

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer							
Product line	: NEMA Premium Efficiency Three-Phase	Product code	: 11440690				
		Catalog #	: 05036ET3E326TSC-W22				
Frame	: 324/6TSC	Cooling method	: IC411 - TEFC				
Insulation class	: F	Mounting	: F-1				
Duty cycle	: Cont.(S1)	Rotation ¹	: Both (CW and CCW)				
Ambient temperature	: -20°C to +40°C	Starting method	: Direct On Line				
Altitude	: 1000 m.a.s.l.	Approx. weight ²	: 591 lb				
Protection degree	: IP55	Moment of inertia (J)	: 5.75 sq.ft.lb				
Design	: B						
Output [HP]	50	40	40	40	50	50	50
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]	112/56.1	55.1	52.1	50.3	69.4	65.4	62.6
L. R. Amperes [A]	696/348	336	349	362	333	347	357
LRC [A]	6.2x(Code F)	6.1x(Code F)	6.7x(Code G)	7.2x(Code H)	4.8x(Code D)	5.3x(Code E)	5.7x(Code F)
No load current [A]	27.0/13.5	12.5	13.5	14.0	12.5	13.5	14.0
Rated speed [RPM]	3550	2950	2955	2955	2935	2940	2945
Slip [%]	1.39	1.67	1.50	1.50	2.17	2.00	1.83
Rated torque [ft.lb]	74.0	71.2	71.1	71.1	89.5	89.3	89.2
Locked rotor torque [%]	240	240	260	280	190	210	229
Breakdown torque [%]	229	229	250	280	180	200	220
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	36s (cold) 20s (hot)	39s (cold) 22s (hot)	37s (cold) 21s (hot)	36s (cold) 20s (hot)	21s (cold) 12s (hot)	23s (cold) 13s (hot)	25s (cold) 14s (hot)
Noise level ²	76.0 dB(A)	72.0 dB(A)	72.0 dB(A)	72.0 dB(A)	72.0 dB(A)	72.0 dB(A)	72.0 dB(A)
Efficiency (%)	25%						
	50%	93.0	92.8	92.2	92.2	93.0	93.0
	75%	93.0	92.9	92.8	93.1	92.4	93.0
	100%	93.0	93.0	93.3	93.3	91.0	92.4
Power Factor	25%						
	50%	0.83	0.80	0.77	0.76	0.86	0.83
	75%	0.87	0.88	0.87	0.85	0.88	0.87
	100%	0.89	0.89	0.89	0.89	0.89	0.89
Bearing type	: 6312 C3	6212 C3	Foundation loads				
Sealing	: V'Ring	V'Ring	Max. traction	: 457 lb			
Lubrication interval	: 12000 h	15000 h	Max. compression	: 1048 lb			
Lubricant amount	: 21 g	13 g					
Lubricant type	: Mobil Polyrex EM						
Notes							
USABLE @208V 124A SF 1.10 SFA 136A							
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.			
Rev.	Changes Summary			Performed	Checked	Date	
Performed by							
Checked by					Page	Revision	
Date	13/04/2022				1 / 36		

TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



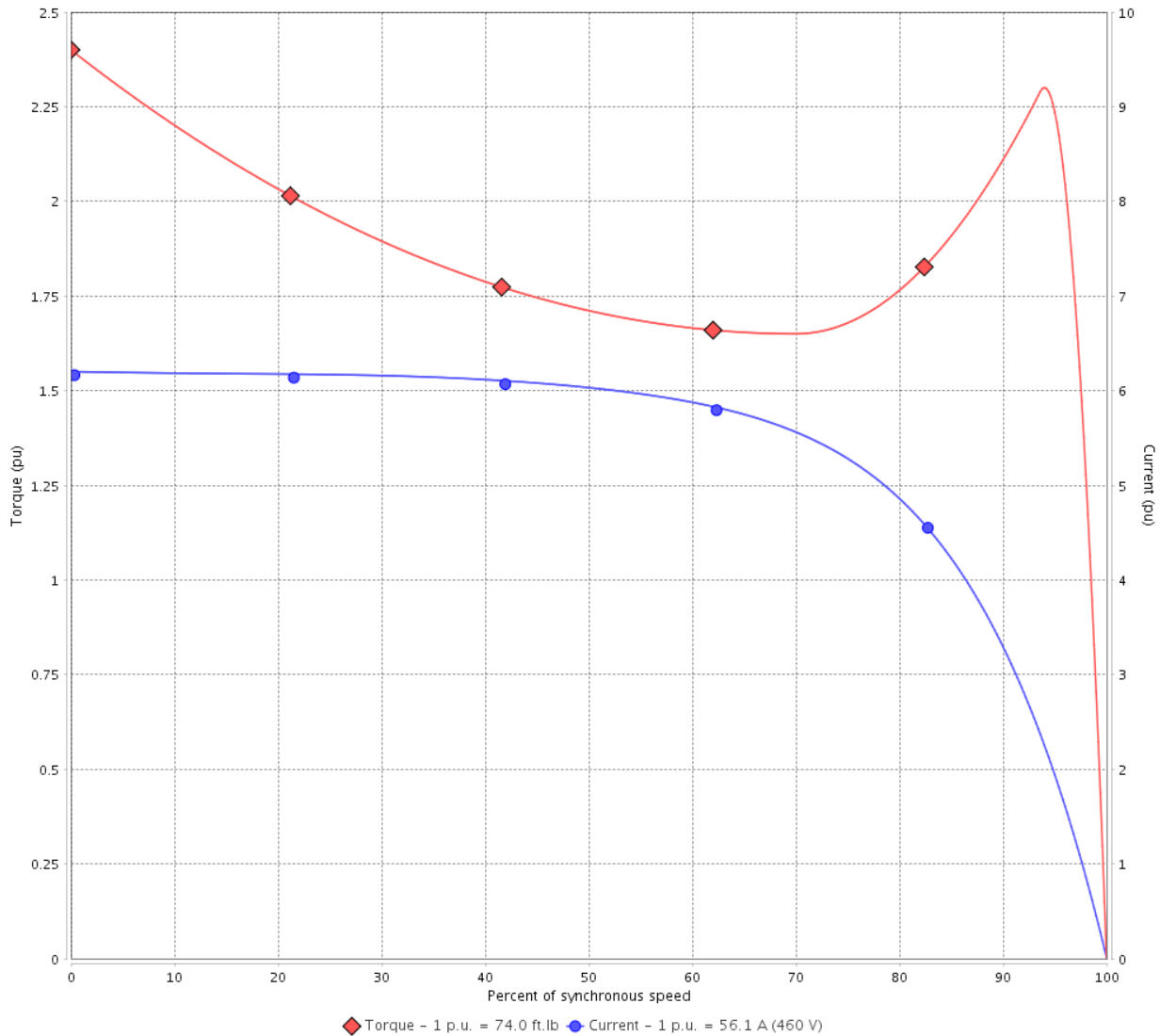
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11440690

Catalog # : 05036ET3E326TSC-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 230/460 V 60 Hz 2P

Rated current	: 112/56.1 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 6.2	Duty cycle	: Cont.(S1)
Rated torque	: 74.0 ft.lb	Insulation class	: F
Locked rotor torque	: 240 %	Service factor	: 1.25
Breakdown torque	: 229 %	Temperature rise	: 80 K
Rated speed	: 3550 rpm	Design	: B

Locked rotor time : 36s (cold) 20s (hot)

Rev.	Changes Summary	Performed	Checked	Date
Performed by			Page 2 / 36	Revision
Checked by				
Date	13/04/2022			

TORQUE AND CURRENT VS SPEED CURVE



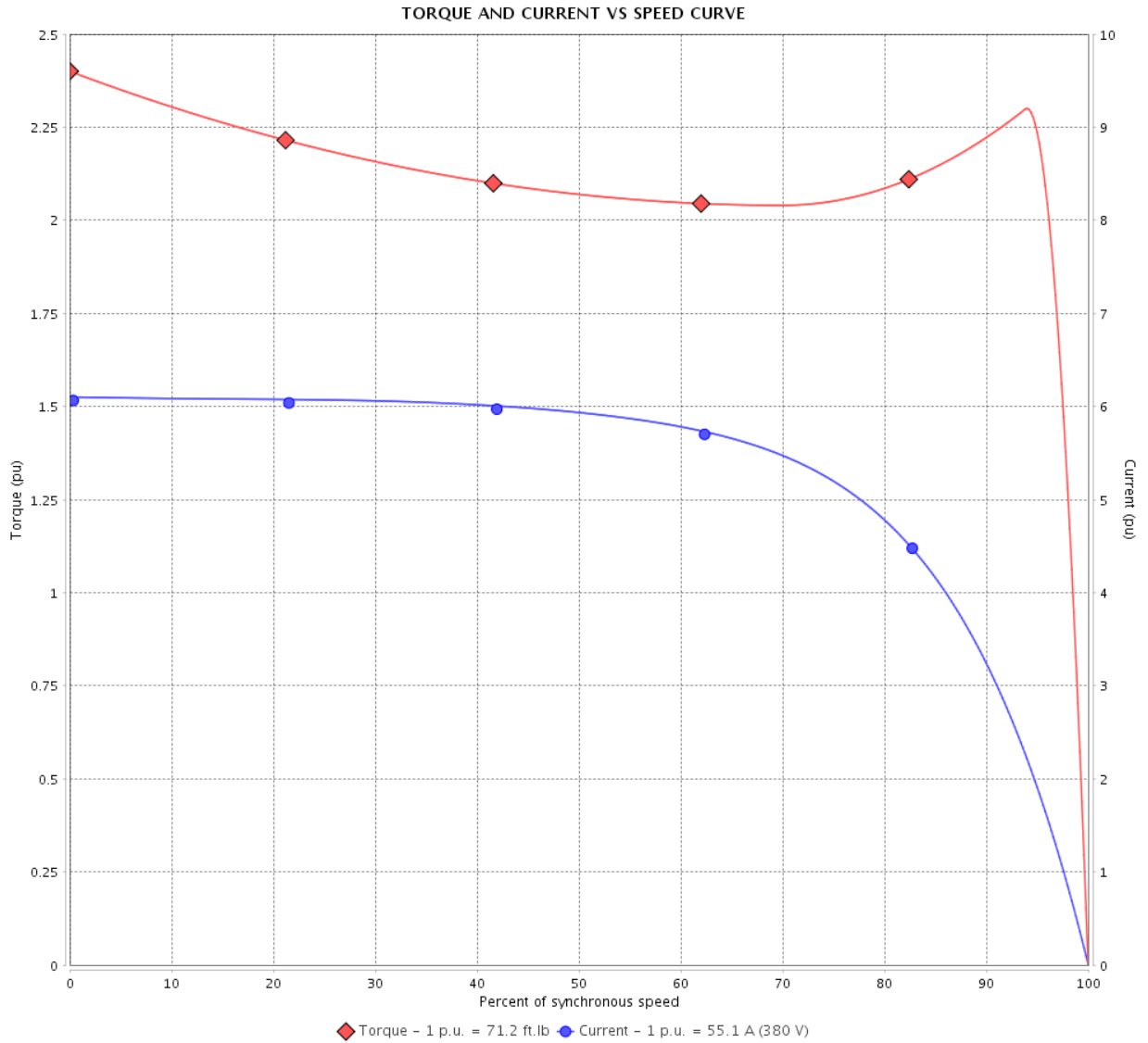
Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11440690

Catalog # : 05036ET3E326TSC-W22



Performance : 380 V 50 Hz 2P IE2

Rated current	: 55.1 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 6.1	Duty cycle	: Cont.(S1)
Rated torque	: 71.2 ft.lb	Insulation class	: F
Locked rotor torque	: 240 %	Service factor	: 1.00
Breakdown torque	: 229 %	Temperature rise	: 80 K
Rated speed	: 2950 rpm	Design	: B

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

Rev.	Changes Summary	Performed	Checked	Date
Performed by			Page 3 / 36	Revision
Checked by				
Date	13/04/2022			

TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



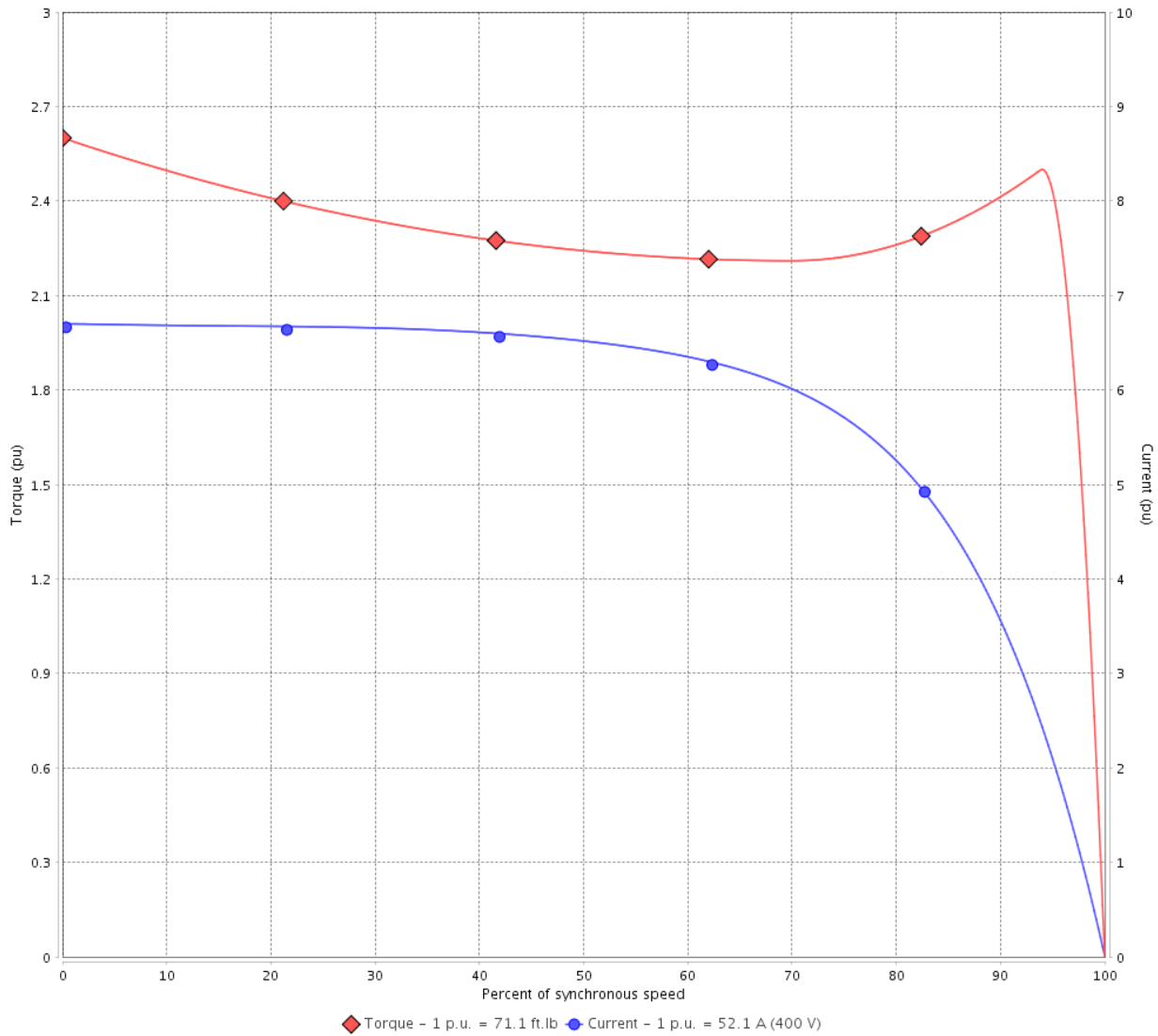
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11440690

Catalog # : 05036ET3E326TSC-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 400 V 50 Hz 2P IE3

Rated current	: 52.1 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 6.7	Duty cycle	: Cont.(S1)
Rated torque	: 71.1 ft.lb	Insulation class	: F
Locked rotor torque	: 260 %	Service factor	: 1.00
Breakdown torque	: 250 %	Temperature rise	: 80 K
Rated speed	: 2955 rpm	Design	: B

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

Rev.	Changes Summary	Performed	Checked	Date
Performed by			Page 4 / 36	Revision
Checked by				
Date	13/04/2022			

TORQUE AND CURRENT VS SPEED CURVE



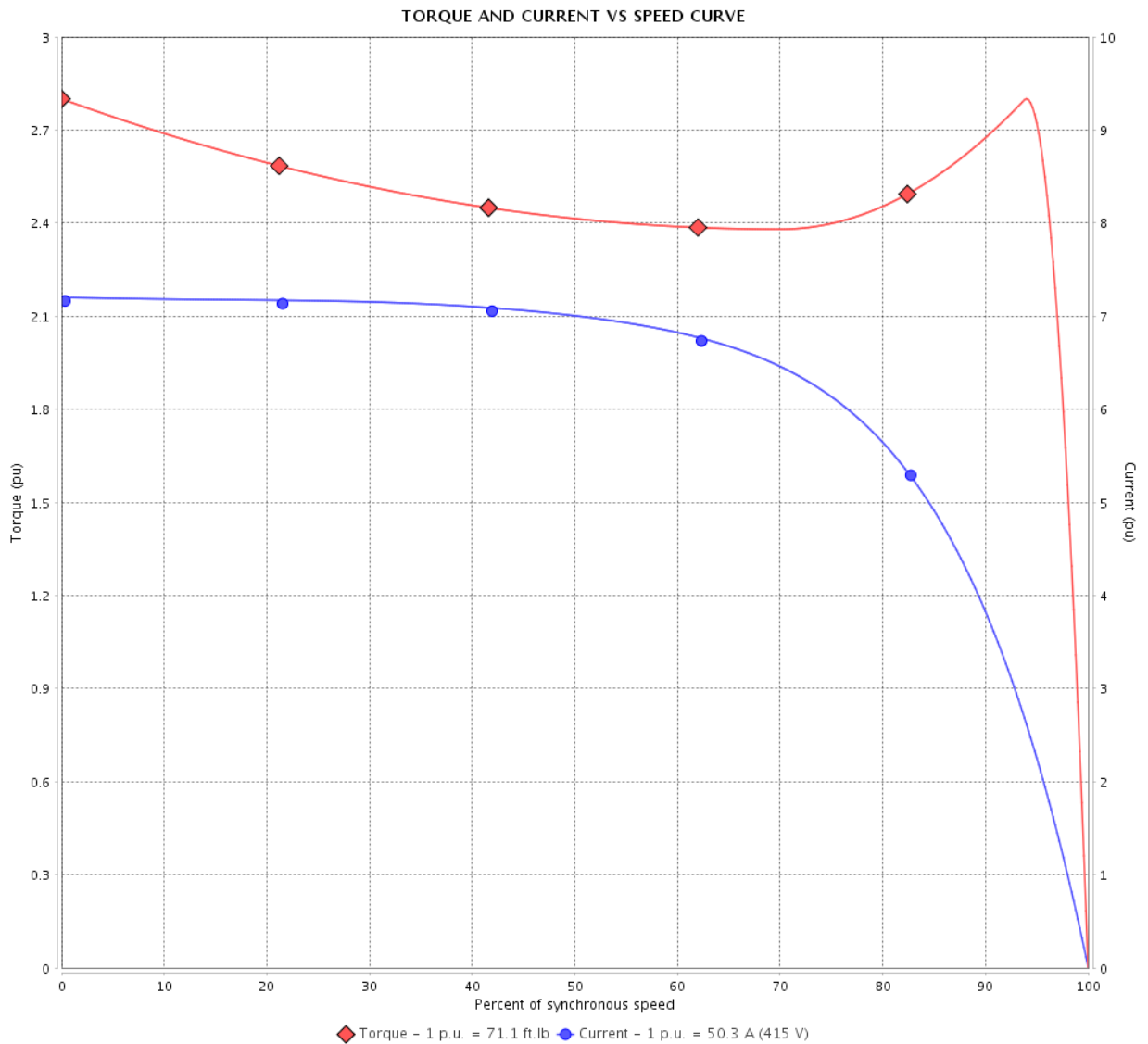
Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11440690

Catalog # : 05036ET3E326TSC-W22



Performance : 415 V 50 Hz 2P IE3

Rated current	: 50.3 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 7.2	Duty cycle	: Cont.(S1)
Rated torque	: 71.1 ft.lb	Insulation class	: F
Locked rotor torque	: 280 %	Service factor	: 1.00
Breakdown torque	: 280 %	Temperature rise	: 80 K
Rated speed	: 2955 rpm	Design	: B

Locked rotor time : 36s (cold) 20s (hot)

Rev.	Changes Summary	Performed	Checked	Date
Performed by			Page 5 / 36	Revision
Checked by				
Date	13/04/2022			

TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



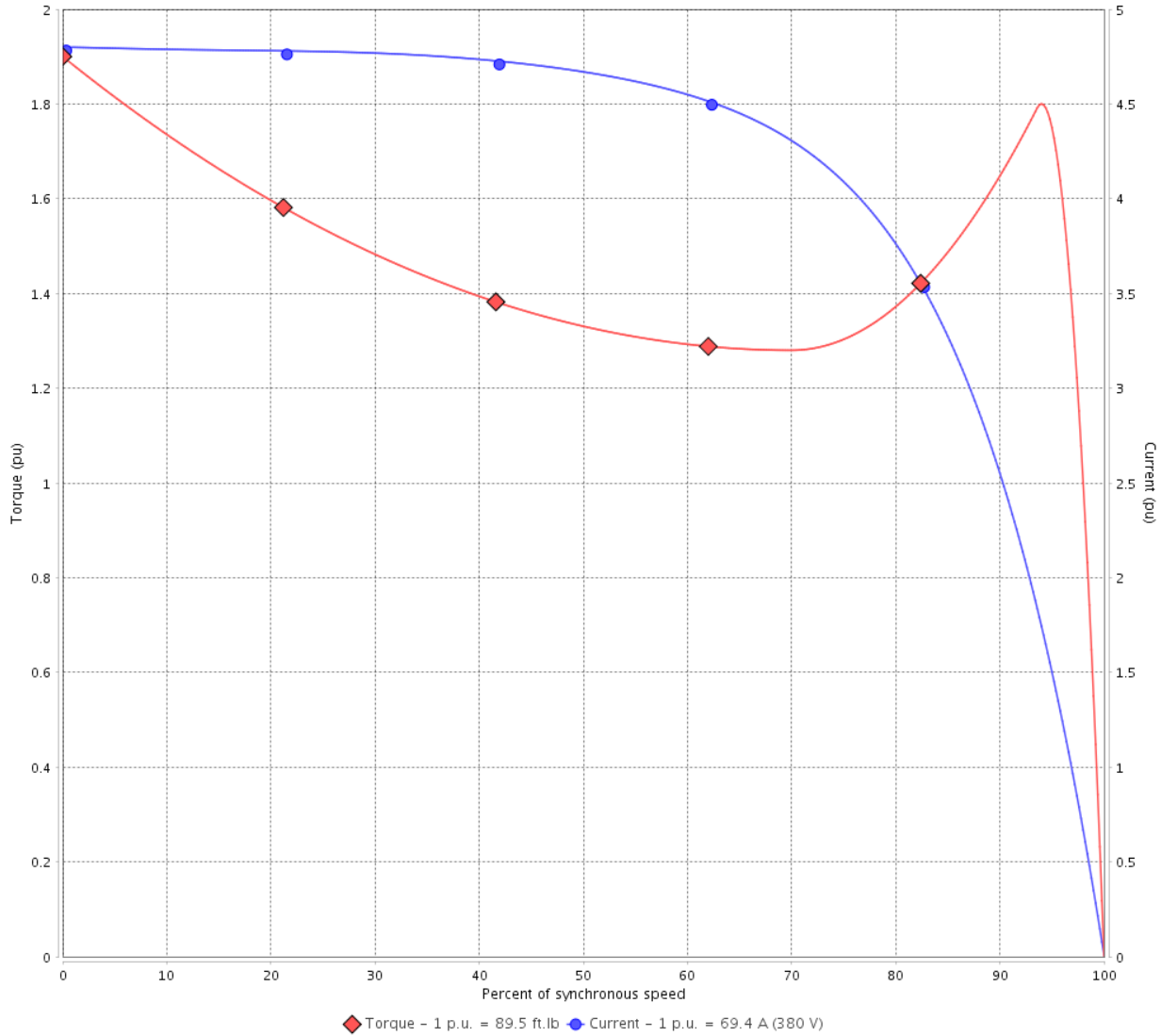
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11440690

Catalog # : 05036ET3E326TSC-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 380 V 50 Hz 2P

Rated current	: 69.4 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 4.8	Duty cycle	: Cont.(S1)
Rated torque	: 89.5 ft.lb	Insulation class	: F
Locked rotor torque	: 190 %	Service factor	: 1.00
Breakdown torque	: 180 %	Temperature rise	: 105 K
Rated speed	: 2935 rpm	Design	: B

Locked rotor time : 21s (cold) 12s (hot)

Rev.	Changes Summary	Performed	Checked	Date
Performed by			Page 6 / 36	Revision
Checked by				
Date	13/04/2022			

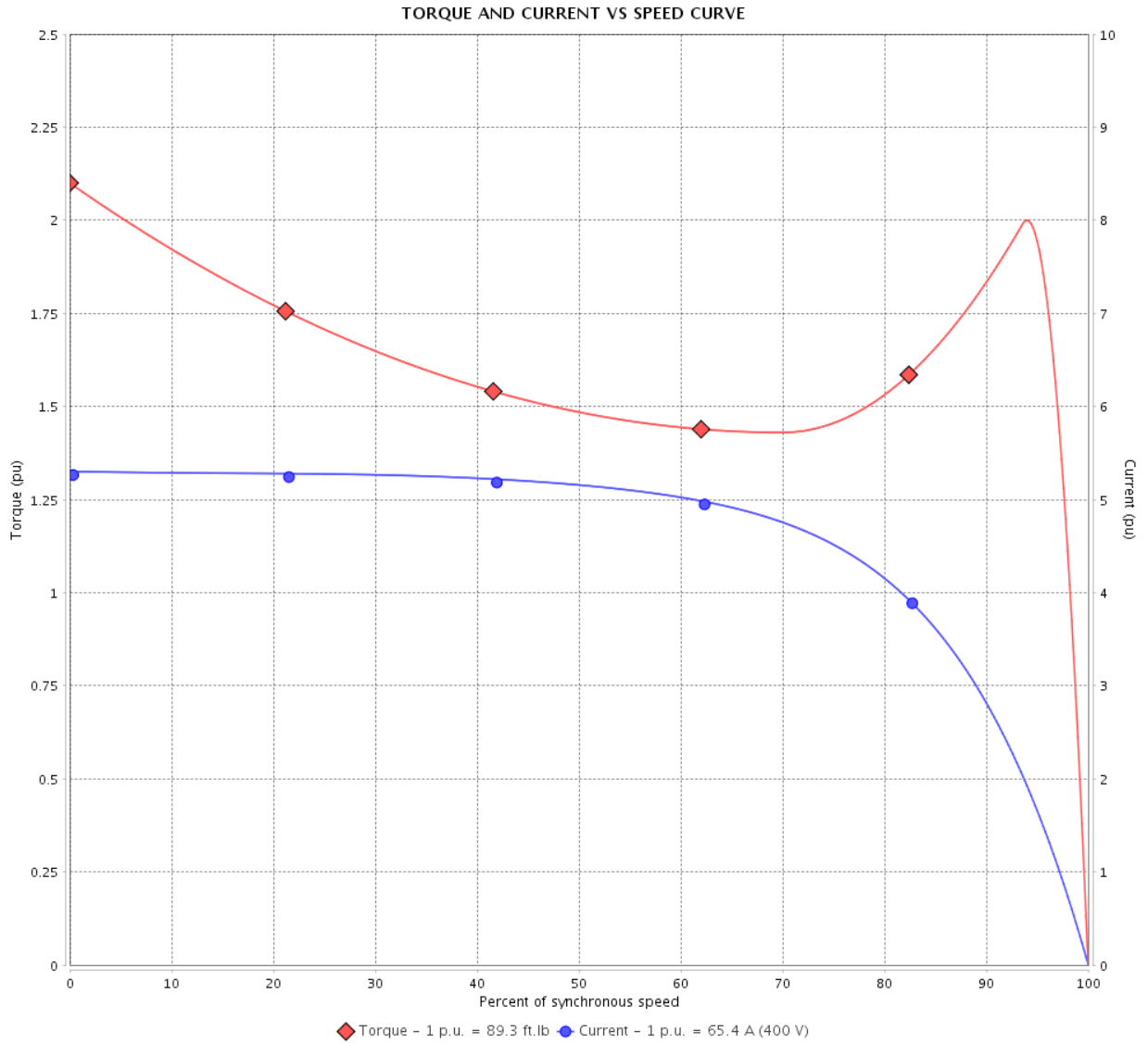
TORQUE AND CURRENT VS SPEED CURVE



Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase
 Product code : 11440690
 Catalog # : 05036ET3E326TSC-W22



Performance : 400 V 50 Hz 2P IE1

Rated current	: 65.4 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 5.3	Duty cycle	: Cont.(S1)
Rated torque	: 89.3 ft.lb	Insulation class	: F
Locked rotor torque	: 210 %	Service factor	: 1.00
Breakdown torque	: 200 %	Temperature rise	: 105 K
Rated speed	: 2940 rpm	Design	: B

Locked rotor time : 23s (cold) 13s (hot)

Rev.	Changes Summary	Performed	Checked	Date
Performed by			Page 7 / 36	Revision
Checked by				
Date	13/04/2022			

TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



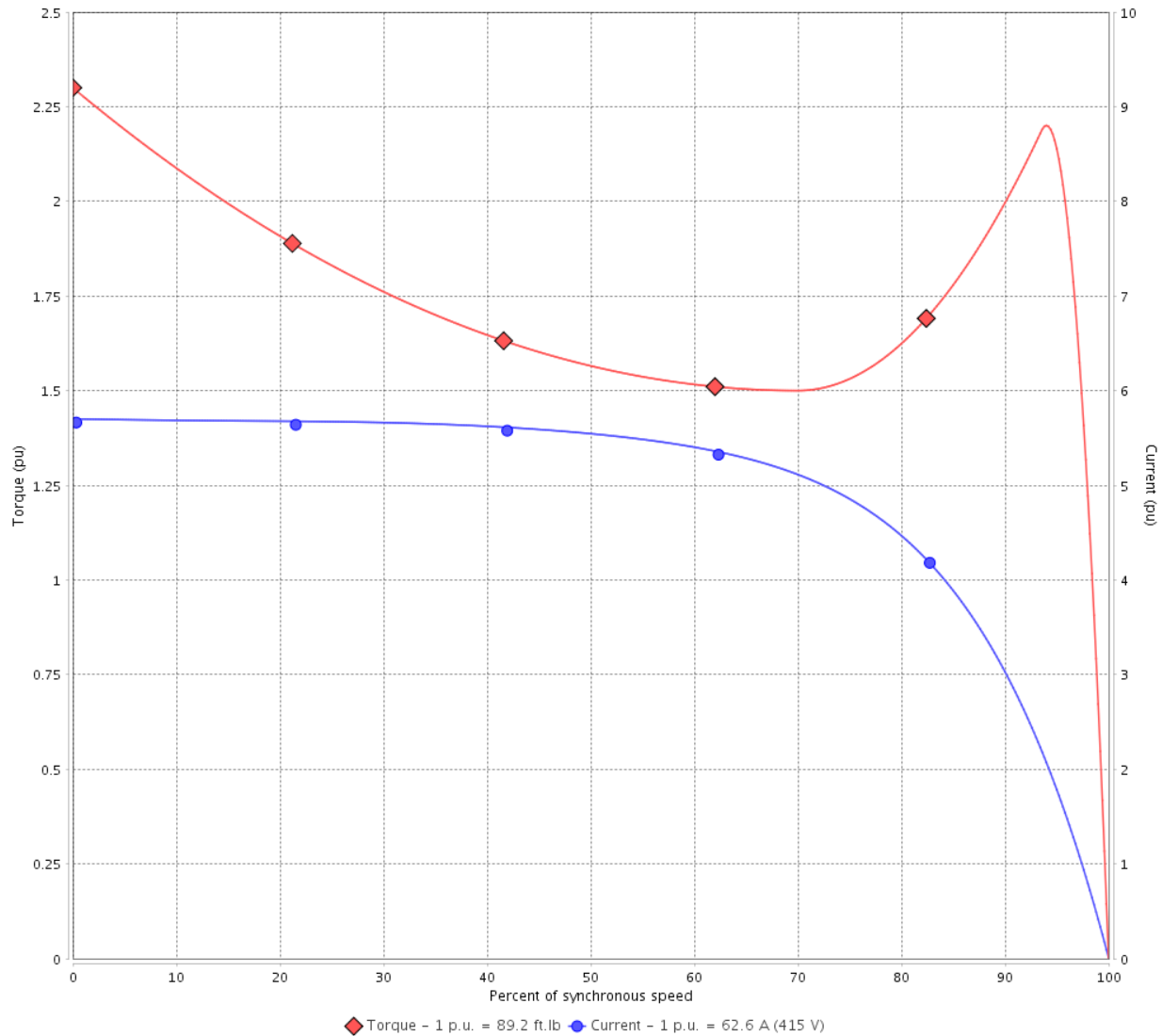
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11440690

Catalog # : 05036ET3E326TSC-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 415 V 50 Hz 2P IE1

Rated current	: 62.6 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 5.7	Duty cycle	: Cont.(S1)
Rated torque	: 89.2 ft.lb	Insulation class	: F
Locked rotor torque	: 229 %	Service factor	: 1.00
Breakdown torque	: 220 %	Temperature rise	: 105 K
Rated speed	: 2945 rpm	Design	: B

Locked rotor time : 25s (cold) 14s (hot)

Rev.	Changes Summary	Performed	Checked	Date
Performed by			Page 8 / 36	Revision
Checked by				
Date	13/04/2022			

LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

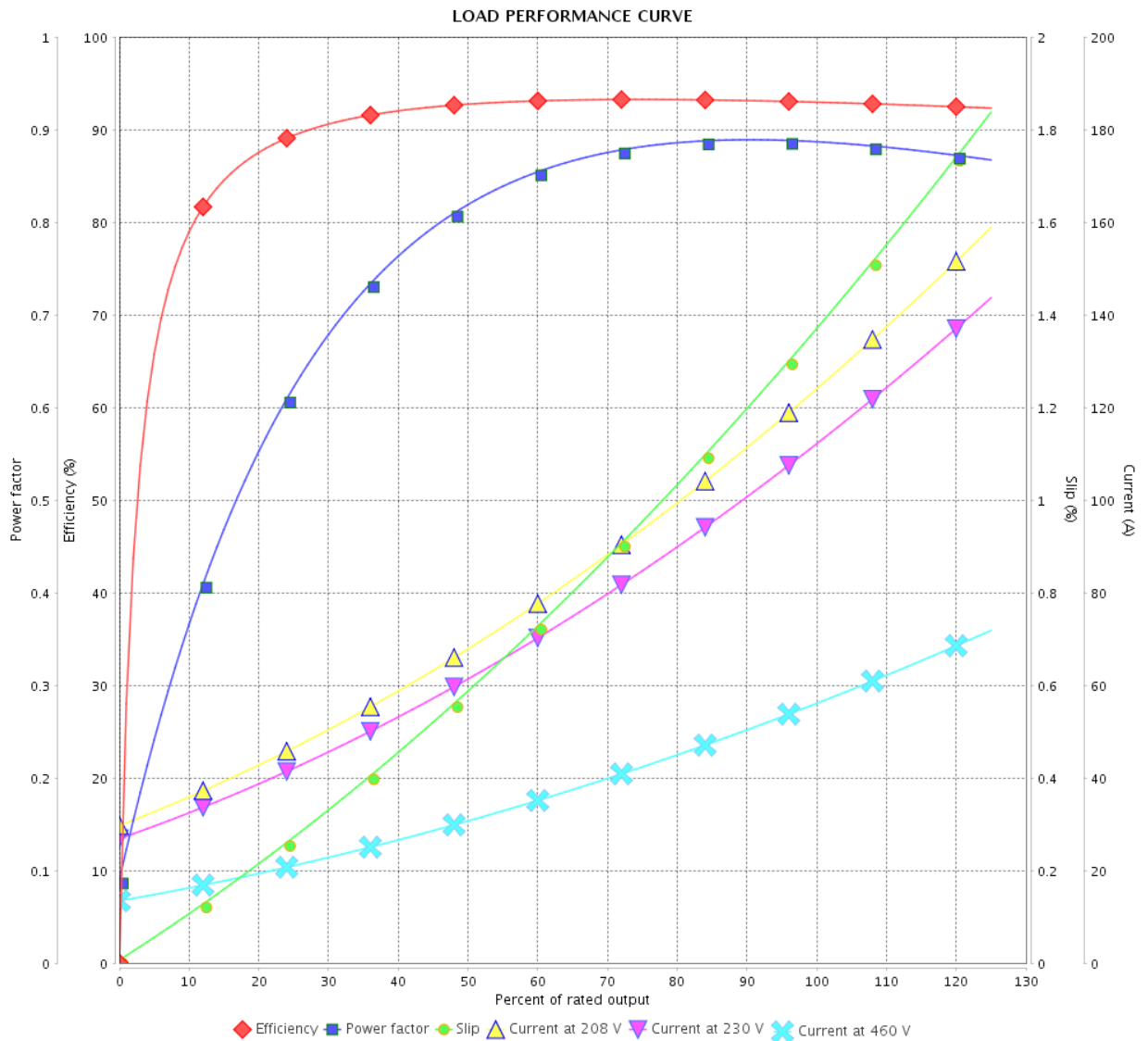


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11440690

Catalog # : 05036ET3E326TSC-W22



Performance : 230/460 V 60 Hz 2P

Rated current : 112/56.1 A
 LRC : 6.2
 Rated torque : 74.0 ft.lb
 Locked rotor torque : 240 %
 Breakdown torque : 229 %
 Rated speed : 3550 rpm

Moment of inertia (J) : 5.75 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.25
 Temperature rise : 80 K
 Design : B

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

LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage



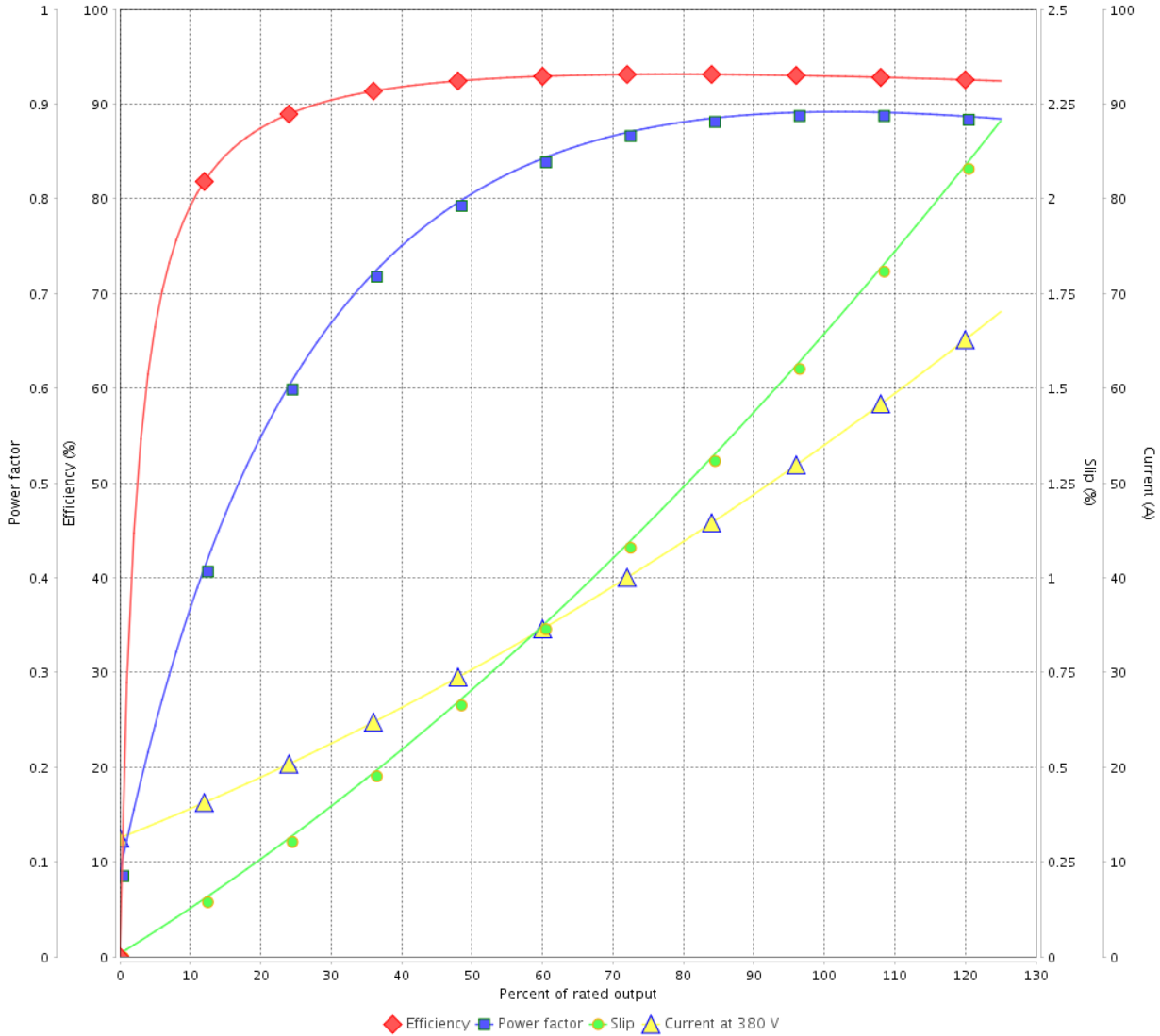
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11440690

Catalog # : 05036ET3E326TSC-W22

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Performance : 380 V 50 Hz 2P IE2

Rated current : 55.1 A
 LRC : 6.1
 Rated torque : 71.2 ft.lb
 Locked rotor torque : 240 %
 Breakdown torque : 229 %
 Rated speed : 2950 rpm

Moment of inertia (J) : 5.75 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 10 / 36	Revision
Checked by				
Date	13/04/2022			

LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

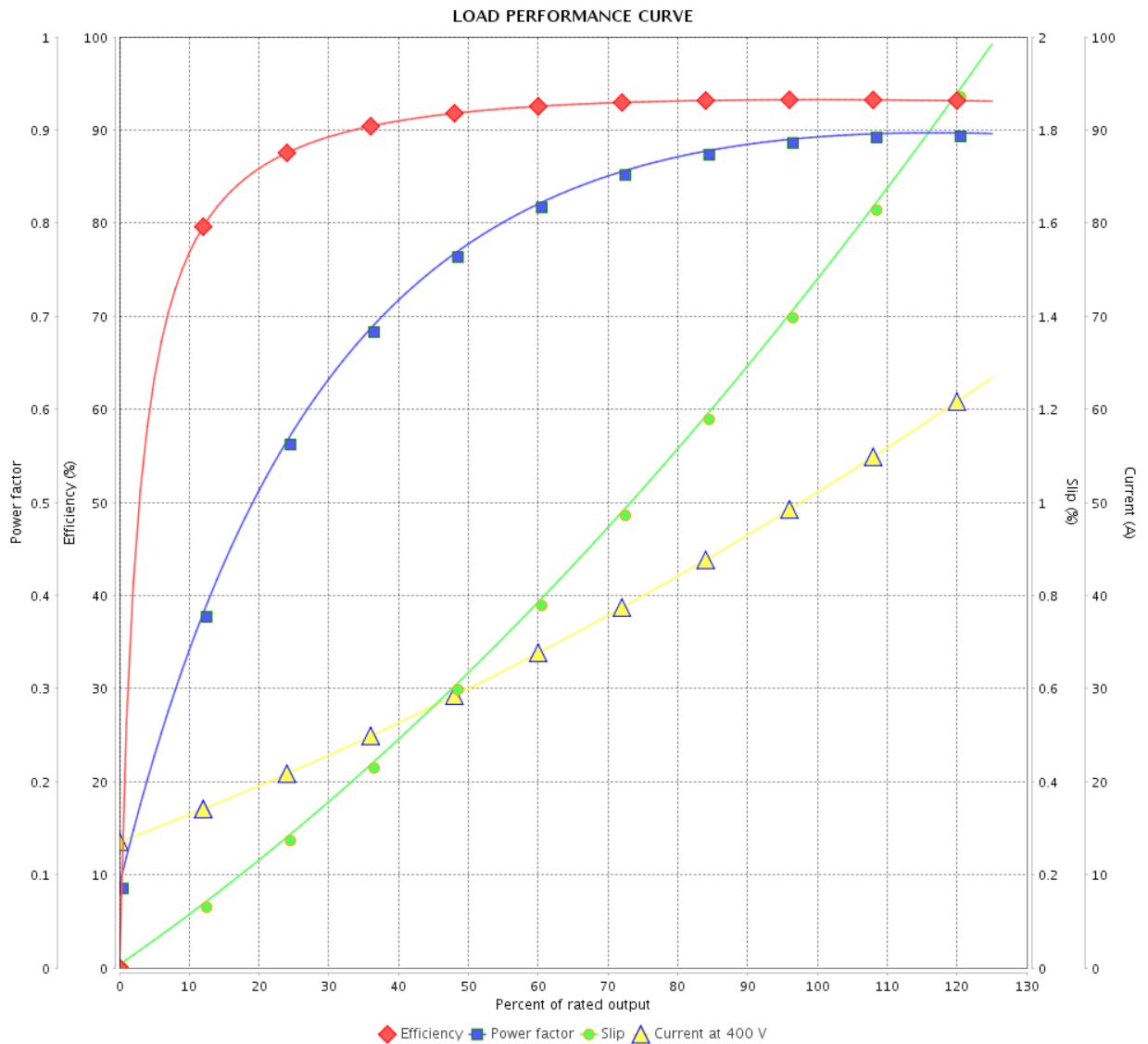


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11440690

Catalog # : 05036ET3E326TSC-W22



Performance : 400 V 50 Hz 2P IE3

Rated current : 52.1 A
 LRC : 6.7
 Rated torque : 71.1 ft.lb
 Locked rotor torque : 260 %
 Breakdown torque : 250 %
 Rated speed : 2955 rpm

Moment of inertia (J) : 5.75 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		11 / 36		
Date		13/04/2022		

LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

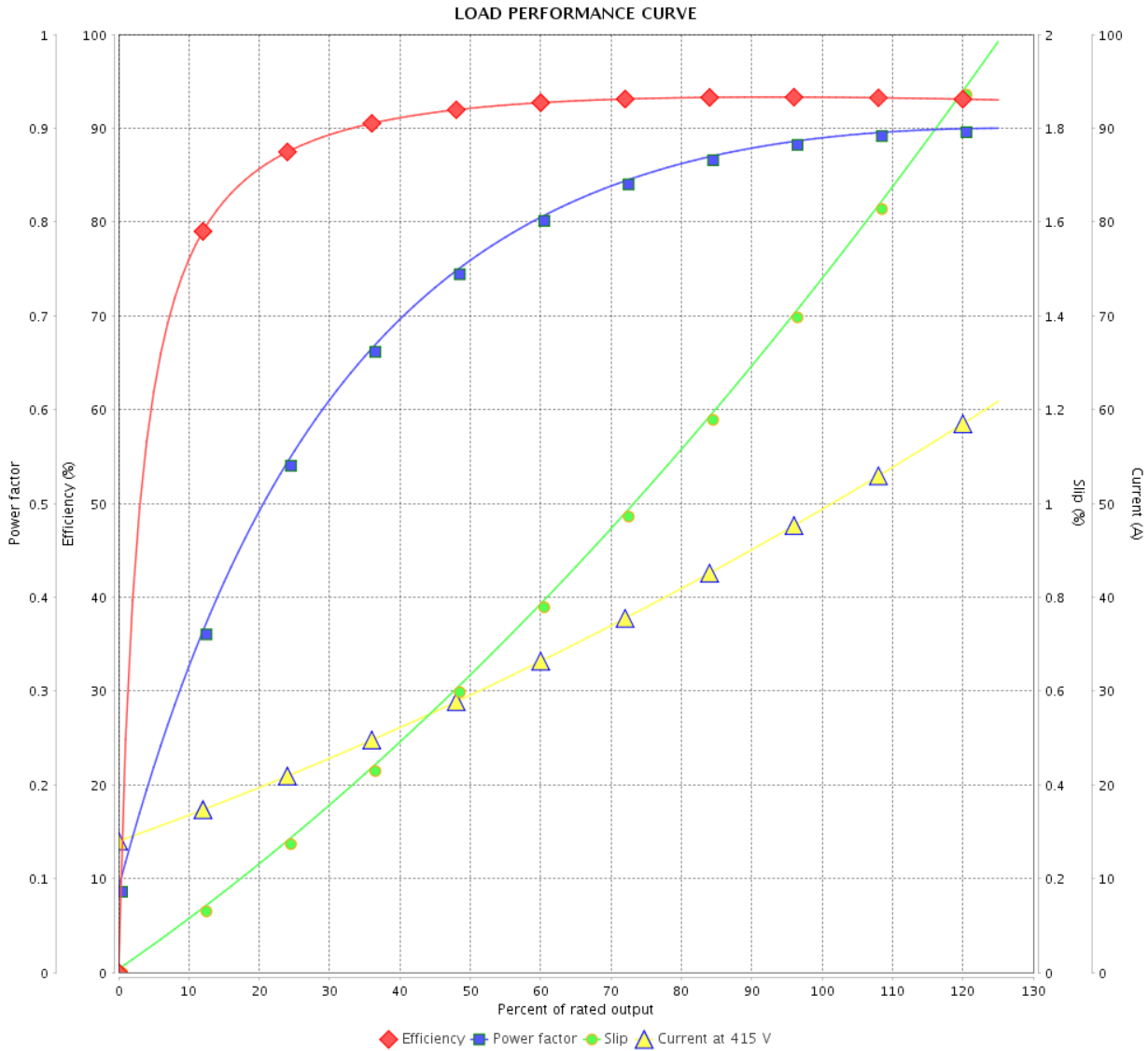


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11440690

Catalog # : 05036ET3E326TSC-W22



Performance : 415 V 50 Hz 2P IE3

Rated current	: 50.3 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 7.2	Duty cycle	: Cont.(S1)
Rated torque	: 71.1 ft.lb	Insulation class	: F
Locked rotor torque	: 280 %	Service factor	: 1.00
Breakdown torque	: 280 %	Temperature rise	: 80 K
Rated speed	: 2955 rpm	Design	: B

Rev.	Changes Summary	Performed	Checked	Date
Performed by			Page	Revision
Checked by			12 / 36	
Date	13/04/2022			

LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

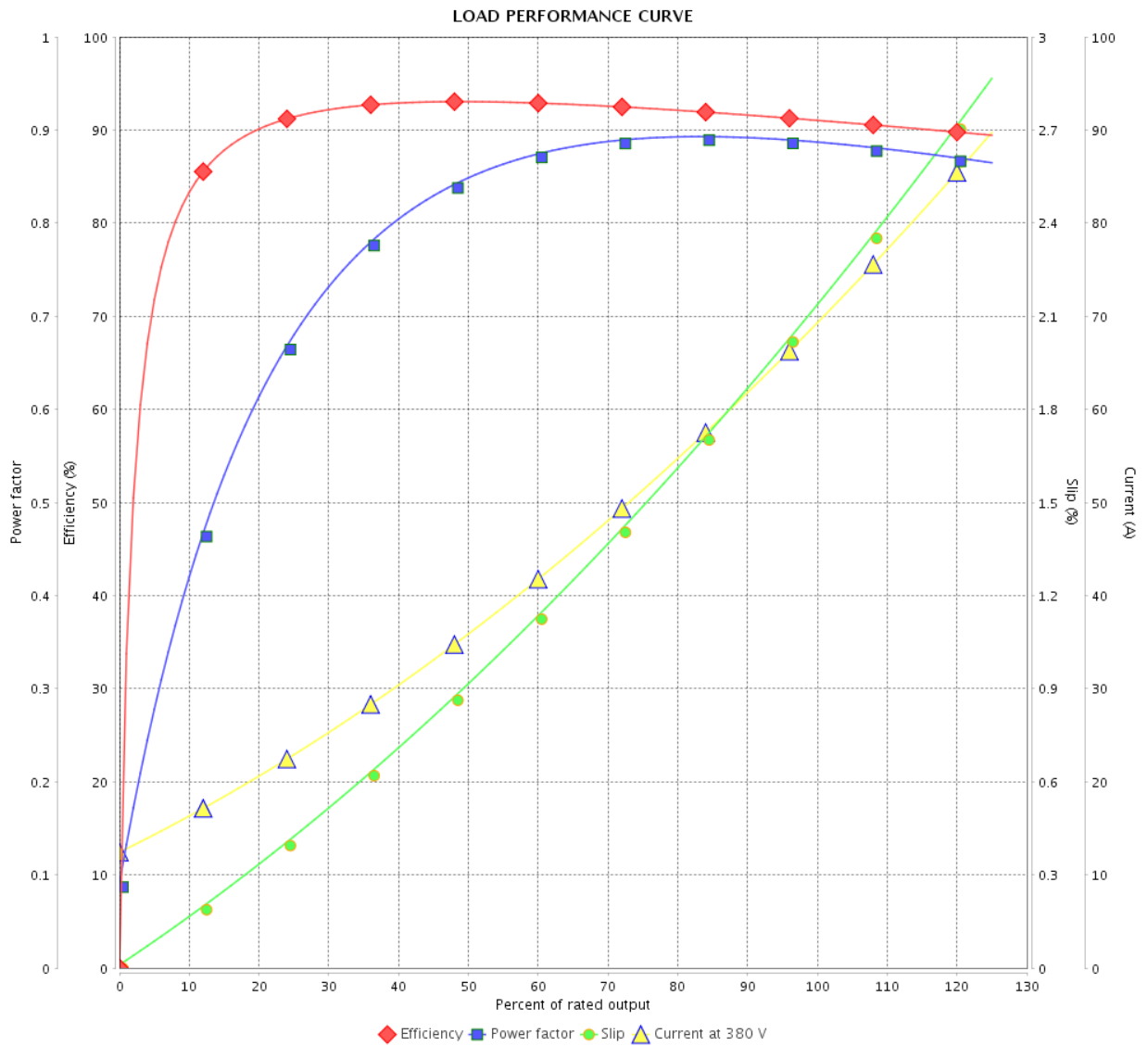


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11440690

Catalog # : 05036ET3E326TSC-W22



Performance : 380 V 50 Hz 2P

Rated current : 69.4 A
 LRC : 4.8
 Rated torque : 89.5 ft.lb
 Locked rotor torque : 190 %
 Breakdown torque : 180 %
 Rated speed : 2935 rpm

Moment of inertia (J) : 5.75 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		13 / 36		
Date		13/04/2022		

LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage



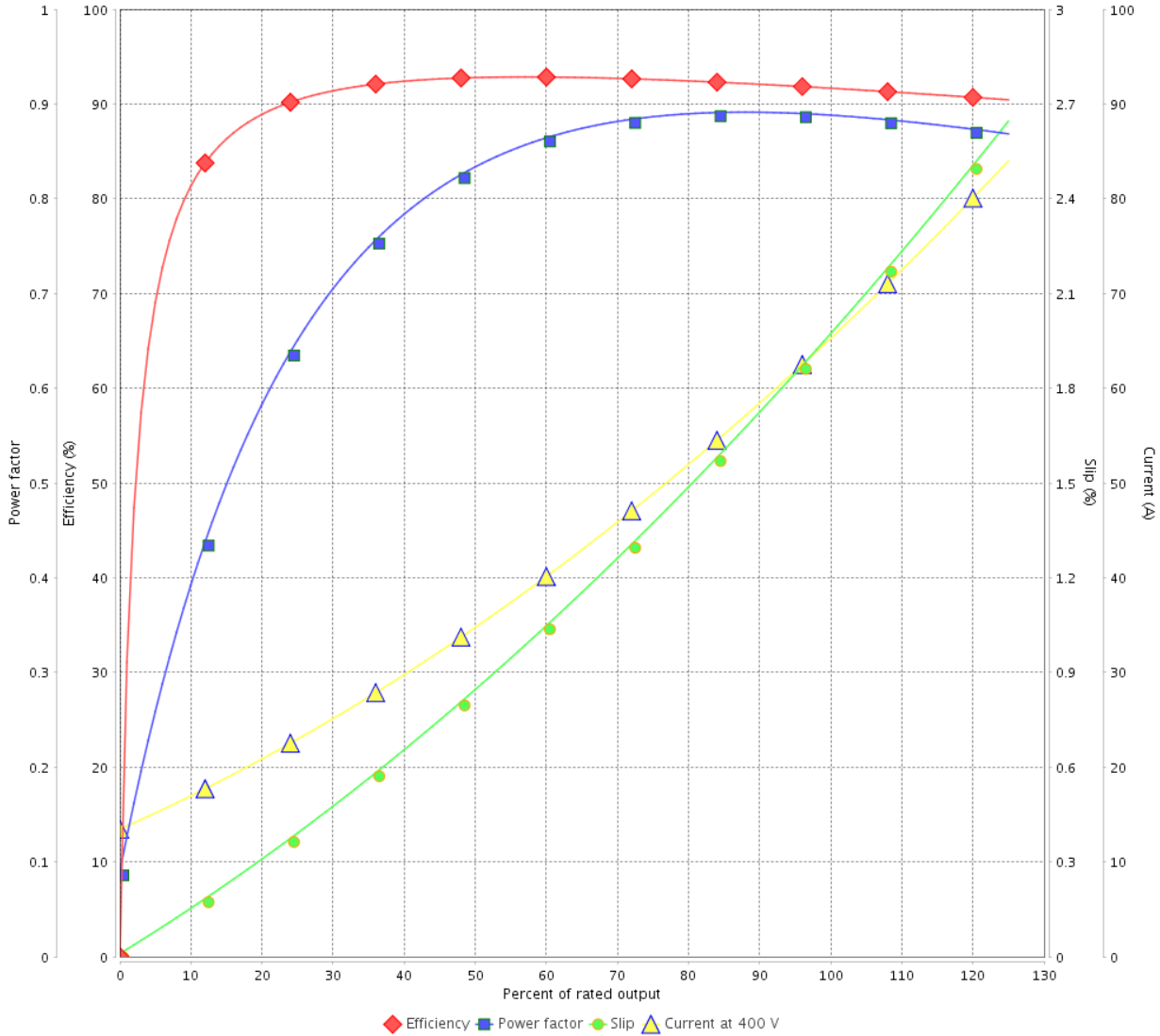
Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11440690

Catalog # : 05036ET3E326TSC-W22

LOAD PERFORMANCE CURVE



Performance : 400 V 50 Hz 2P IE1

Rated current : 65.4 A
 LRC : 5.3
 Rated torque : 89.3 ft.lb
 Locked rotor torque : 210 %
 Breakdown torque : 200 %
 Rated speed : 2940 rpm

Moment of inertia (J) : 5.75 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 14 / 36	Revision
Checked by				
Date	13/04/2022			

LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

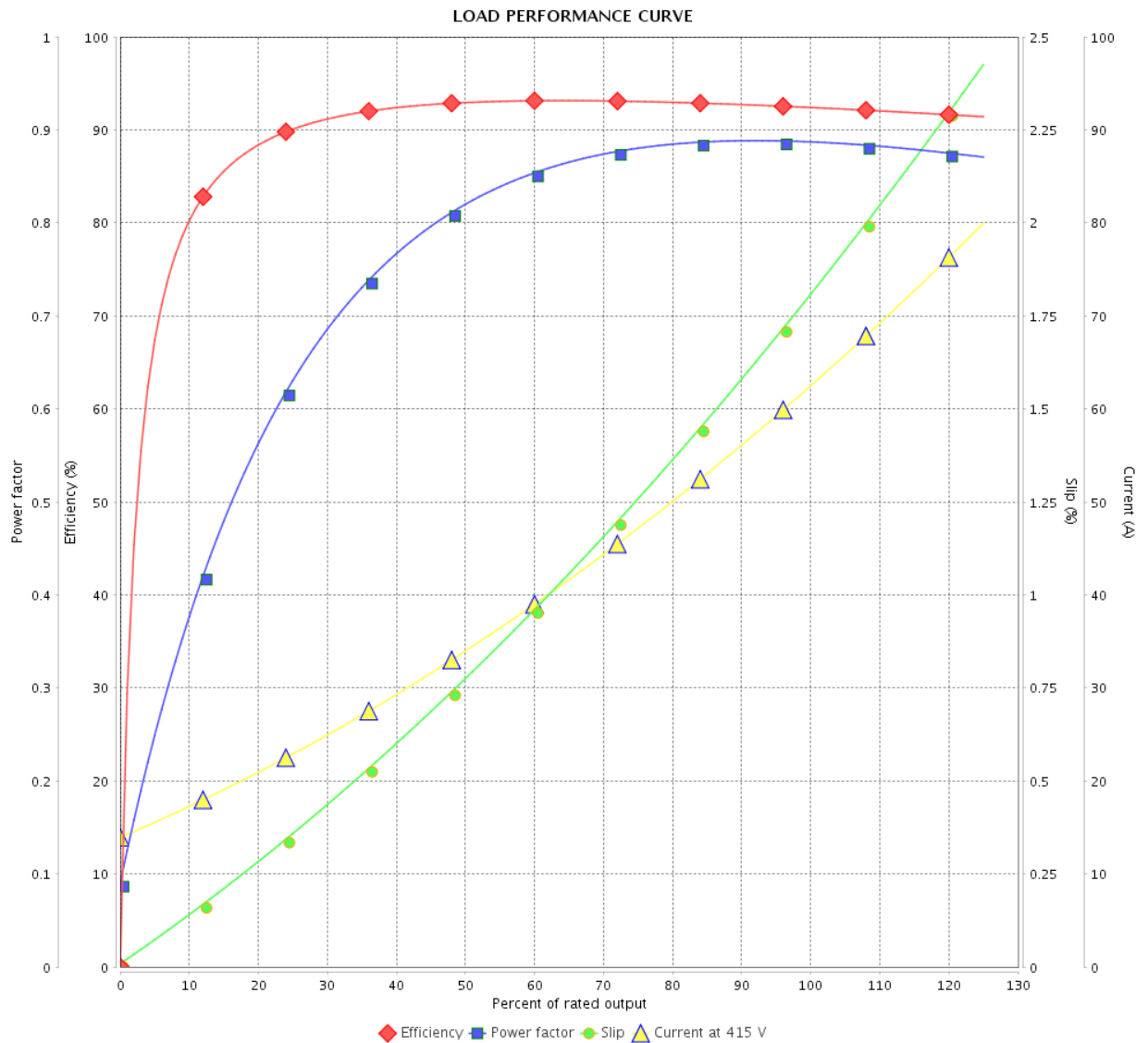


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11440690

Catalog # : 05036ET3E326TSC-W22



Performance : 415 V 50 Hz 2P IE1

Rated current : 62.6 A
 LRC : 5.7
 Rated torque : 89.2 ft.lb
 Locked rotor torque : 229 %
 Breakdown torque : 220 %
 Rated speed : 2945 rpm

Moment of inertia (J) : 5.75 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				
Checked by				
Date				
		Page	Revision	
		15 / 36		

THERMAL LIMIT CURVE



Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase
Product code : 11440690
Catalog # : 05036ET3E326TSC-W22

Performance : 230/460 V 60 Hz 2P

Rated current	: 112/56.1 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 6.2	Duty cycle	: Cont.(S1)
Rated torque	: 74.0 ft.lb	Insulation class	: F
Locked rotor torque	: 240 %	Service factor	: 1.25
Breakdown torque	: 229 %	Temperature rise	: 80 K
Rated speed	: 3550 rpm	Design	: B

Heating constant

Cooling constant

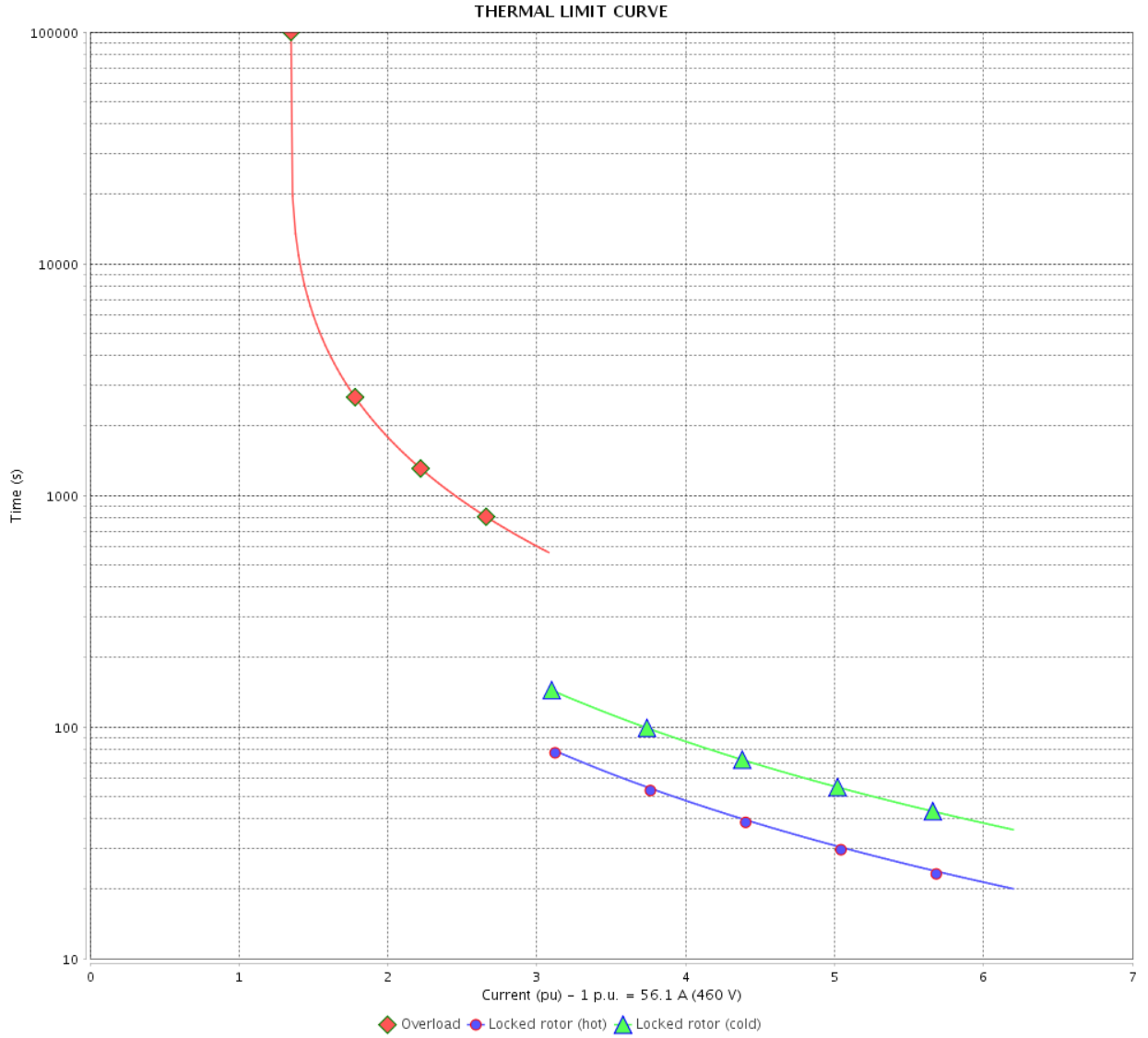
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
Date	13/04/2022		16 / 36	

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____



Rev.	Changes Summary	Performed	Checked	Date
Performed by		Page 17 / 36		Revision
Checked by				
Date				

THERMAL LIMIT CURVE



Three Phase Induction Motor - Squirrel Cage

Customer :

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Product code : 11440690
Catalog # : 05036ET3E326TSC-W22

Performance : 380 V 50 Hz 2P IE2

Rated current	: 55.1 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 6.1	Duty cycle	: Cont.(S1)
Rated torque	: 71.2 ft.lb	Insulation class	: F
Locked rotor torque	: 240 %	Service factor	: 1.00
Breakdown torque	: 229 %	Temperature rise	: 80 K
Rated speed	: 2950 rpm	Design	: B

Heating constant

Cooling constant

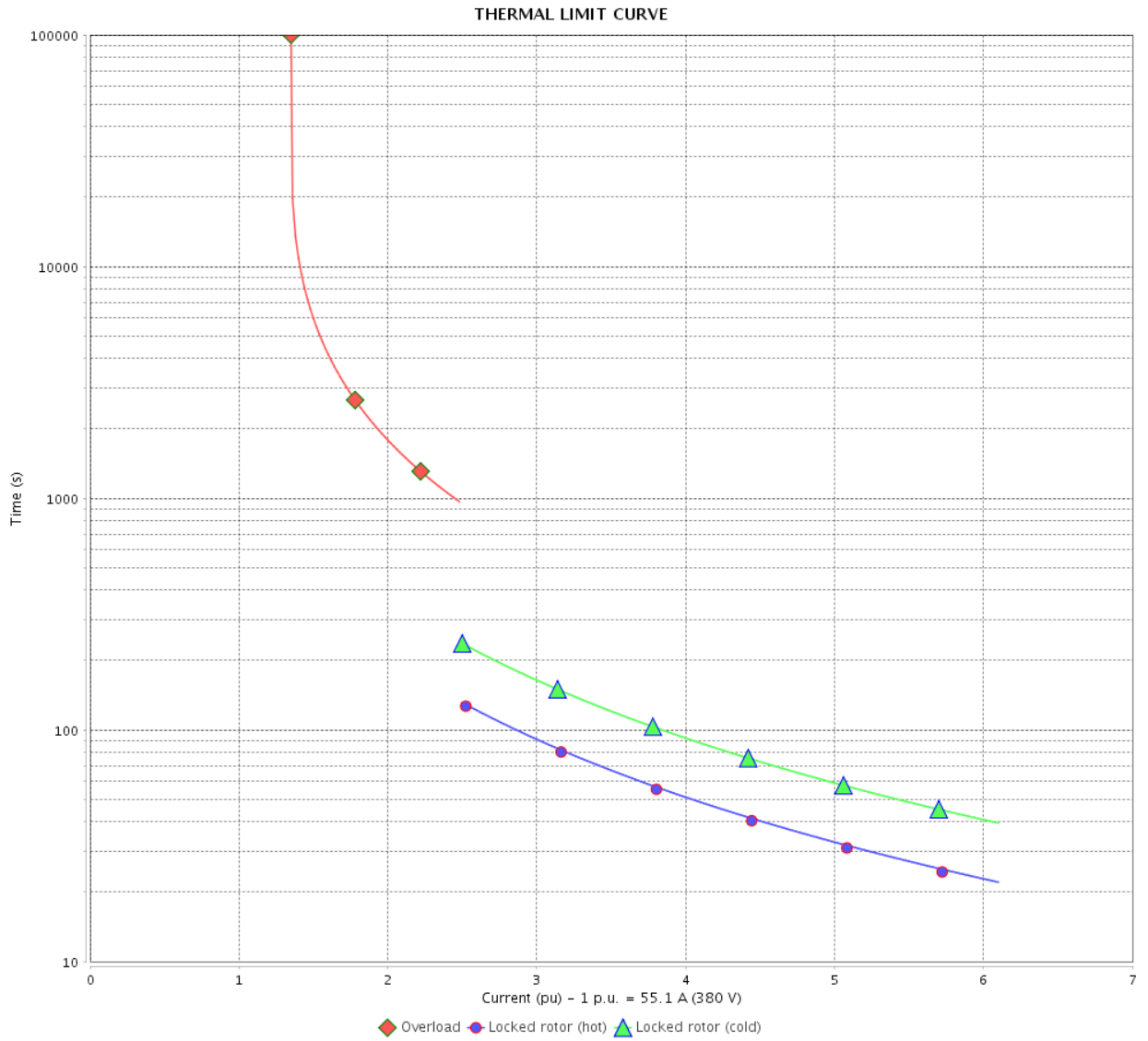
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
Date	13/04/2022		18 / 36	

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____



Rev.	Changes Summary	Performed	Checked	Date
Performed by		Page		Revision
Checked by		19 / 36		
Date		13/04/2022		

THERMAL LIMIT CURVE



Three Phase Induction Motor - Squirrel Cage

Customer :

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Product code : 11440690
Catalog # : 05036ET3E326TSC-W22

Performance : 400 V 50 Hz 2P IE3

Rated current	: 52.1 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 6.7	Duty cycle	: Cont.(S1)
Rated torque	: 71.1 ft.lb	Insulation class	: F
Locked rotor torque	: 260 %	Service factor	: 1.00
Breakdown torque	: 250 %	Temperature rise	: 80 K
Rated speed	: 2955 rpm	Design	: B

Heating constant

Cooling constant

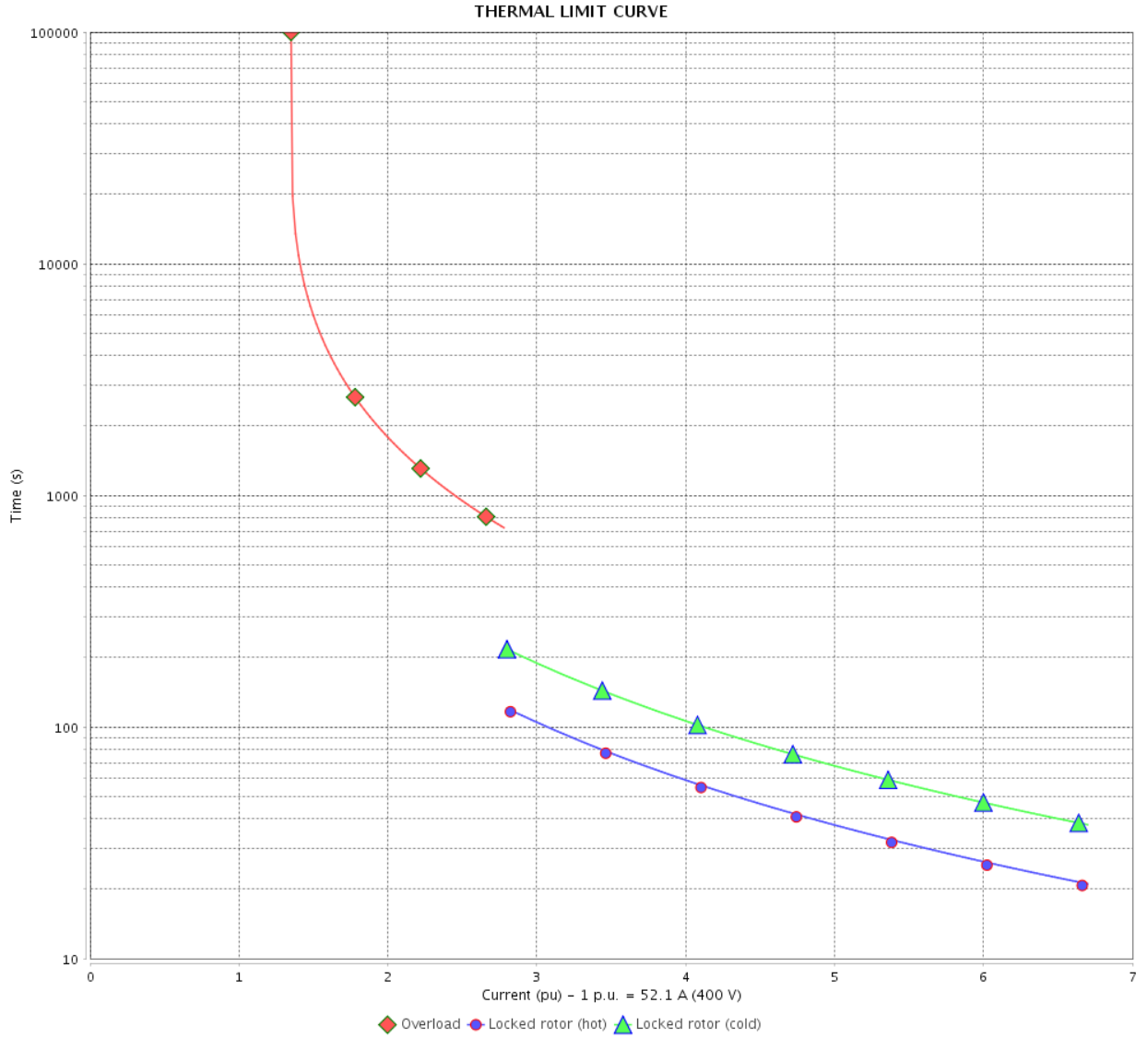
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by				
Date	13/04/2022		Page 20 / 36	Revision

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



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Rev.	Changes Summary	Performed	Checked	Date
Performed by		Page 21 / 36		Revision
Checked by				
Date				

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Three Phase Induction Motor - Squirrel Cage

Customer :

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Product code : 11440690
Catalog # : 05036ET3E326TSC-W22

Performance : 415 V 50 Hz 2P IE3

Rated current	: 50.3 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 7.2	Duty cycle	: Cont.(S1)
Rated torque	: 71.1 ft.lb	Insulation class	: F
Locked rotor torque	: 280 %	Service factor	: 1.00
Breakdown torque	: 280 %	Temperature rise	: 80 K
Rated speed	: 2955 rpm	Design	: B

Heating constant

Cooling constant

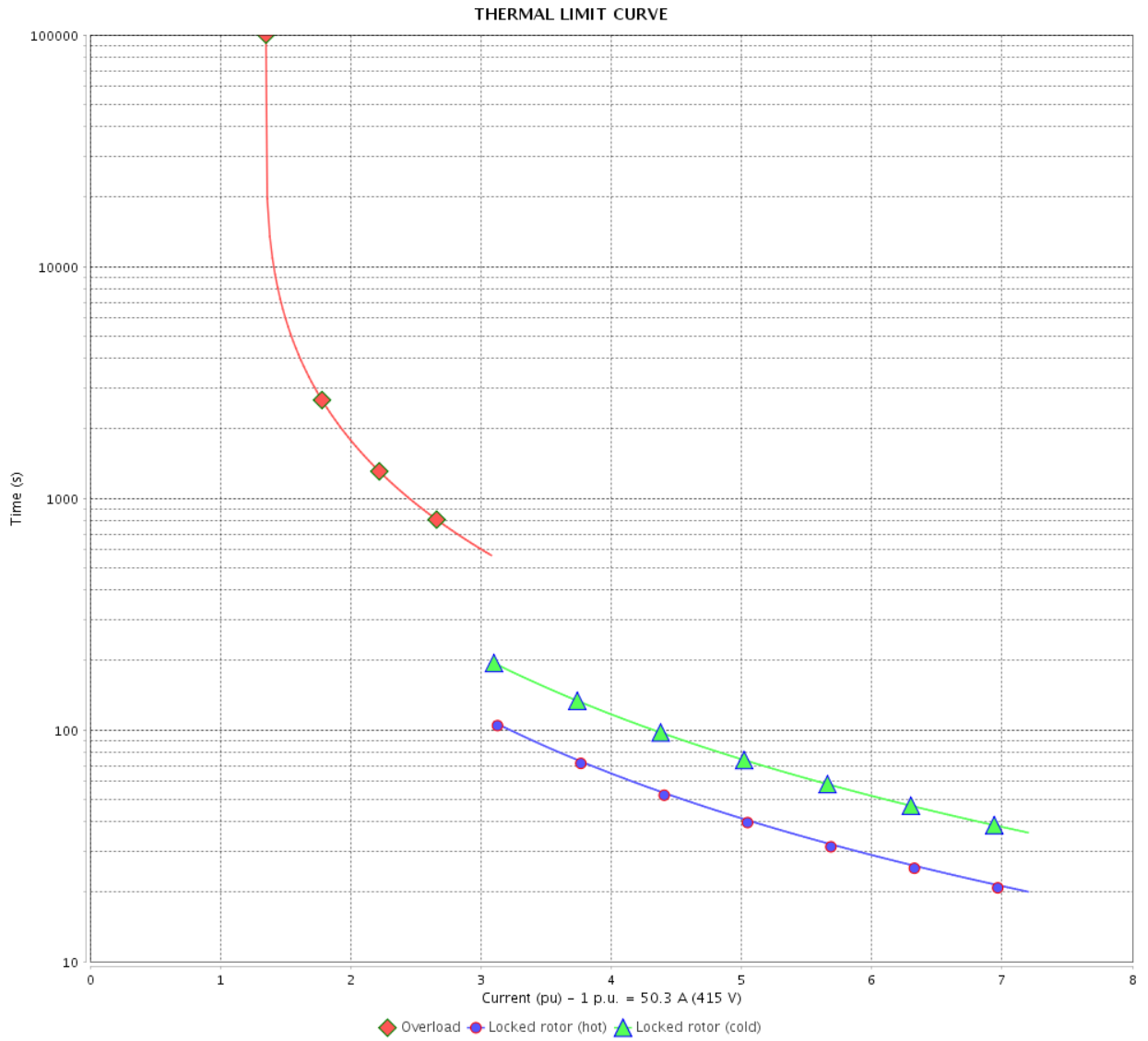
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
Date	13/04/2022		22 / 36	

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____



Rev.	Changes Summary	Performed	Checked	Date
Performed by		Page 23 / 36		Revision
Checked by				
Date				

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Customer :

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Product code : 11440690
Catalog # : 05036ET3E326TSC-W22

Performance : 380 V 50 Hz 2P

Rated current	: 69.4 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 4.8	Duty cycle	: Cont.(S1)
Rated torque	: 89.5 ft.lb	Insulation class	: F
Locked rotor torque	: 190 %	Service factor	: 1.00
Breakdown torque	: 180 %	Temperature rise	: 105 K
Rated speed	: 2935 rpm	Design	: B

Heating constant

Cooling constant

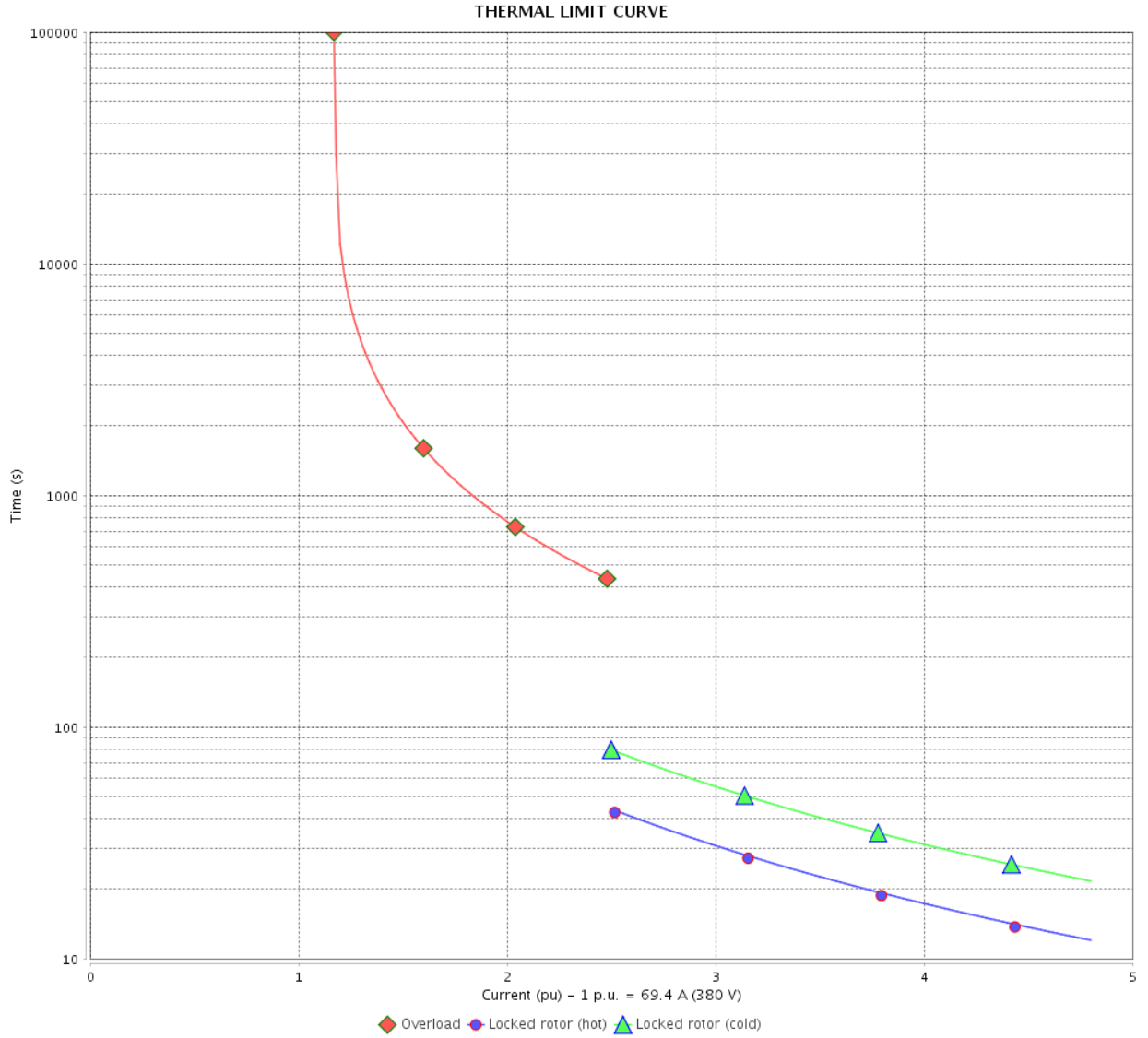
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
Date	13/04/2022		24 / 36	

THERMAL LIMIT CURVE

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Rev.	Changes Summary	Performed	Checked	Date
Performed by		Page		Revision
Checked by		25 / 36		
Date		13/04/2022		

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Customer :

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Product code : 11440690
Catalog # : 05036ET3E326TSC-W22

Performance : 400 V 50 Hz 2P IE1

Rated current	: 65.4 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 5.3	Duty cycle	: Cont.(S1)
Rated torque	: 89.3 ft.lb	Insulation class	: F
Locked rotor torque	: 210 %	Service factor	: 1.00
Breakdown torque	: 200 %	Temperature rise	: 105 K
Rated speed	: 2940 rpm	Design	: B

Heating constant

Cooling constant

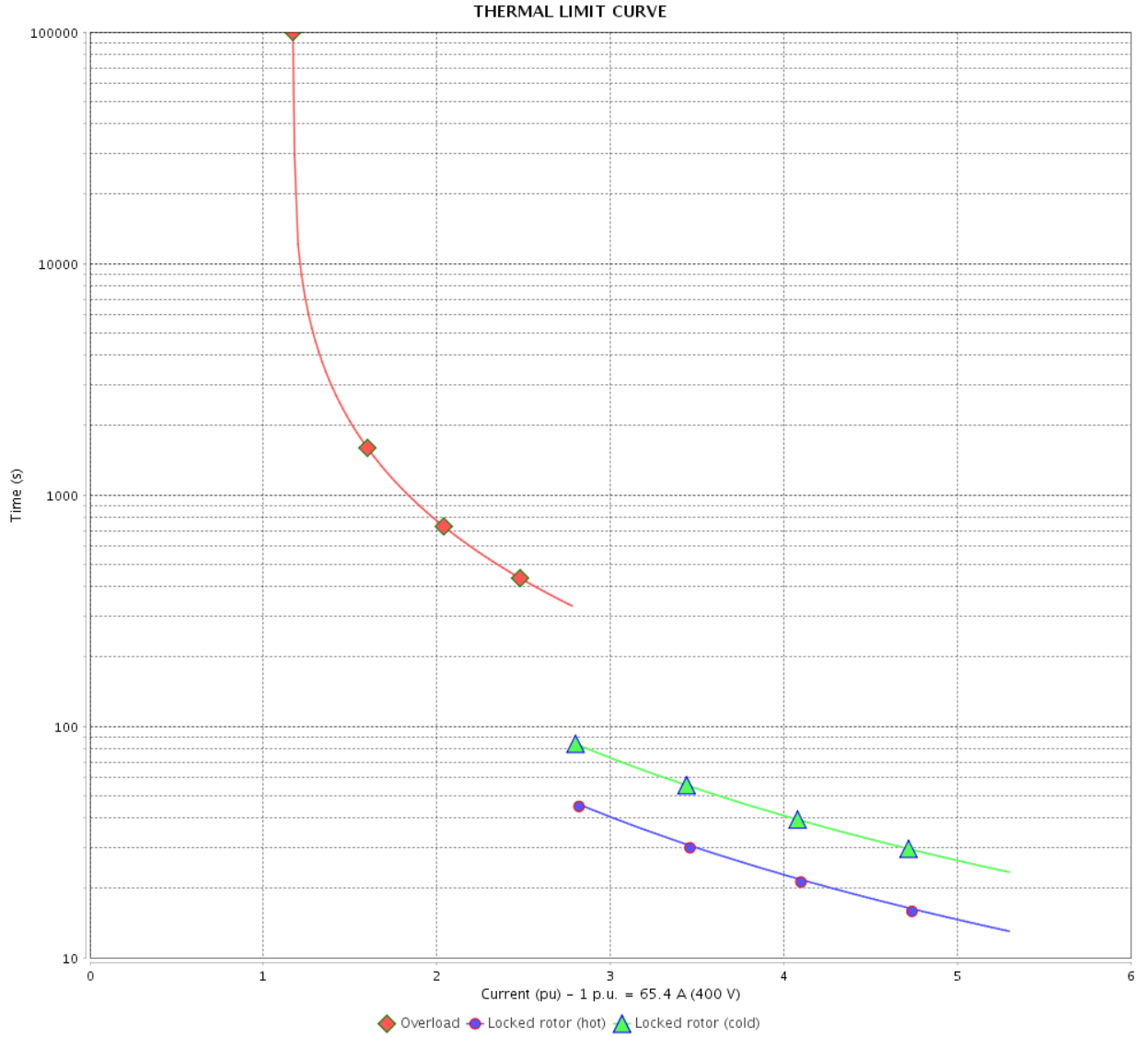
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
Date	13/04/2022		26 / 36	

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____



Rev.	Changes Summary	Performed	Checked	Date
Performed by		Page		Revision
Checked by		27 / 36		
Date		13/04/2022		

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase
Product code : 11440690
Catalog # : 05036ET3E326TSC-W22

Performance : 415 V 50 Hz 2P IE1

Rated current	: 62.6 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 5.7	Duty cycle	: Cont.(S1)
Rated torque	: 89.2 ft.lb	Insulation class	: F
Locked rotor torque	: 229 %	Service factor	: 1.00
Breakdown torque	: 220 %	Temperature rise	: 105 K
Rated speed	: 2945 rpm	Design	: B

Heating constant

Cooling constant

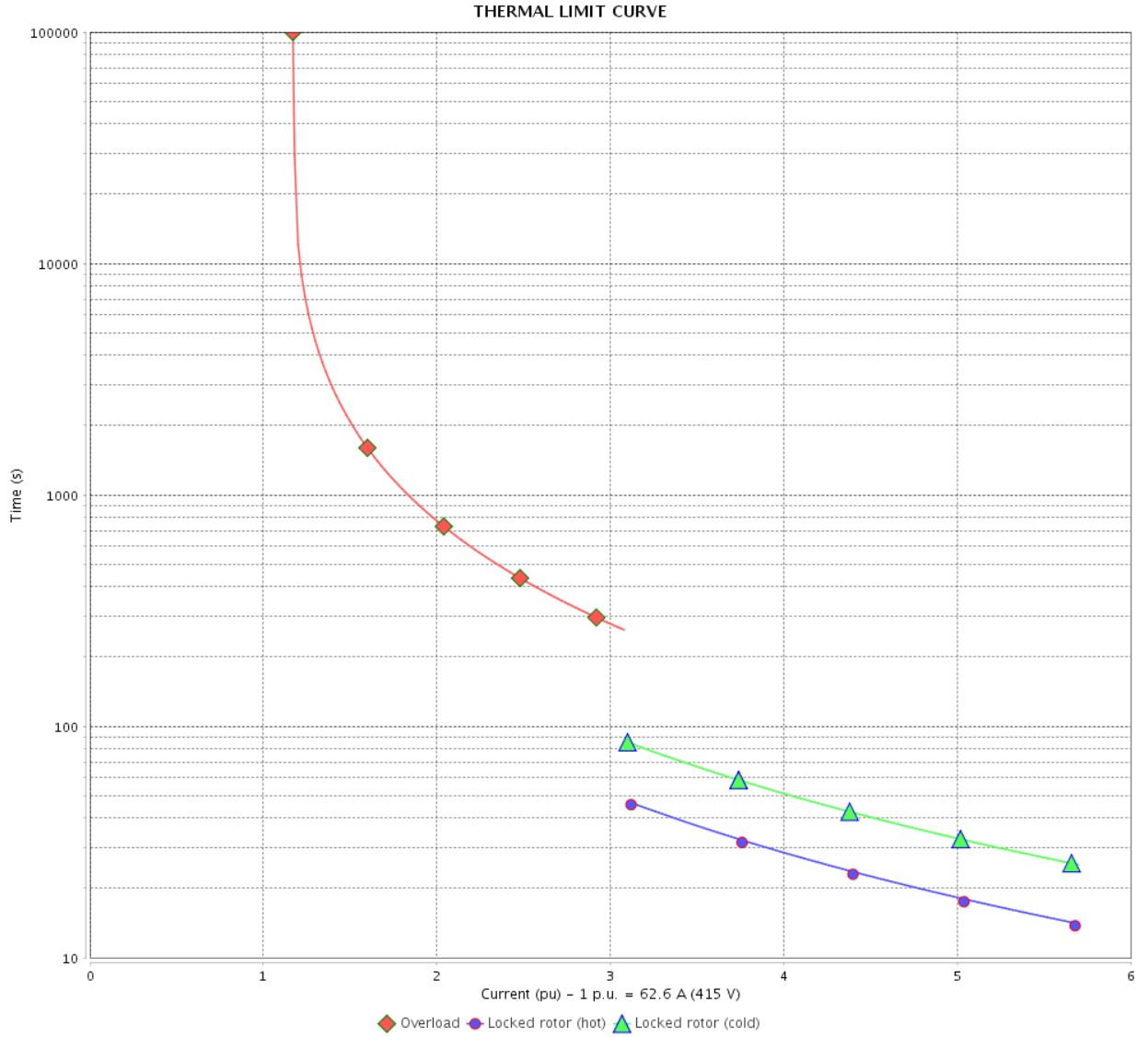
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Checked by			Page	Revision
Date	13/04/2022		28 / 36	

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____



Rev.	Changes Summary	Performed	Checked	Date
Performed by		Page 29 / 36		Revision
Checked by				
Date				

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



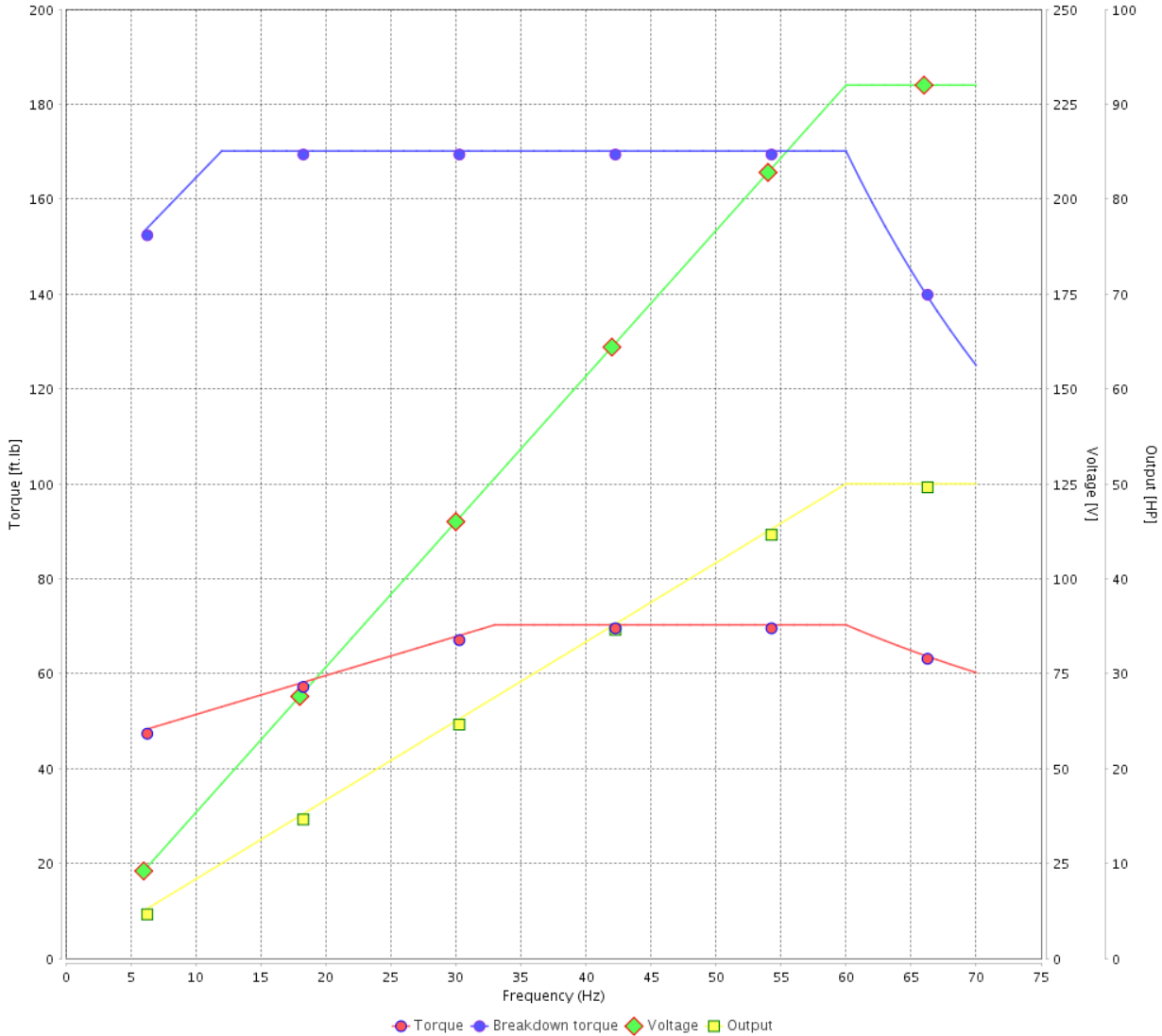
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11440690

Catalog # : 05036ET3E326TSC-W22

VFD OPERATION CURVE



Performance : 230/460 V 60 Hz 2P

Rated current : 112/56.1 A
 LRC : 6.2
 Rated torque : 74.0 ft.lb
 Locked rotor torque : 240 %
 Breakdown torque : 229 %
 Rated speed : 3550 rpm

Moment of inertia (J) : 5.75 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.25
 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

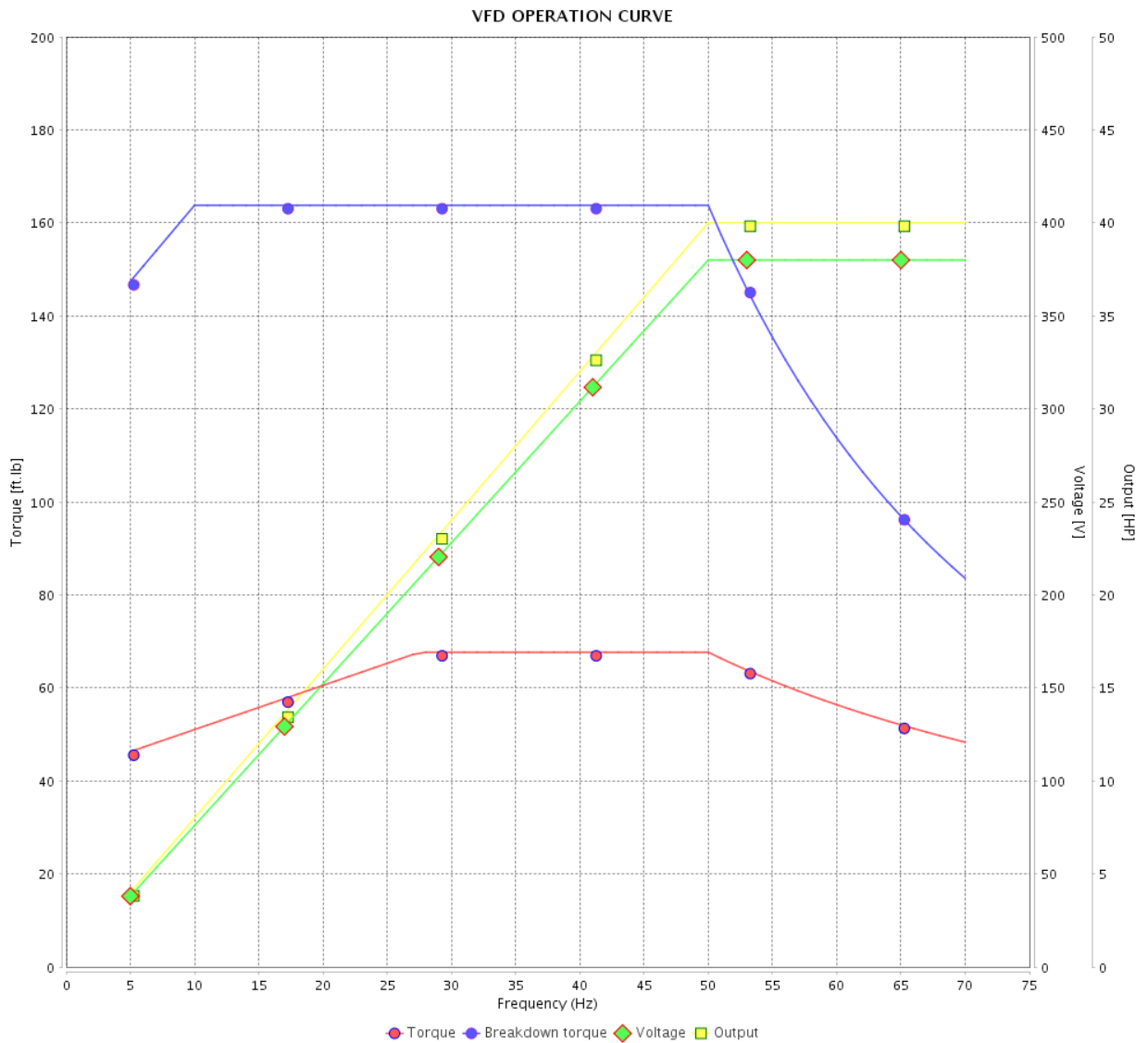


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11440690

Catalog # : 05036ET3E326TSC-W22



Performance : 380 V 50 Hz 2P IE2

Rated current : 55.1 A
 LRC : 6.1
 Rated torque : 71.2 ft.lb
 Locked rotor torque : 240 %
 Breakdown torque : 229 %
 Rated speed : 2950 rpm

Moment of inertia (J) : 5.75 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		31 / 36		
Date		13/04/2022		

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



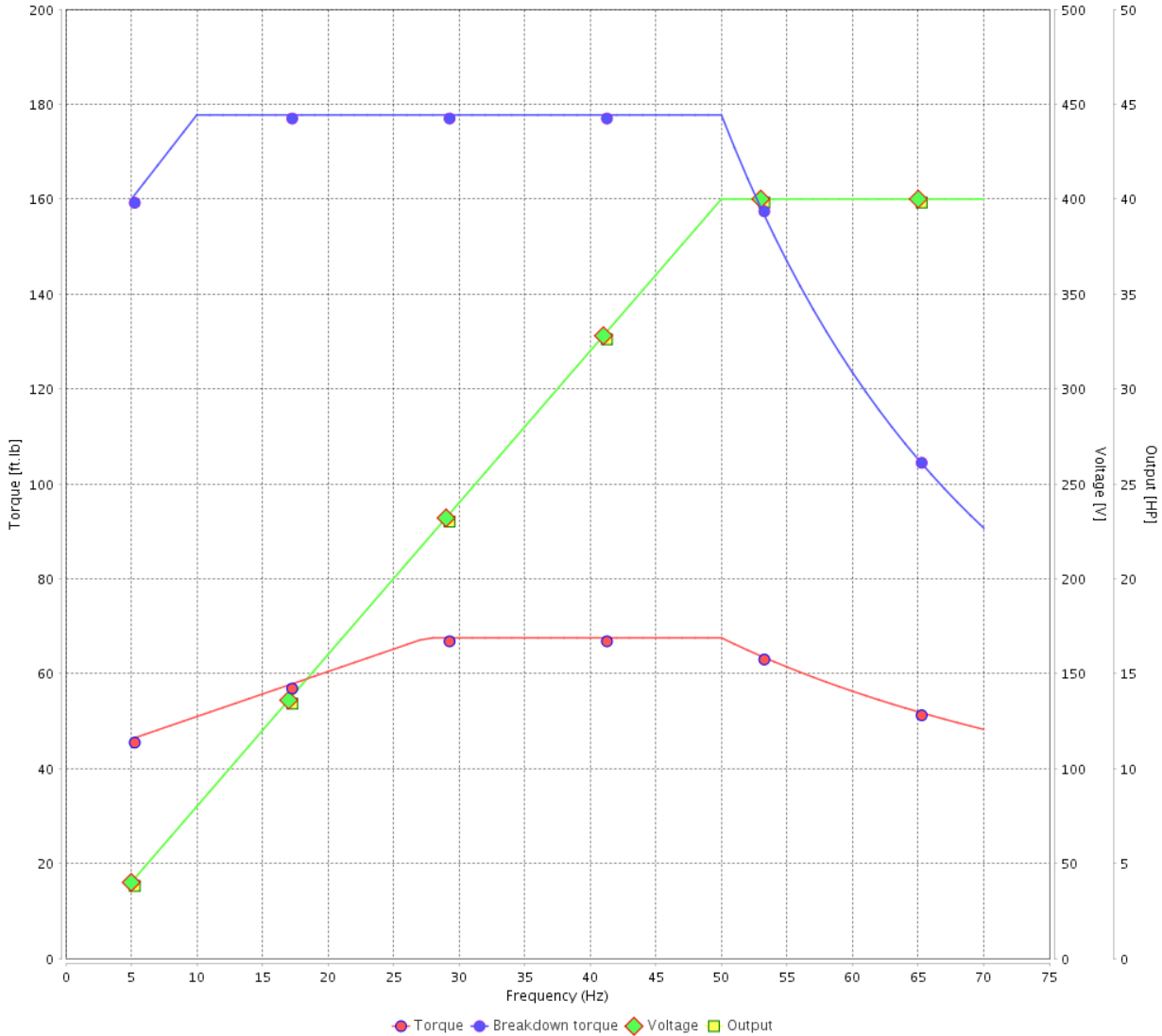
Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11440690

Catalog # : 05036ET3E326TSC-W22

VFD OPERATION CURVE



Performance : 400 V 50 Hz 2P IE3

Rated current	: 52.1 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 6.7	Duty cycle	: Cont.(S1)
Rated torque	: 71.1 ft.lb	Insulation class	: F
Locked rotor torque	: 260 %	Service factor	: 1.00
Breakdown torque	: 250 %	Temperature rise	: 80 K
Rated speed	: 2955 rpm	Design	: B

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

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

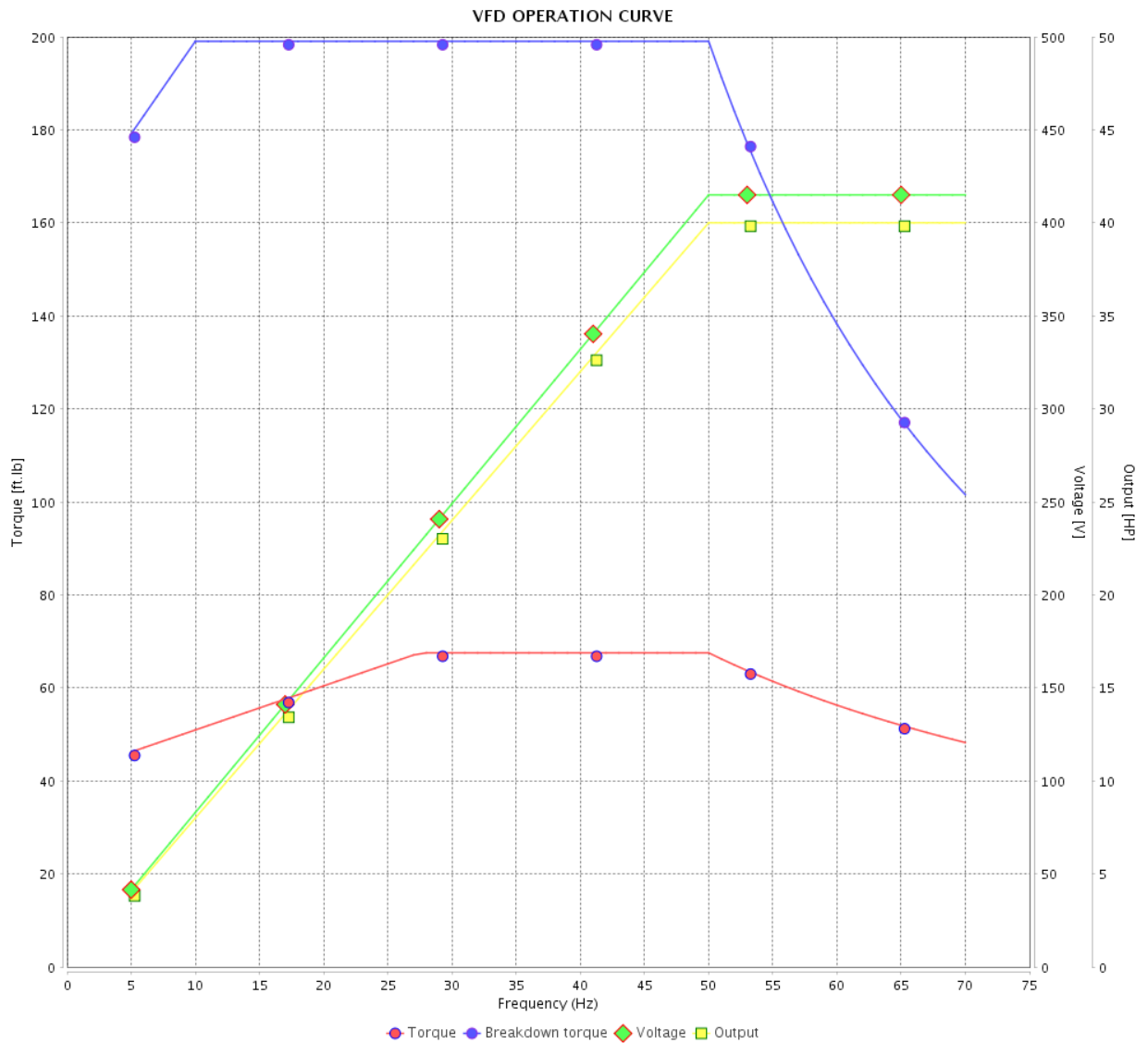


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11440690

Catalog # : 05036ET3E326TSC-W22



Performance : 415 V 50 Hz 2P IE3

Rated current : 50.3 A
 LRC : 7.2
 Rated torque : 71.1 ft.lb
 Locked rotor torque : 280 %
 Breakdown torque : 280 %
 Rated speed : 2955 rpm

Moment of inertia (J) : 5.75 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		33 / 36		
Date		13/04/2022		

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



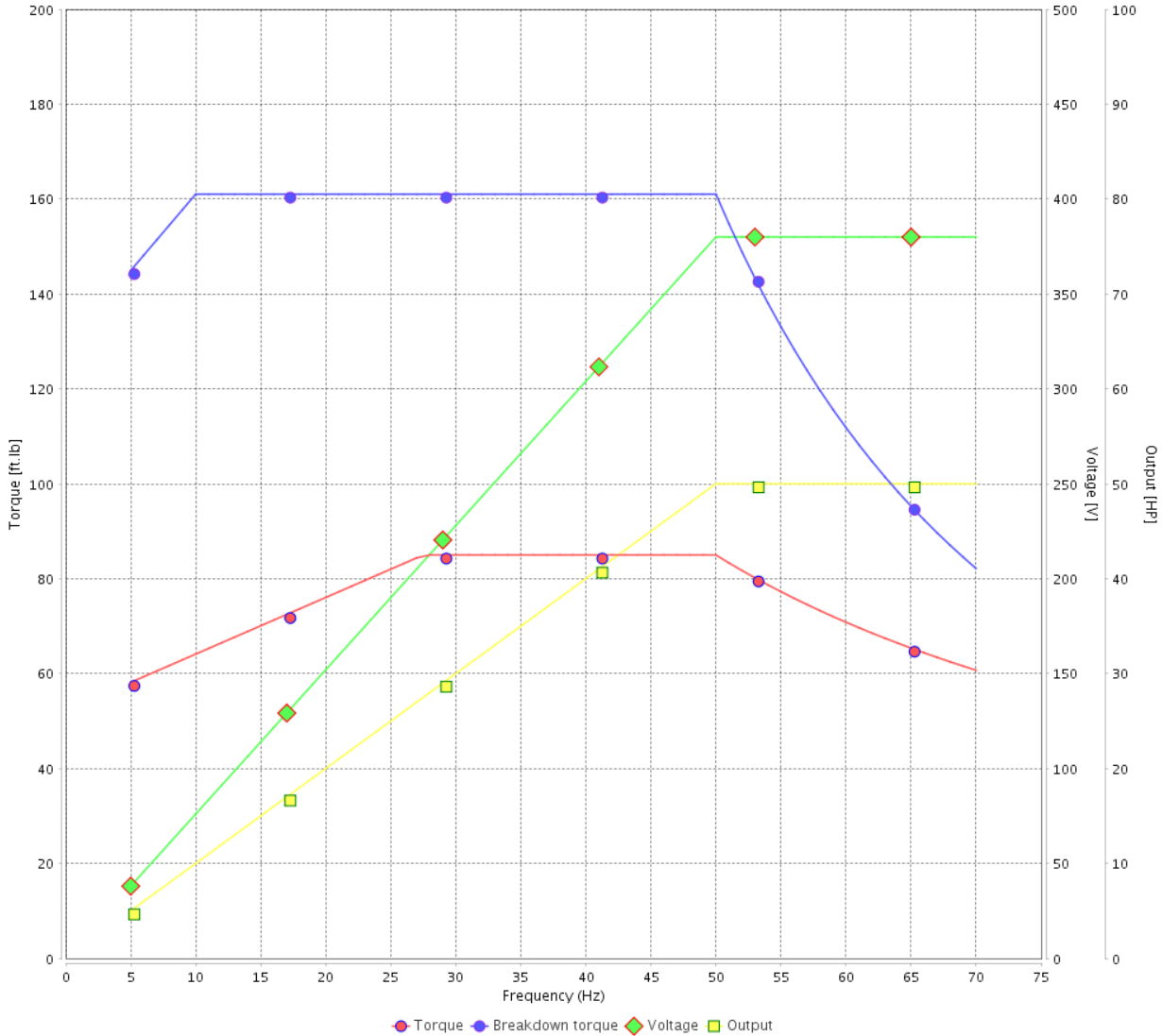
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11440690

Catalog # : 05036ET3E326TSC-W22

VFD OPERATION CURVE



Performance : 380 V 50 Hz 2P

Rated current : 69.4 A
 LRC : 4.8
 Rated torque : 89.5 ft.lb
 Locked rotor torque : 190 %
 Breakdown torque : 180 %
 Rated speed : 2935 rpm

Moment of inertia (J) : 5.75 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
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Date				

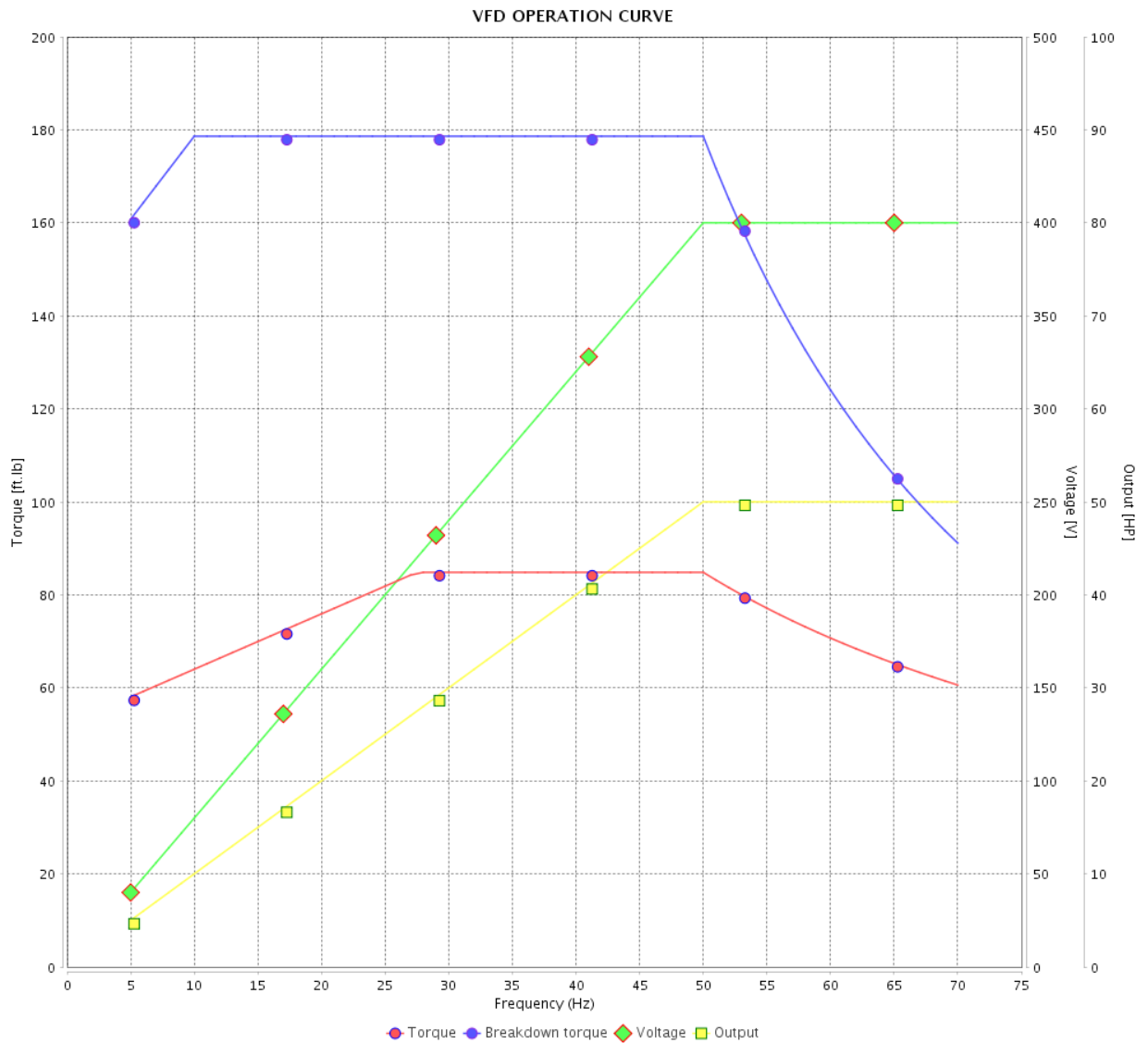
VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase
 Product code : 11440690
 Catalog # : 05036ET3E326TSC-W22



Performance : 400 V 50 Hz 2P IE1

Rated current : 65.4 A
 LRC : 5.3
 Rated torque : 89.3 ft.lb
 Locked rotor torque : 210 %
 Breakdown torque : 200 %
 Rated speed : 2940 rpm

Moment of inertia (J) : 5.75 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		35 / 36		
Date		13/04/2022		

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

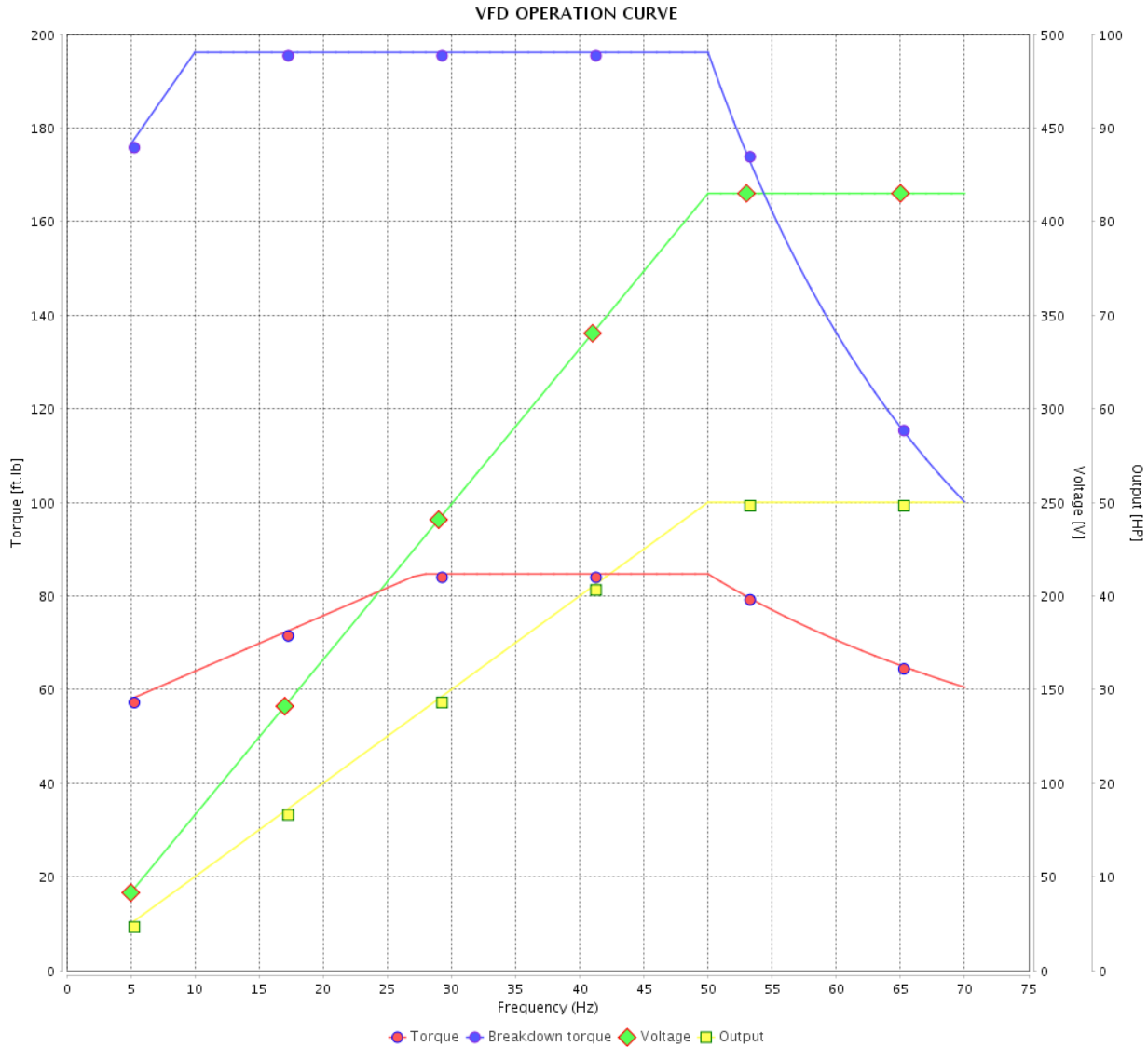


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11440690

Catalog # : 05036ET3E326TSC-W22



Performance : 415 V 50 Hz 2P IE1

Rated current : 62.6 A
 LRC : 5.7
 Rated torque : 89.2 ft.lb
 Locked rotor torque : 229 %
 Breakdown torque : 220 %
 Rated speed : 2945 rpm

Moment of inertia (J) : 5.75 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 105 K
 Design : B

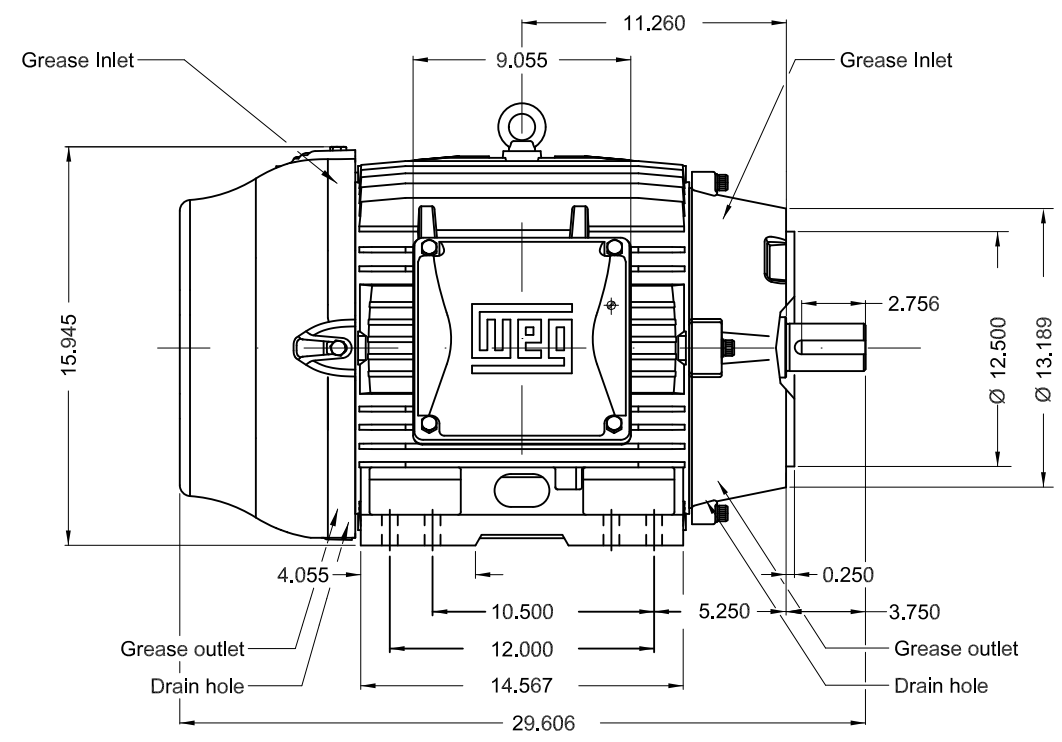
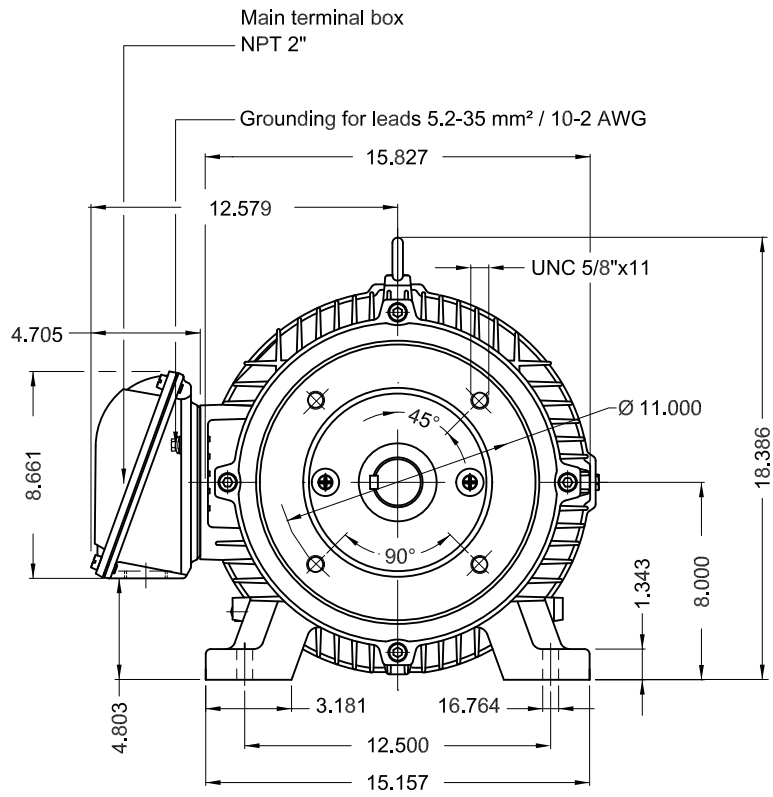
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Checked by				
Date				

1 2 3 4 5 6

A

B

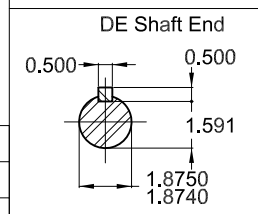
C



D

E

Color RAL 5009
 Painting plan 203A
 Mounting B34R(D)



50 HP 02 Poles 60 Hz A

ECM	LOC	SUMMARY OF MODIFICATIONS	EXECUTED	CHECKED	RELEASED	DATE	VER
EXECUTED	PIRWBUSER	THREE PH. MOTOR W22 PREM. EFF.					
CHECKED		FRAME 324/6TSC IP55 TEFC					
RELEASED							
REL DT.	WMO	Jaragua do Sul	Product Engineering	SHEET	1 / 1		

PREVIEW
WDD





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 05036ET3E326TSC-W22

Inverter Duty Motor
Severe Duty

PH3 60Hz Fr. 324/6TSC 1000m.a.s.l. IP55 TEFC 591lb

V 230/460

A 112/56.1

HP 50

kW 37

SF 1.25

SFA 140/70.1

RPM 3560

PF 0.89

AMB 40°C

INS cl. F DT80K

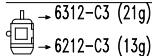
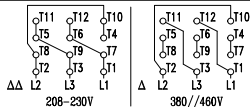
NEMA NOM EFF 93.0%

DUTY CONT.

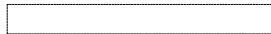
DES B Code G

USABLE @208V 124A SF 1.10 SFA 136

50HP 37kW 50Hz 380V 69.4A 2935RPM SF 1.00 EFF 91.0%



MOBIL POLYREX EM (12000h)



MADE IN BRAZIL
11440690