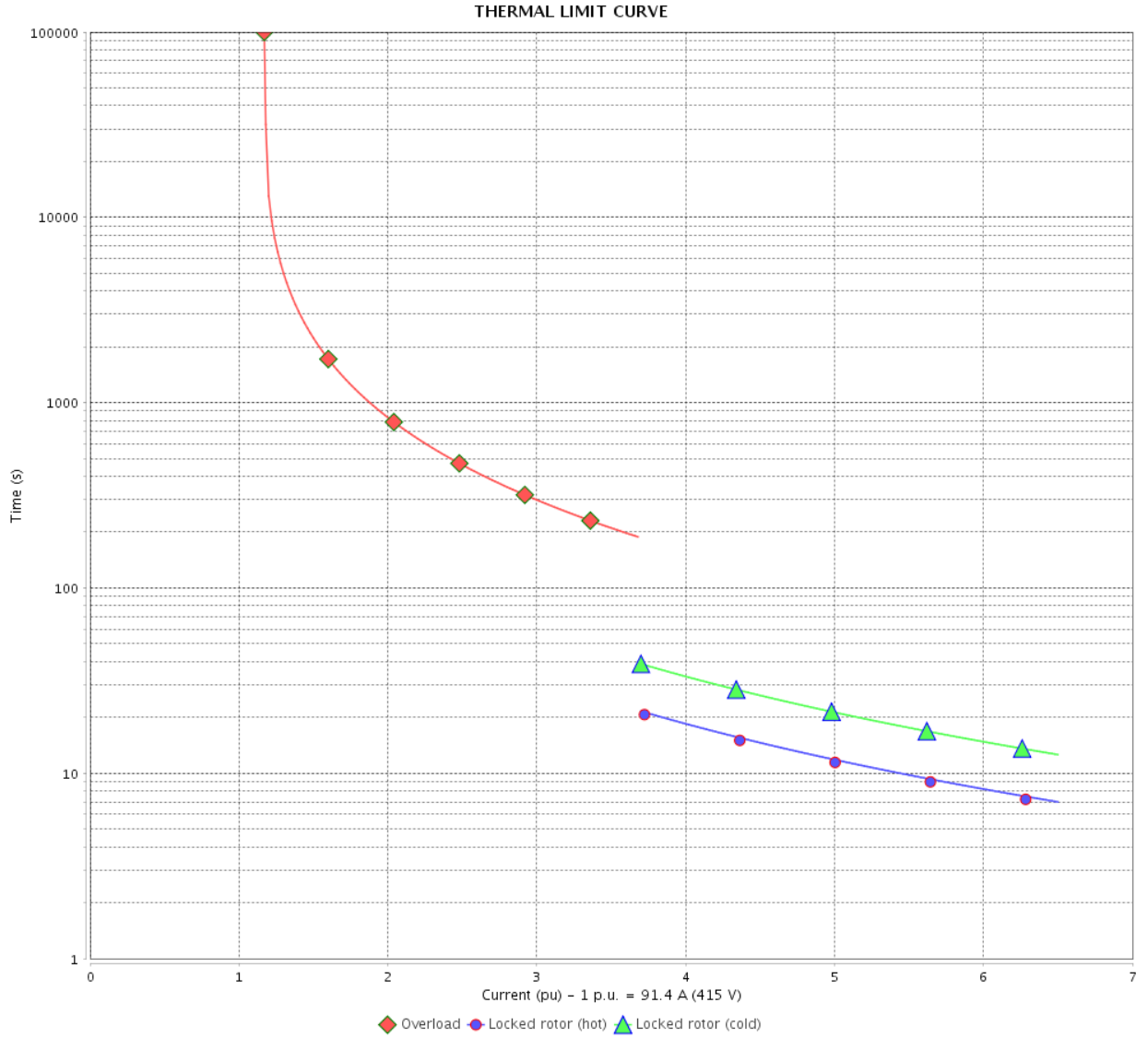
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
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# THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : \_\_\_\_\_



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Performed by				
Checked by				
Date				
			Page	Revision
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# VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

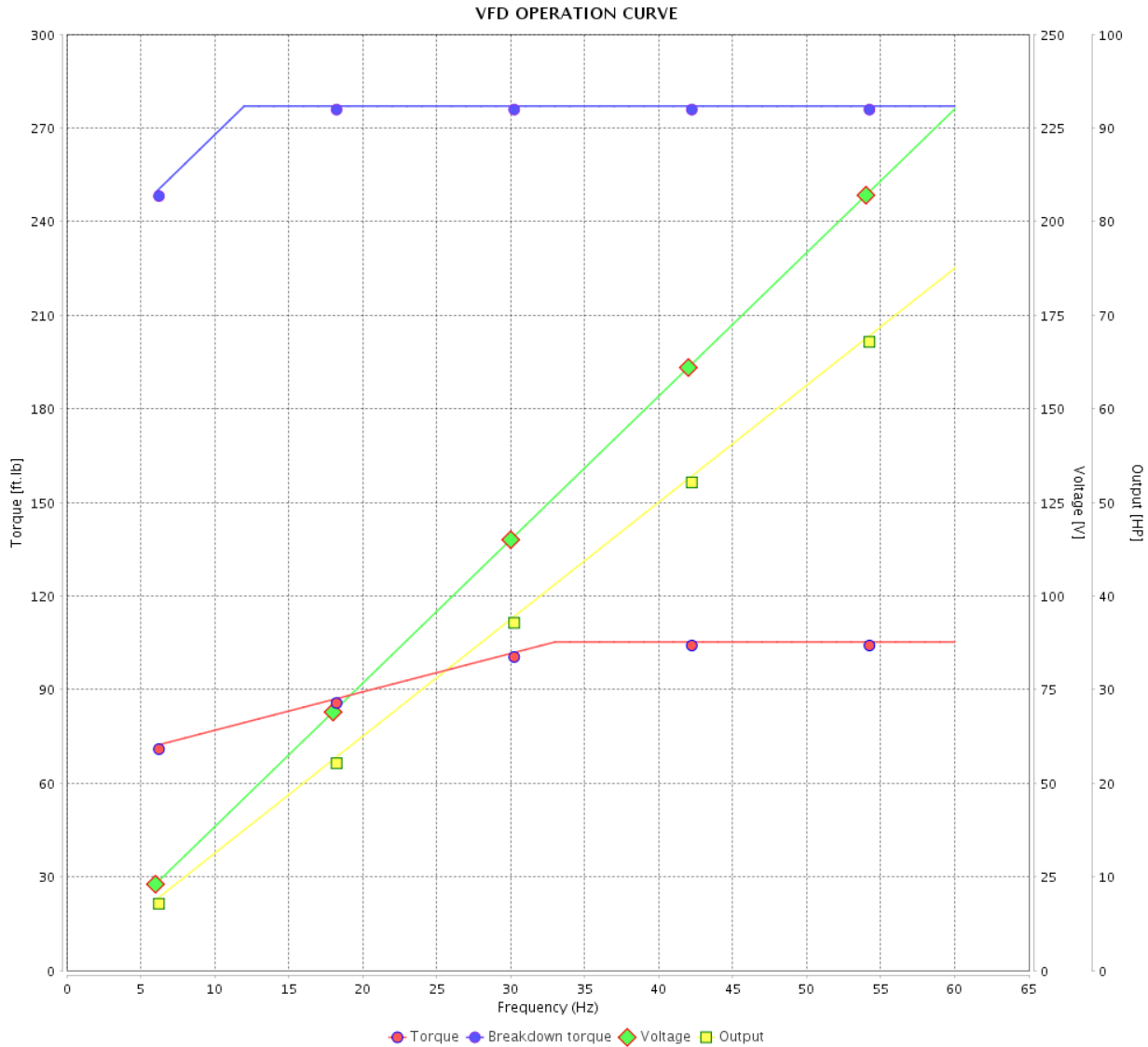


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12197395

Catalog # : 07536ET3E365TSC-W22



Performance : 230/460 V 60 Hz 2P

Rated current : 164/81.9 A  
 LRC : 6.7  
 Rated torque : 111 ft.lb  
 Locked rotor torque : 200 %  
 Breakdown torque : 250 %  
 Rated speed : 3555 rpm

Moment of inertia (J) : 11.9 sq.ft.lb  
 Duty cycle : Cont.(S1)  
 Insulation class : F  
 Service factor : 1.25  
 Temperature rise : 80 K  
 Design : B

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Performed by			Page 30 / 36	Revision
Checked by				
Date	13/04/2022			

# VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

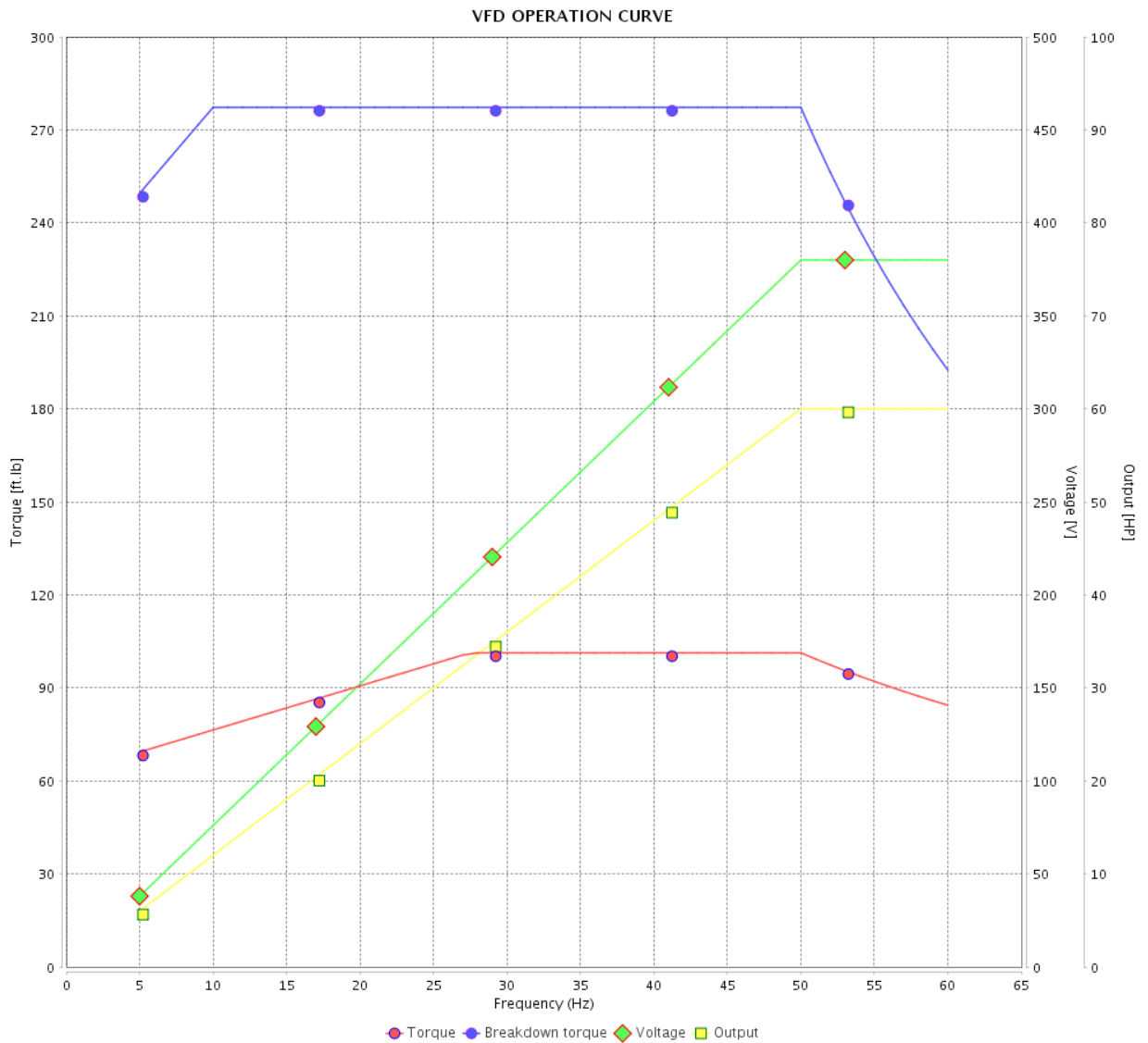


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12197395

Catalog # : 07536ET3E365TSC-W22



Performance : 380 V 50 Hz 2P IE3

Rated current : 80.8 A  
 LRC : 6.5  
 Rated torque : 107 ft.lb  
 Locked rotor torque : 210 %  
 Breakdown torque : 260 %  
 Rated speed : 2955 rpm

Moment of inertia (J) : 11.9 sq.ft.lb  
 Duty cycle : Cont.(S1)  
 Insulation class : F  
 Service factor : 1.00  
 Temperature rise : 80 K  
 Design : B

Rev.	Changes Summary	Performed	Checked	Date
Performed by			Page	Revision
Checked by				
Date				

# VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



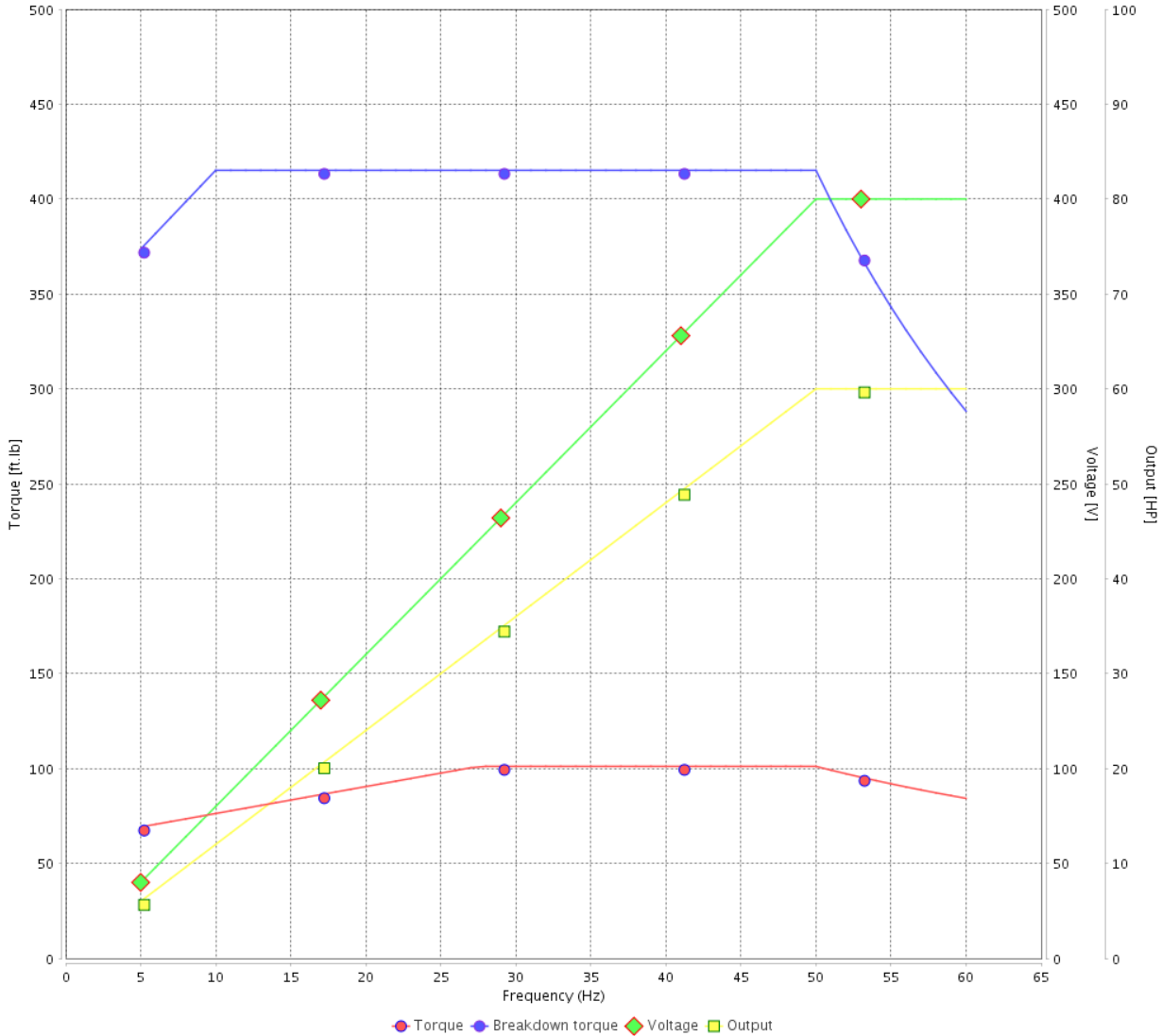
Customer : \_\_\_\_\_

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12197395

Catalog # : 07536ET3E365TSC-W22

VFD OPERATION CURVE



Performance : 400 V 50 Hz 2P IE3

Rated current : 78.5 A  
 LRC : 7.1  
 Rated torque : 106 ft.lb  
 Locked rotor torque : 229 %  
 Breakdown torque : 390 %  
 Rated speed : 2960 rpm

Moment of inertia (J) : 11.9 sq.ft.lb  
 Duty cycle : Cont.(S1)  
 Insulation class : F  
 Service factor : 1.00  
 Temperature rise : 80 K  
 Design : B

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Performed by			Page	Revision
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Date				



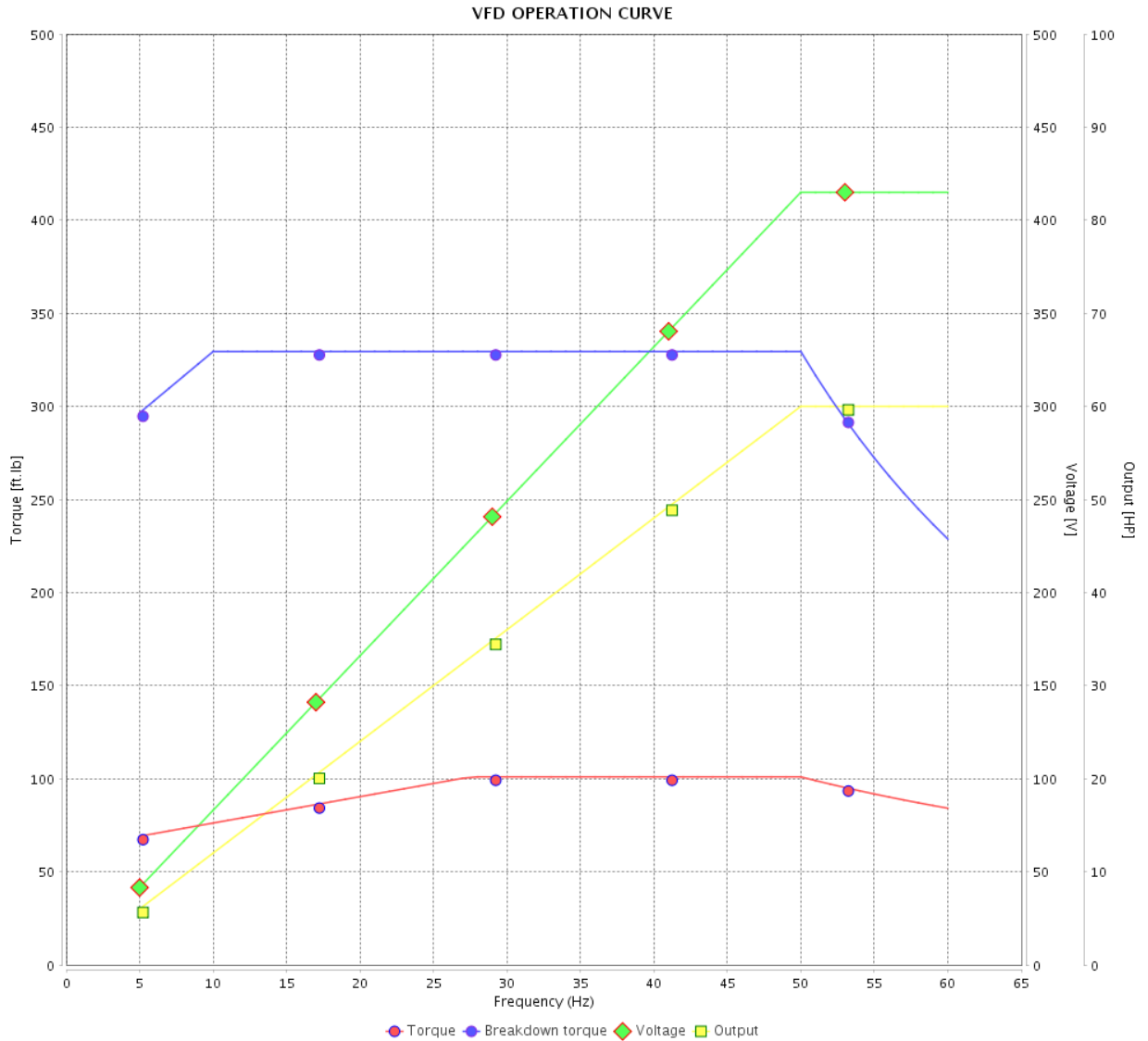
# VFD OPERATION CURVE

## Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase  
 Product code : 12197395  
 Catalog # : 07536ET3E365TSC-W22



Performance : 415 V 50 Hz 2P IE3

Rated current : 75.7 A	Moment of inertia (J) : 11.9 sq.ft.lb
LRC : 7.9	Duty cycle : Cont.(S1)
Rated torque : 106 ft.lb	Insulation class : F
Locked rotor torque : 250 %	Service factor : 1.00
Breakdown torque : 310 %	Temperature rise : 80 K
Rated speed : 2965 rpm	Design : B

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# VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

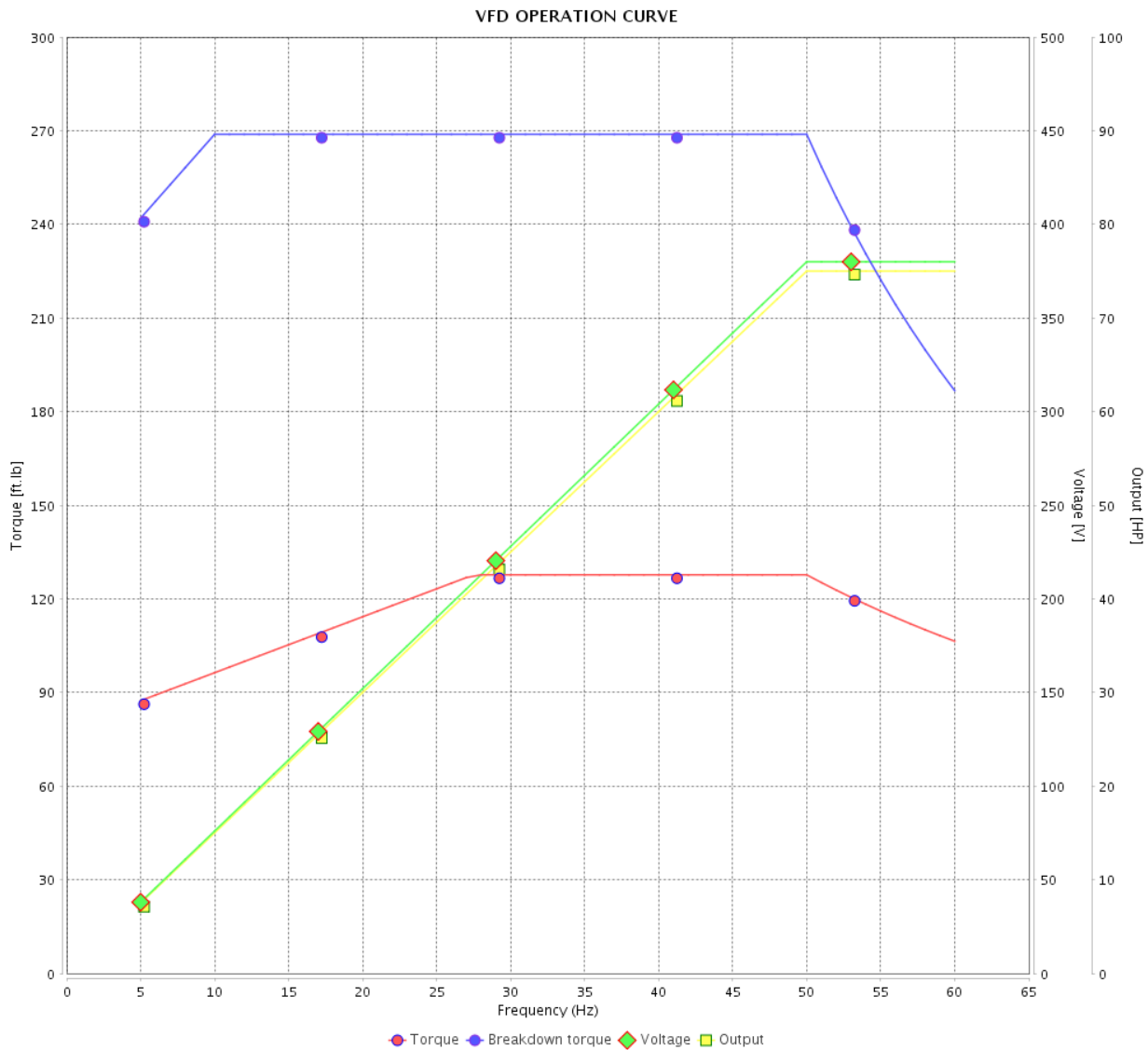


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12197395

Catalog # : 07536ET3E365TSC-W22



Performance : 380 V 50 Hz 2P IE1

Rated current	: 100 A	Moment of inertia (J)	: 11.9 sq.ft.lb
LRC	: 5.2	Duty cycle	: Cont.(S1)
Rated torque	: 134 ft.lb	Insulation class	: F
Locked rotor torque	: 160 %	Service factor	: 1.00
Breakdown torque	: 200 %	Temperature rise	: 105 K
Rated speed	: 2930 rpm	Design	: B

Rev.	Changes Summary	Performed	Checked	Date
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Date	13/04/2022			

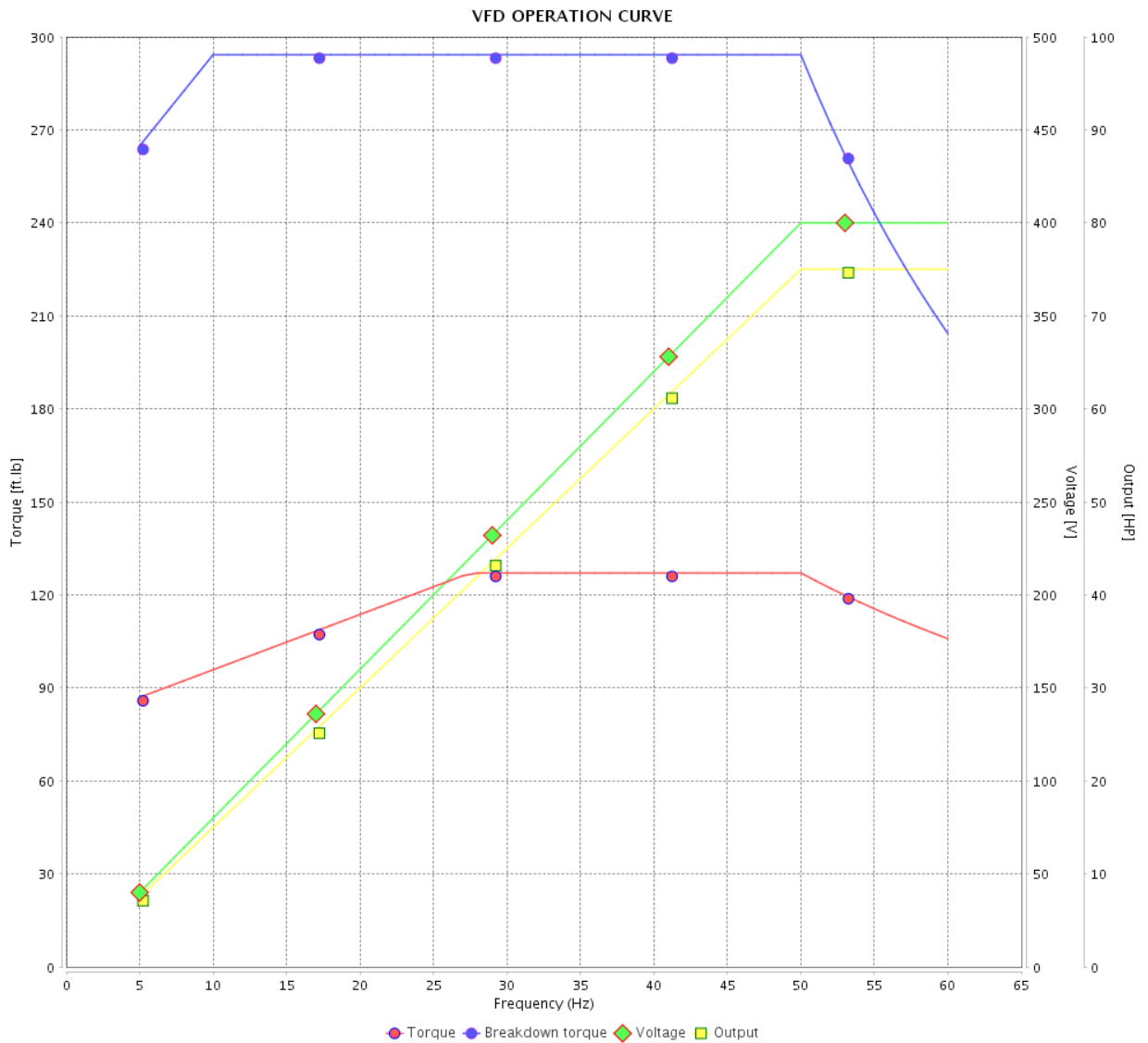
# VFD OPERATION CURVE

## Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase  
 Product code : 12197395  
 Catalog # : 07536ET3E365TSC-W22



Performance : 400 V 50 Hz 2P IE1

Rated current : 94.8 A  
 LRC : 5.9  
 Rated torque : 134 ft.lb  
 Locked rotor torque : 175 %  
 Breakdown torque : 220 %  
 Rated speed : 2945 rpm

Moment of inertia (J) : 11.9 sq.ft.lb  
 Duty cycle : Cont.(S1)  
 Insulation class : F  
 Service factor : 1.00  
 Temperature rise : 105 K  
 Design : B

Rev.	Changes Summary	Performed	Checked	Date
Performed by			Page	Revision
Checked by				
Date				

# VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



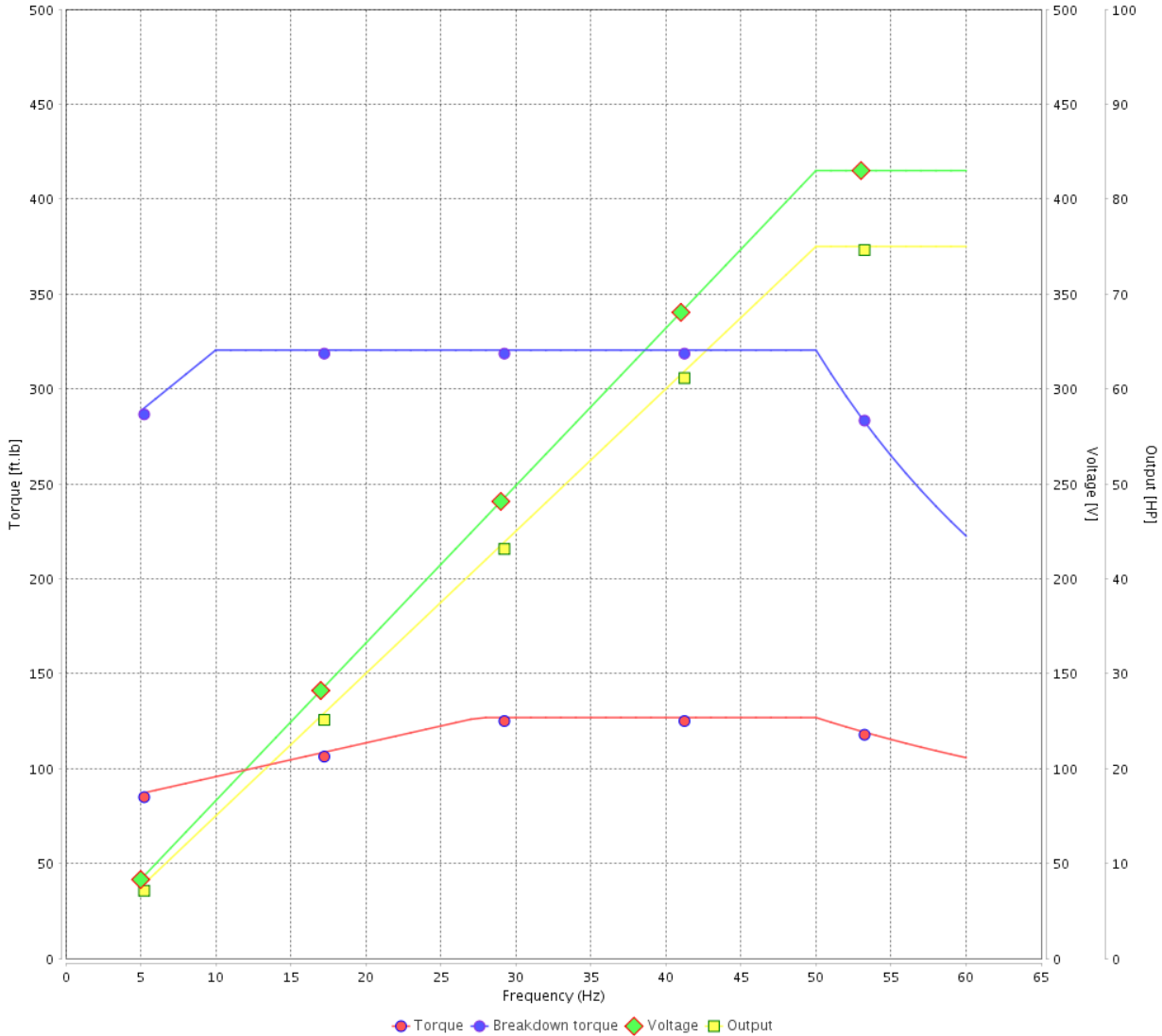
Customer : \_\_\_\_\_

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12197395

Catalog # : 07536ET3E365TSC-W22

VFD OPERATION CURVE



Performance : 415 V 50 Hz 2P IE1

Rated current : 91.4 A  
 LRC : 6.5  
 Rated torque : 134 ft.lb  
 Locked rotor torque : 190 %  
 Breakdown torque : 240 %  
 Rated speed : 2950 rpm

Moment of inertia (J) : 11.9 sq.ft.lb  
 Duty cycle : Cont.(S1)  
 Insulation class : F  
 Service factor : 1.00  
 Temperature rise : 105 K  
 Design : B

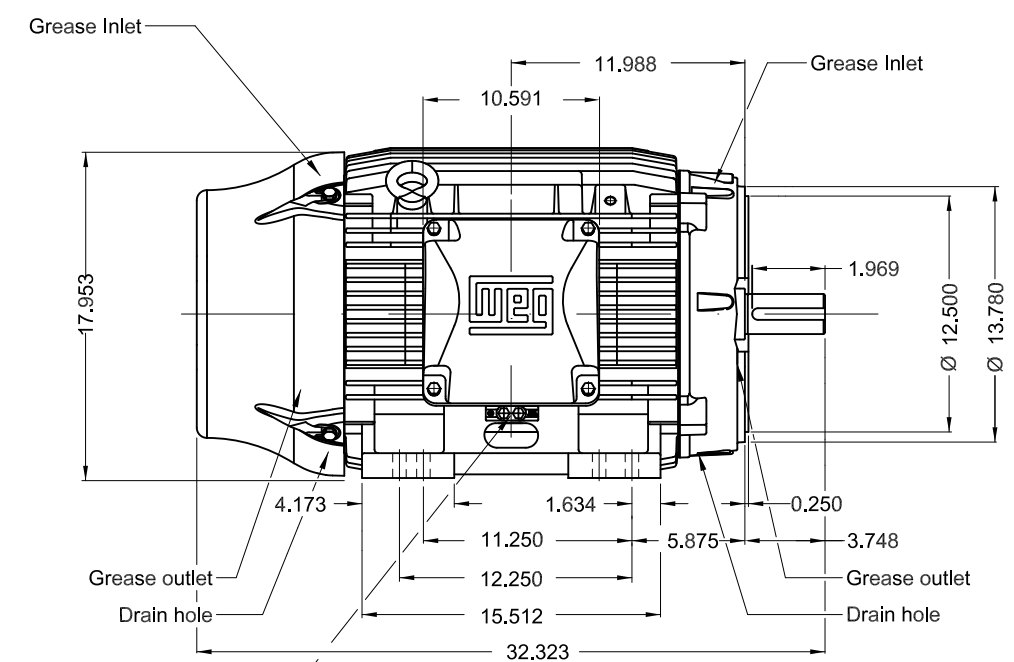
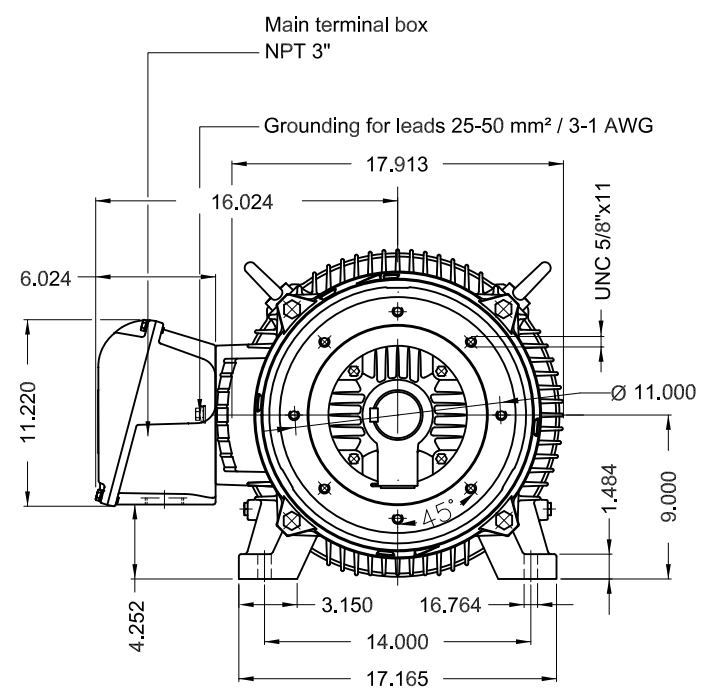
Rev.	Changes Summary	Performed	Checked	Date
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Checked by				
Date	13/04/2022			

1 2 3 4 5 6

A

B

C

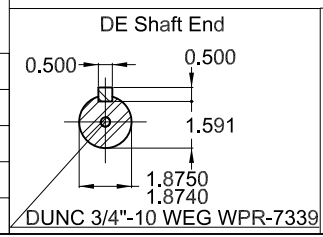


Grounding for leads 25-185 mm² / 3AWG-350MCM

D

E

Without vertical jackscrews  
 Color RAL 5009  
 Painting plan 203A  
 Mounting NEMA F-1  
 Mounting B34R(D)



75 HP 02 Poles 60 Hz A

ECM	LOC	SUMMARY OF MODIFICATIONS	EXECUTED	CHECKED	RELEASED	DATE	VER
EXECUTED	PIRWUSER	THREE PH. MOTOR W22 PREM. EFF.					
CHECKED		FRAME 364/5TSC IP55 TEFC					
RELEASED							
REL DT.	WMO	Jaragua do Sul	Product Engineering	SHEET	1 / 1		

**PREVIEW**  
WDD



MADE IN MEXICO  
12197395



FOR SAFE AREA  
Mod.TE1BFOXON  
CC029A

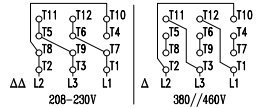


For use on 60Hz  
Class I, Div 2, Gr A, B, C and D - T3  
Class I, Zone 2, IIC - T3  
Class II, Div 2, Gr F and G - T4  
For use on PWM: Gr. A, B, C, D and F,  
VT 1000:1, CT 20:1, 1.00SF - T3A

MODEL 07536ET3E365TSC-W22

Inverter Duty Motor  
Severe Duty

PH3	60Hz	Fr. 364/5TSC	1000m.a.s.l.	IP55	TEFC	883lb
V	230/460			A	164/81.9	
HP	75			kW	55	
SF	1.25			SFA	205/102	
RPM	3555			PF	0.90	
AMB	40°C	INS	cl. F DT80K	NEMA NOM EFF	93.6%	
DUTY	CONT.	DES	B Code	G		
USABLE	@208V	181A	SF 1.10	SFA	199	
75HP	55kW	50Hz	380V	100A	2930RPM	SF 1.00 EFF 92.4% (IE1)



→ 6314-C3 (27g)  
 → 6314-C3 (27g)

MOBIL POLYREX EM (4000h)