

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :							
Product line		: NEMA Premium Efficiency Three-Phase			Product code :		11431671
				Catalog # :		06036ST3QIE364TS-W22	
Frame : 364/5TS Insulation class : F Duty cycle : Cont.(S1) Ambient temperature : -20°C to +40°C Altitude : 1000 m.a.s.l. Protection degree : IP55 Design : B				Cooling method : IC411 - TEFC Mounting : F-1 Rotation ¹ : Both (CW and CCW) Starting method : Direct On Line Approx. weight ² : 863 lb Moment of inertia (J) : 10.6 sq.ft.lb			
Output [HP]	60	50	50	50	60	60	60
Poles	2	2	2	2	2	2	2
Frequency [Hz]	60	50	50	50	50	50	50
Rated voltage [V]	460	380	400	415	380	400	415
Rated current [A]	67.0	66.6	63.7	62.1	81.3	77.6	74.8
L. R. Amperes [A]	429	406	433	447	407	435	449
LRC [A]	6.4x(Code G)	6.1x(Code F)	6.8x(Code G)	7.2x(Code H)	5.0x(Code D)	5.6x(Code F)	6.0x(Code F)
No load current [A]	15.0	15.0	16.2	17.4	15.0	16.2	17.4
Rated speed [RPM]	3550	2945	2950	2955	2935	2940	2945
Slip [%]	1.39	1.83	1.67	1.50	2.17	2.00	1.83
Rated torque [ft.lb]	88.8	89.2	89.0	88.9	107	107	107
Locked rotor torque [%]	190	180	210	220	150	170	180
Breakdown torque [%]	250	240	270	290	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	25s (cold)	21s (cold)	21s (cold)	21s (cold)	21s (cold)	21s (cold)	21s (cold)
	14s (hot)	12s (hot)	12s (hot)	12s (hot)	12s (hot)	12s (hot)	12s (hot)
Noise level ²	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%	91.7	92.1	91.7	91.6	92.4	92.4
	75%	93.0	92.8	92.8	92.9	93.0	93.0
	100%	93.6	92.8	93.1	93.1	92.4	93.0
Power Factor	25%						
	50%	0.81	0.81	0.79	0.76	0.85	0.83
	75%	0.88	0.88	0.87	0.85	0.90	0.89
	100%	0.90	0.91	0.90	0.89	0.91	0.90
Bearing type		Drive end : 6314 C3	Non drive end : 6314 C3	Foundation loads			
Sealing		Inpro/Seal	Inpro/Seal	Max. traction		: 447 lb	
Lubrication interval		4000 h	4000 h	Max. compression		: 1310 lb	
Lubricant amount		27 g	27 g				
Lubricant type		Mobil Polyrex EM					
Notes							
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



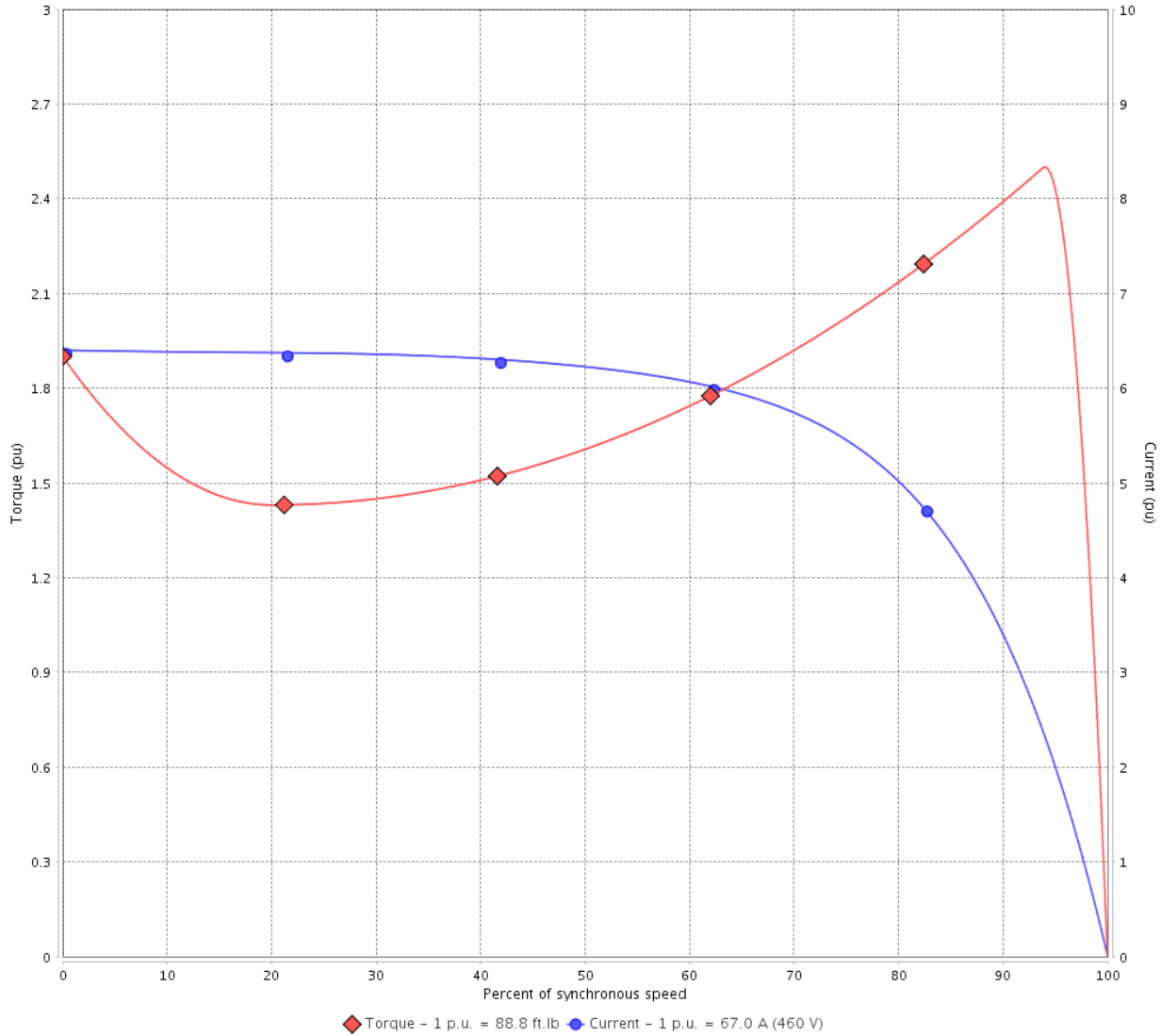
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11431671

Catalog # : 06036ST3QIE364TS-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 460 V 60 Hz 2P

Rated current	: 67.0 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 6.4	Duty cycle	: Cont.(S1)
Rated torque	: 88.8 ft.lb	Insulation class	: F
Locked rotor torque	: 190 %	Service factor	: 1.25
Breakdown torque	: 250 %	Temperature rise	: 80 K
Rated speed	: 3550 rpm	Design	: B

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

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TORQUE AND CURRENT VS SPEED CURVE



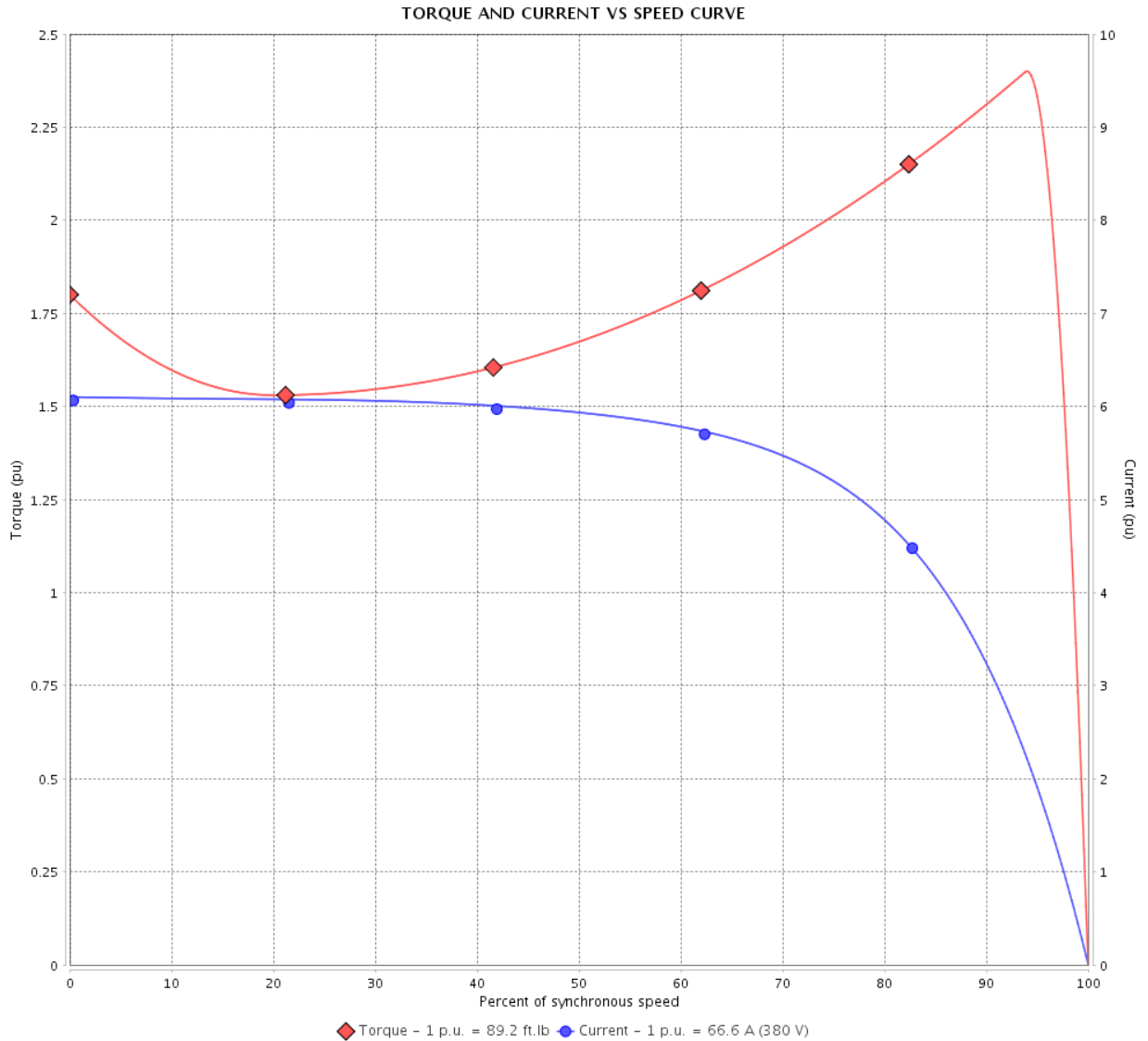
Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11431671

Catalog # : 06036ST3QIE364TS-W22



Performance : 380 V 50 Hz 2P IE2

Rated current	: 66.6 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 6.1	Duty cycle	: Cont.(S1)
Rated torque	: 89.2 ft.lb	Insulation class	: F
Locked rotor torque	: 180 %	Service factor	: 1.00
Breakdown torque	: 240 %	Temperature rise	: 80 K
Rated speed	: 2945 rpm	Design	: B

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

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



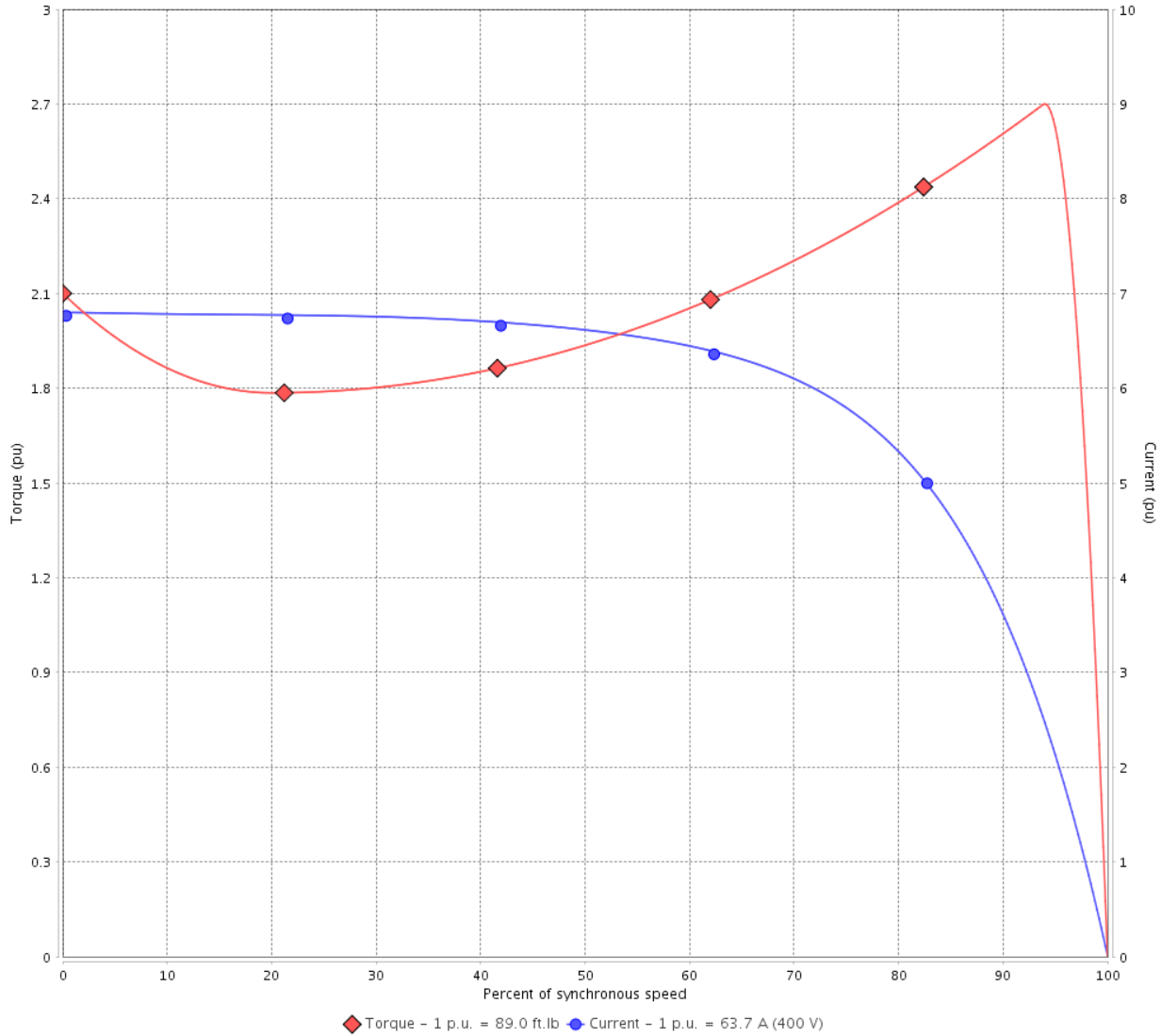
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11431671

Catalog # : 06036ST3QIE364TS-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 400 V 50 Hz 2P IE2

Rated current	: 63.7 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 6.8	Duty cycle	: Cont.(S1)
Rated torque	: 89.0 ft.lb	Insulation class	: F
Locked rotor torque	: 210 %	Service factor	: 1.00
Breakdown torque	: 270 %	Temperature rise	: 80 K
Rated speed	: 2950 rpm	Design	: B

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

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TORQUE AND CURRENT VS SPEED CURVE



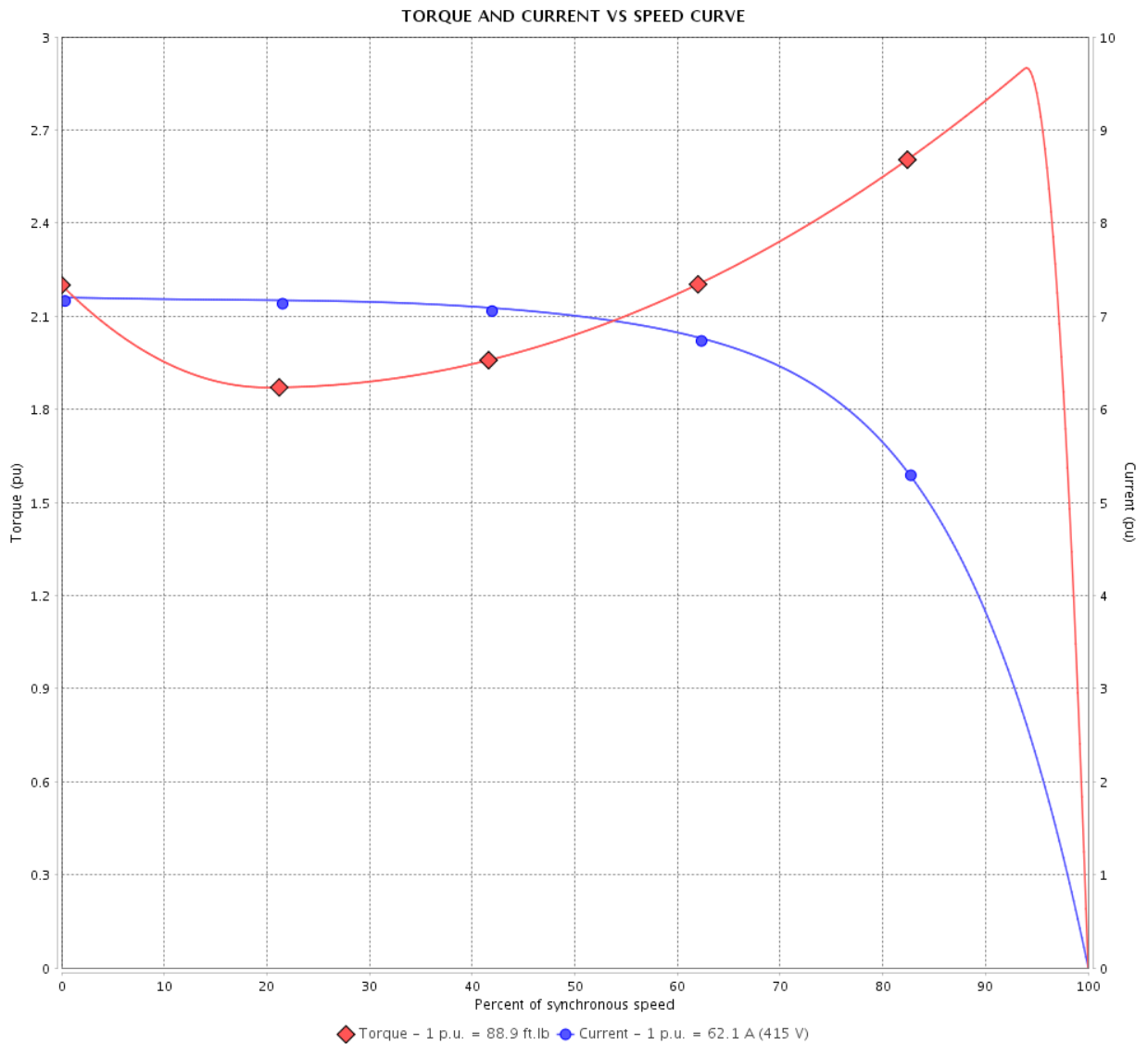
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Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11431671

Catalog # : 06036ST3QIE364TS-W22



Performance : 415 V 50 Hz 2P IE2

Rated current	: 62.1 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 7.2	Duty cycle	: Cont.(S1)
Rated torque	: 88.9 ft.lb	Insulation class	: F
Locked rotor torque	: 220 %	Service factor	: 1.00
Breakdown torque	: 290 %	Temperature rise	: 80 K
Rated speed	: 2955 rpm	Design	: B

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

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



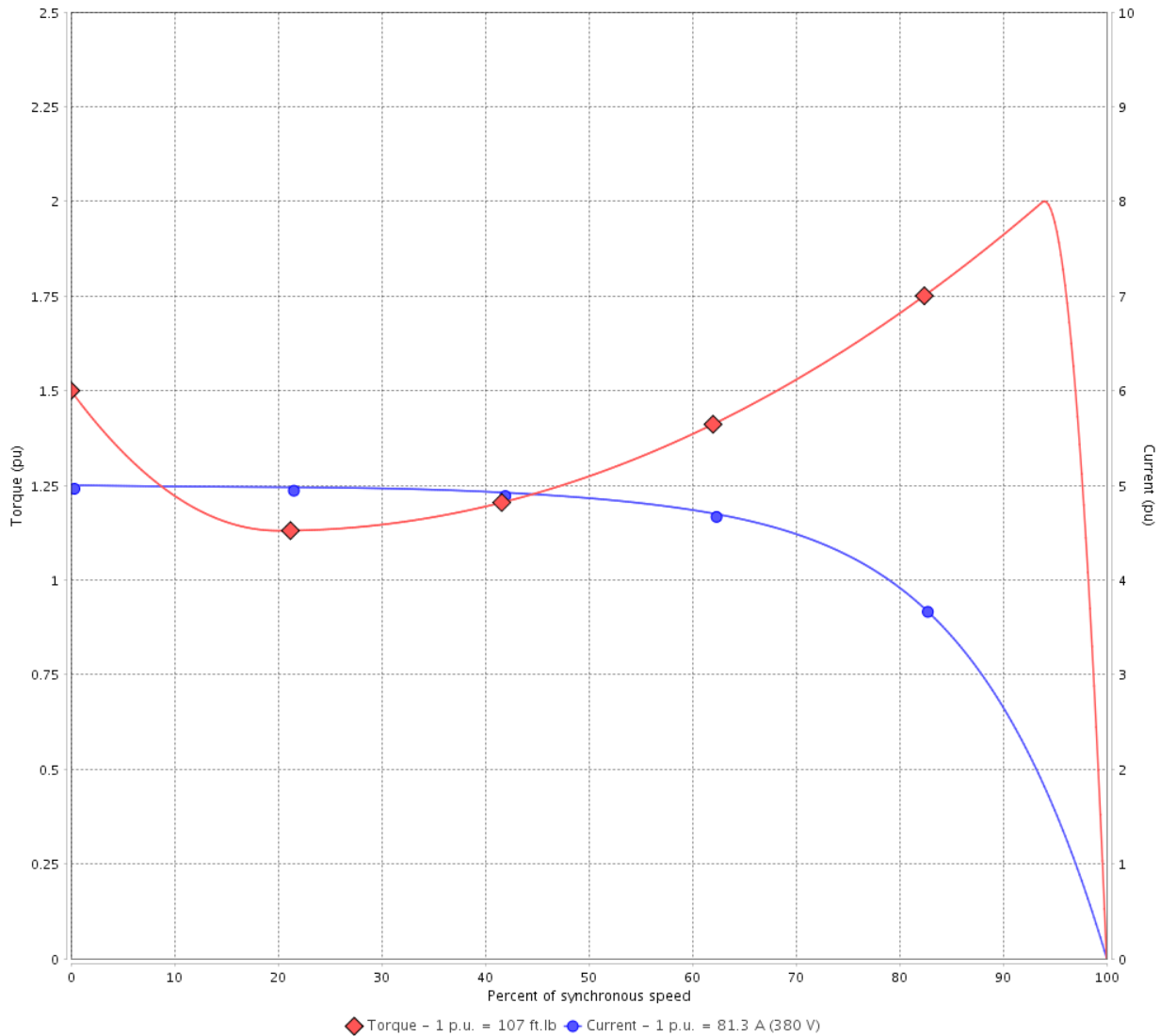
Customer :

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Product code : 11431671

Catalog # : 06036ST3QIE364TS-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 380 V 50 Hz 2P IE1

Rated current	: 81.3 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 5.0	Duty cycle	: Cont.(S1)
Rated torque	: 107 ft.lb	Insulation class	: F
Locked rotor torque	: 150 %	Service factor	: 1.00
Breakdown torque	: 200 %	Temperature rise	: 105 K
Rated speed	: 2935 rpm	Design	: B

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

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TORQUE AND CURRENT VS SPEED CURVE



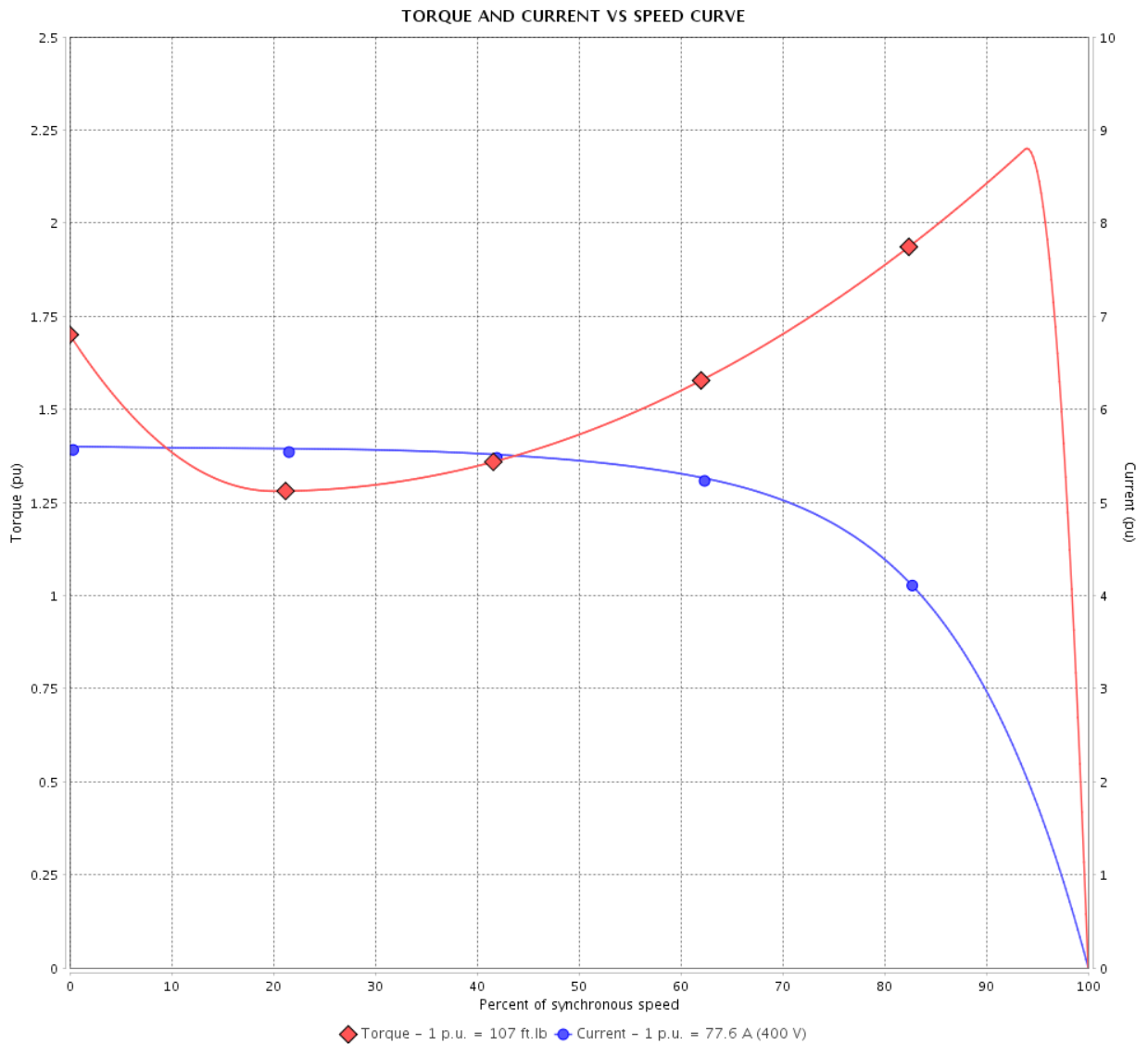
Three Phase Induction Motor - Squirrel Cage

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Product code : 11431671

Catalog # : 06036ST3QIE364TS-W22



Performance : 400 V 50 Hz 2P IE2

Rated current	: 77.6 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 5.6	Duty cycle	: Cont.(S1)
Rated torque	: 107 ft.lb	Insulation class	: F
Locked rotor torque	: 170 %	Service factor	: 1.00
Breakdown torque	: 220 %	Temperature rise	: 105 K
Rated speed	: 2940 rpm	Design	: B

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

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



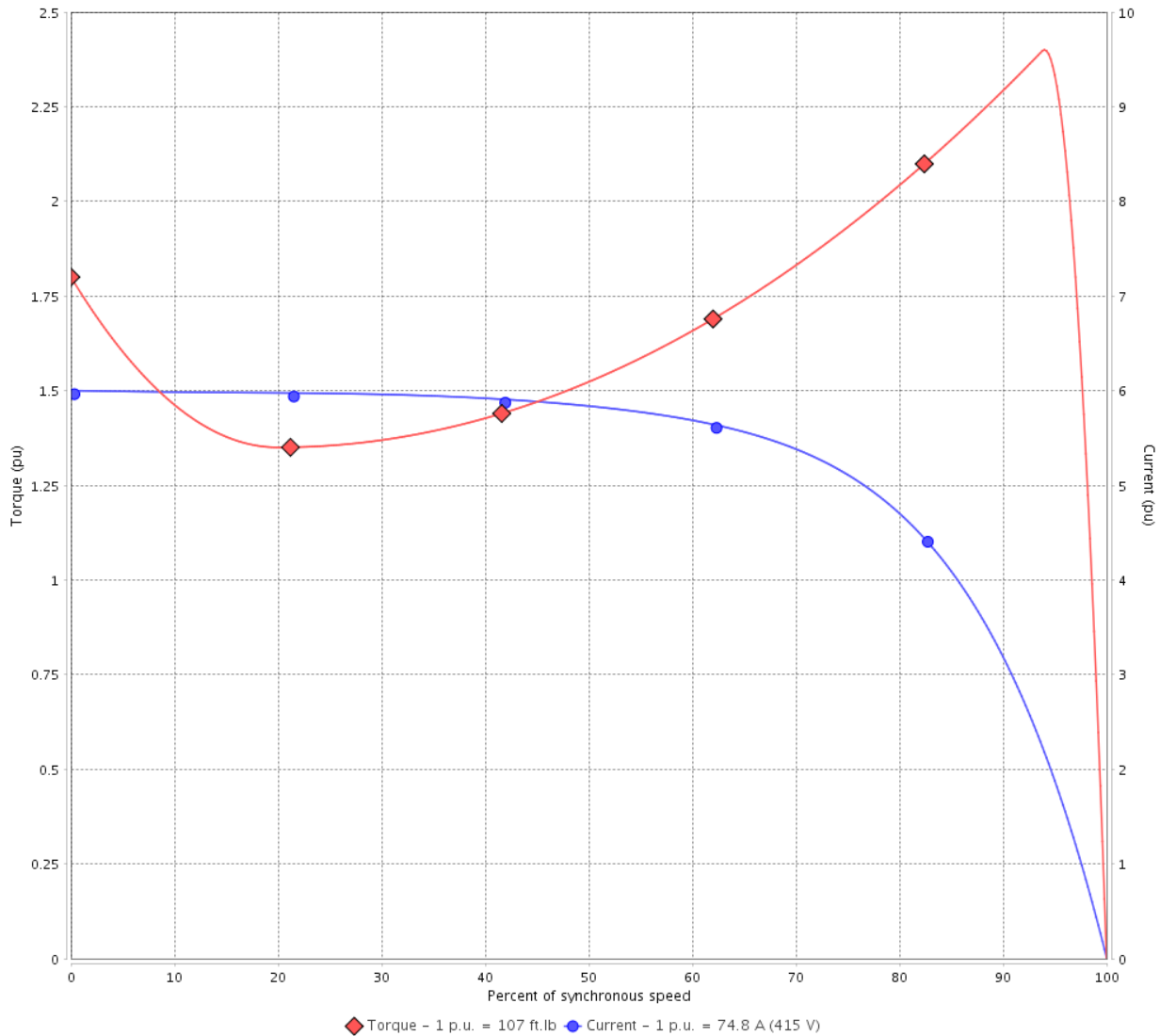
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11431671

Catalog # : 06036ST3QIE364TS-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 415 V 50 Hz 2P IE2

Rated current	: 74.8 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 6.0	Duty cycle	: Cont.(S1)
Rated torque	: 107 ft.lb	Insulation class	: F
Locked rotor torque	: 180 %	Service factor	: 1.00
Breakdown torque	: 240 %	Temperature rise	: 105 K
Rated speed	: 2945 rpm	Design	: B

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

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Three Phase Induction Motor - Squirrel Cage

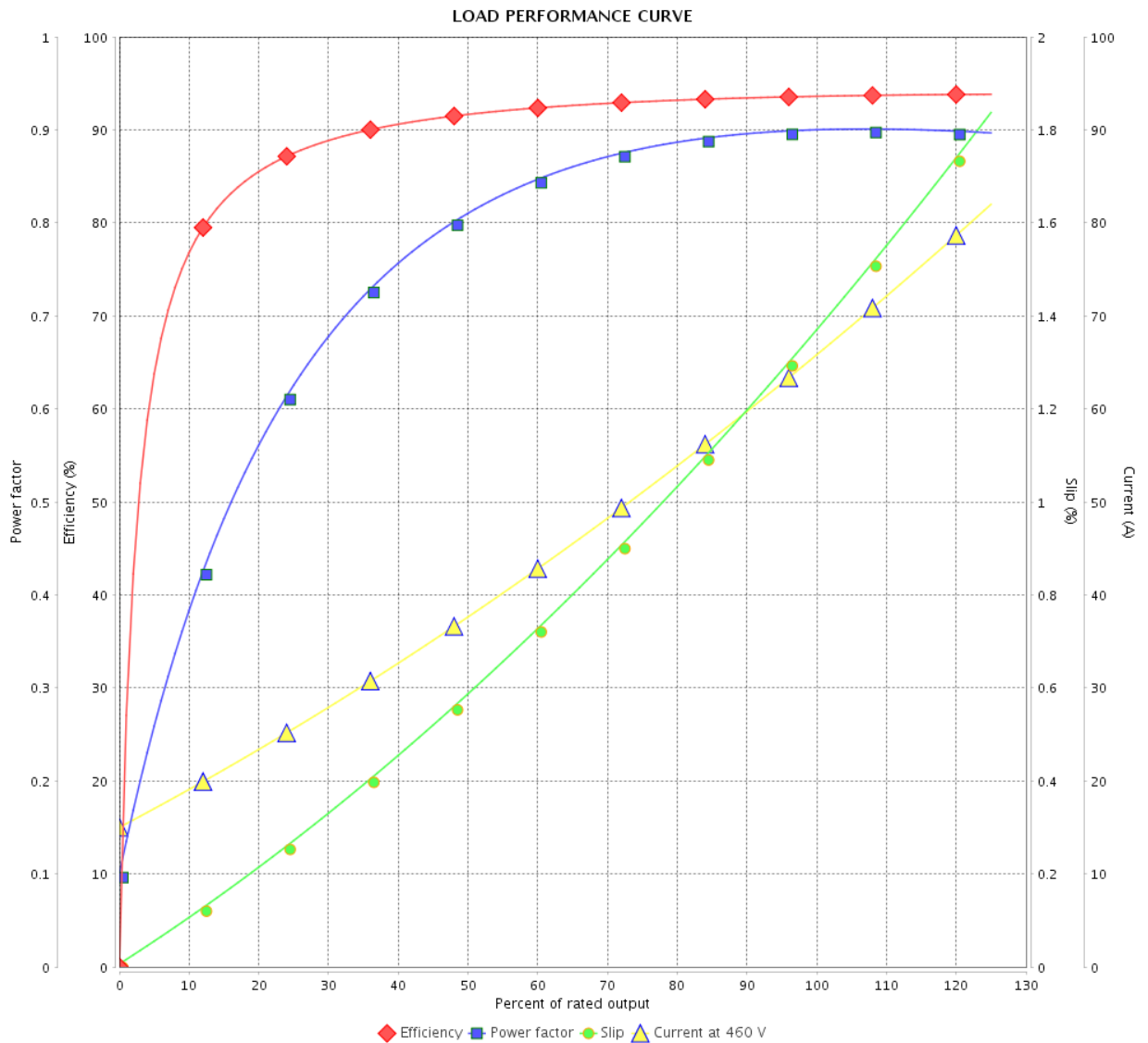


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Product code : 11431671

Catalog # : 06036ST3QIE364TS-W22



Performance : 460 V 60 Hz 2P

Rated current : 67.0 A
 LRC : 6.4
 Rated torque : 88.8 ft.lb
 Locked rotor torque : 190 %
 Breakdown torque : 250 %
 Rated speed : 3550 rpm

Moment of inertia (J) : 10.6 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



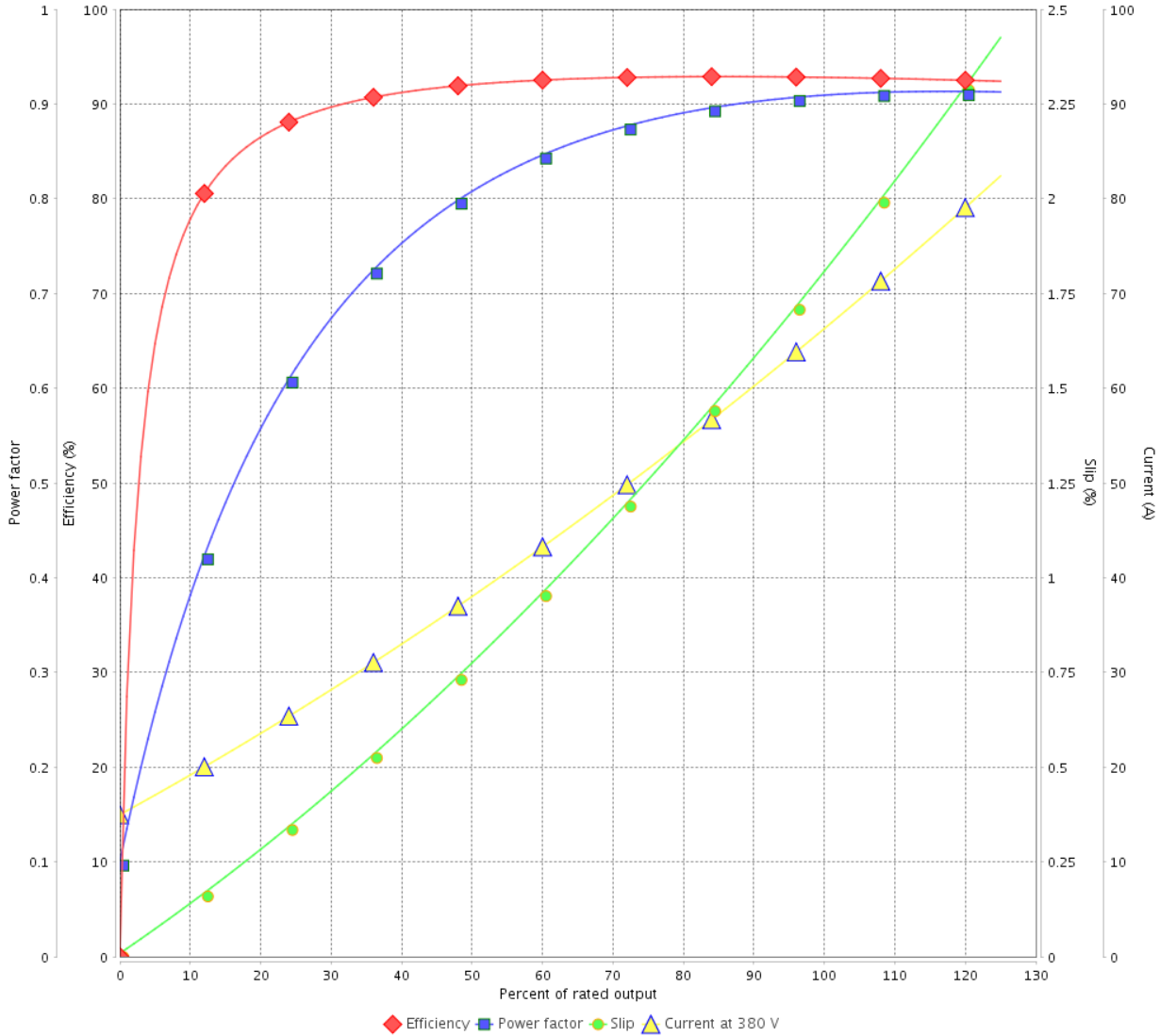
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11431671

Catalog # : 06036ST3QIE364TS-W22

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Performance : 380 V 50 Hz 2P IE2

Rated current : 66.6 A
 LRC : 6.1
 Rated torque : 89.2 ft.lb
 Locked rotor torque : 180 %
 Breakdown torque : 240 %
 Rated speed : 2945 rpm

Moment of inertia (J) : 10.6 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

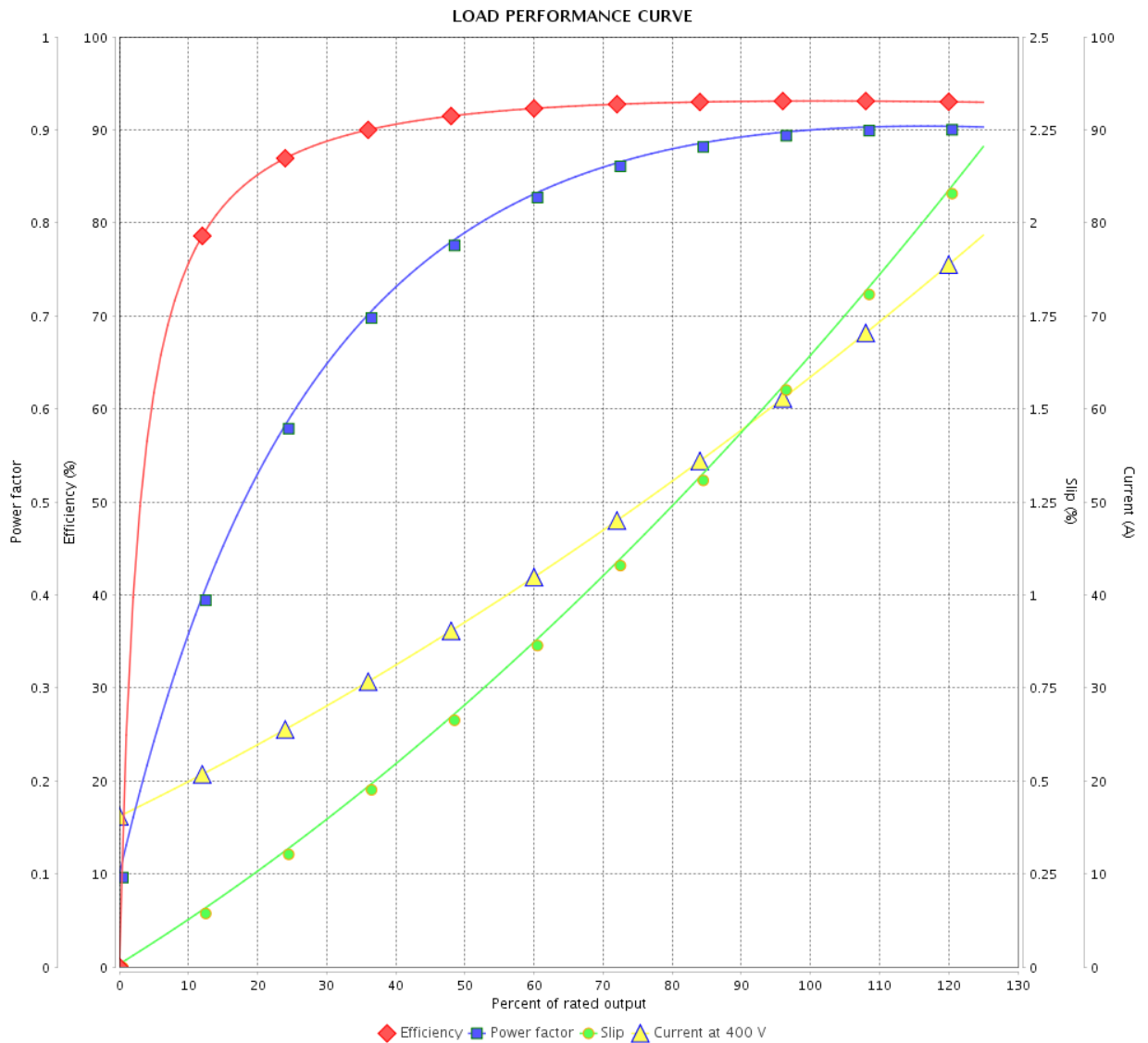


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Performance : 400 V 50 Hz 2P IE2

Rated current : 63.7 A
 LRC : 6.8
 Rated torque : 89.0 ft.lb
 Locked rotor torque : 210 %
 Breakdown torque : 270 %
 Rated speed : 2950 rpm

Moment of inertia (J) : 10.6 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



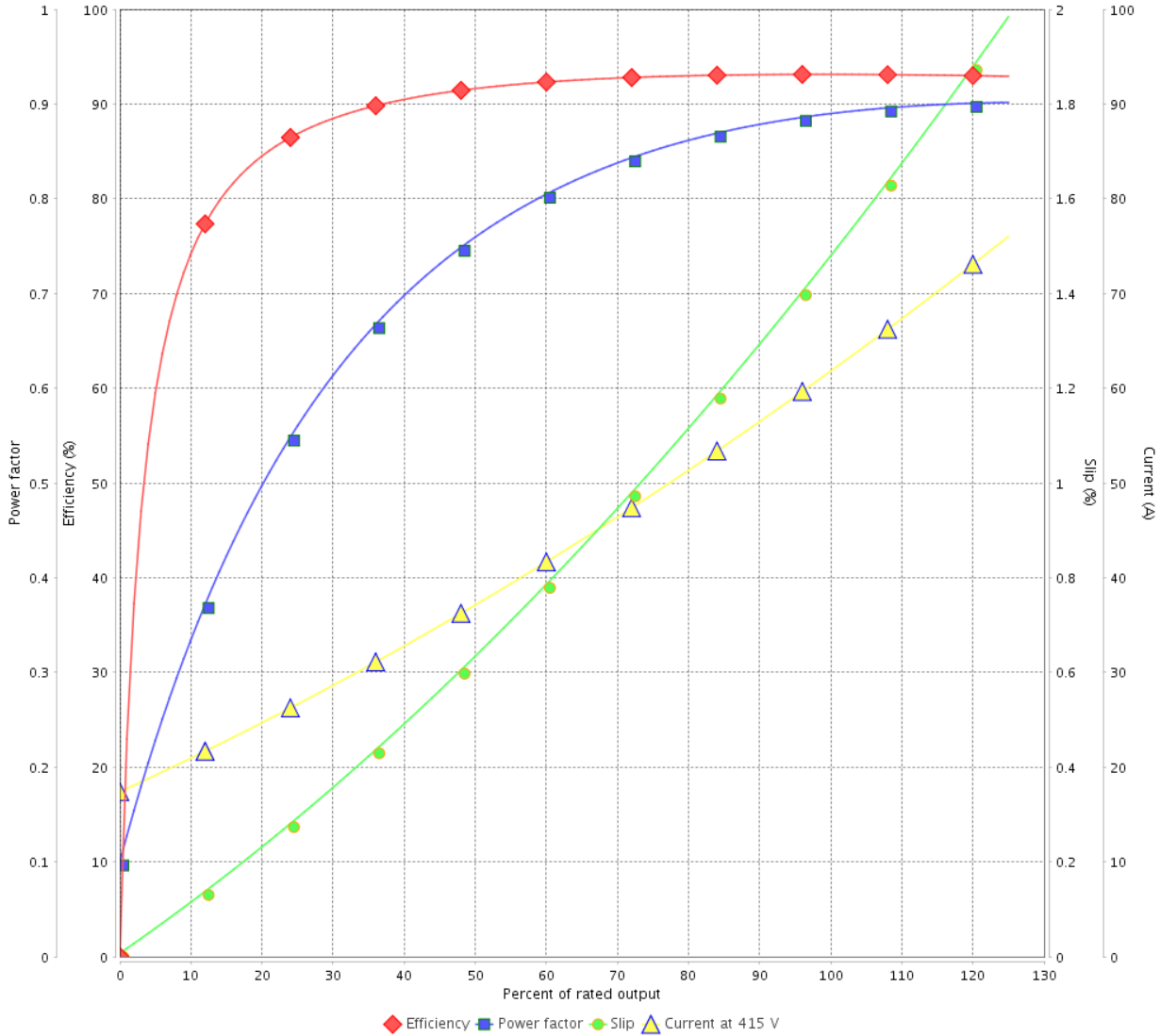
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11431671

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Performance : 415 V 50 Hz 2P IE2

Rated current : 62.1 A
 LRC : 7.2
 Rated torque : 88.9 ft.lb
 Locked rotor torque : 220 %
 Breakdown torque : 290 %
 Rated speed : 2955 rpm

Moment of inertia (J) : 10.6 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

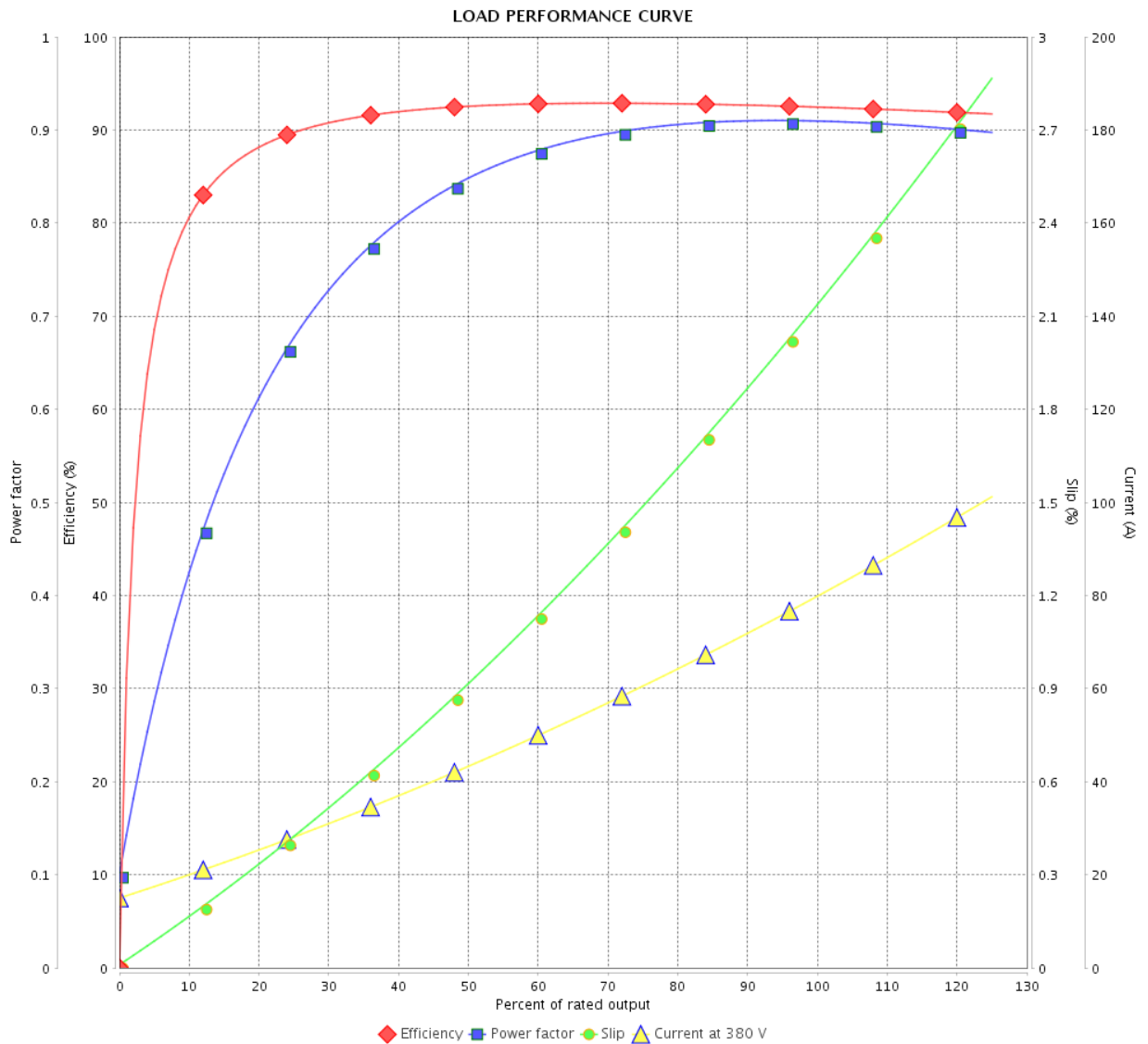


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11431671

Catalog # : 06036ST3QIE364TS-W22



Performance : 380 V 50 Hz 2P IE1

Rated current : 81.3 A
 LRC : 5.0
 Rated torque : 107 ft.lb
 Locked rotor torque : 150 %
 Breakdown torque : 200 %
 Rated speed : 2935 rpm

Moment of inertia (J) : 10.6 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 105 K
 Design : B

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Three Phase Induction Motor - Squirrel Cage



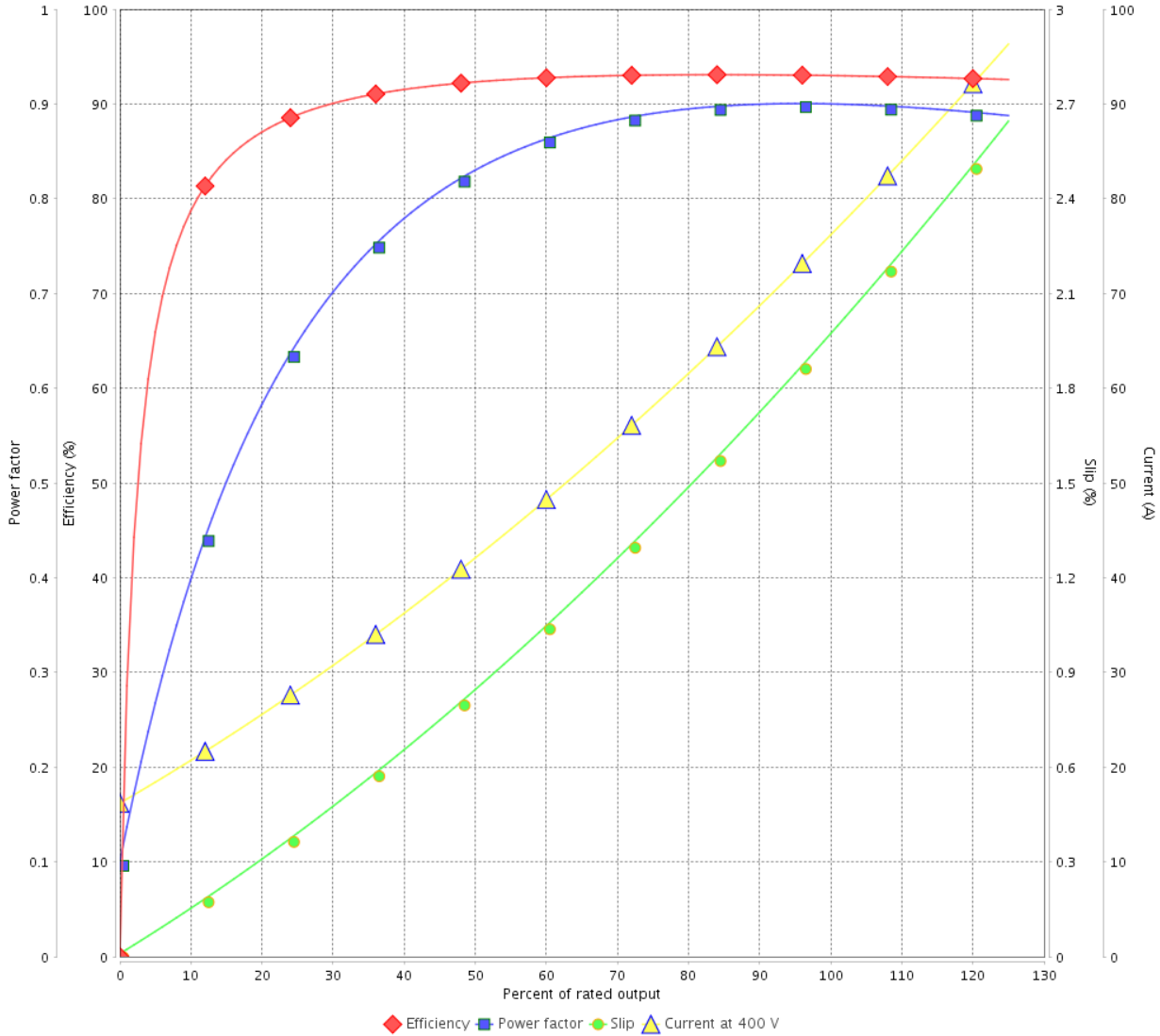
Customer :

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LOAD PERFORMANCE CURVE



Performance : 400 V 50 Hz 2P IE2

Rated current : 77.6 A
 LRC : 5.6
 Rated torque : 107 ft.lb
 Locked rotor torque : 170 %
 Breakdown torque : 220 %
 Rated speed : 2940 rpm

Moment of inertia (J) : 10.6 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 105 K
 Design : B

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Three Phase Induction Motor - Squirrel Cage

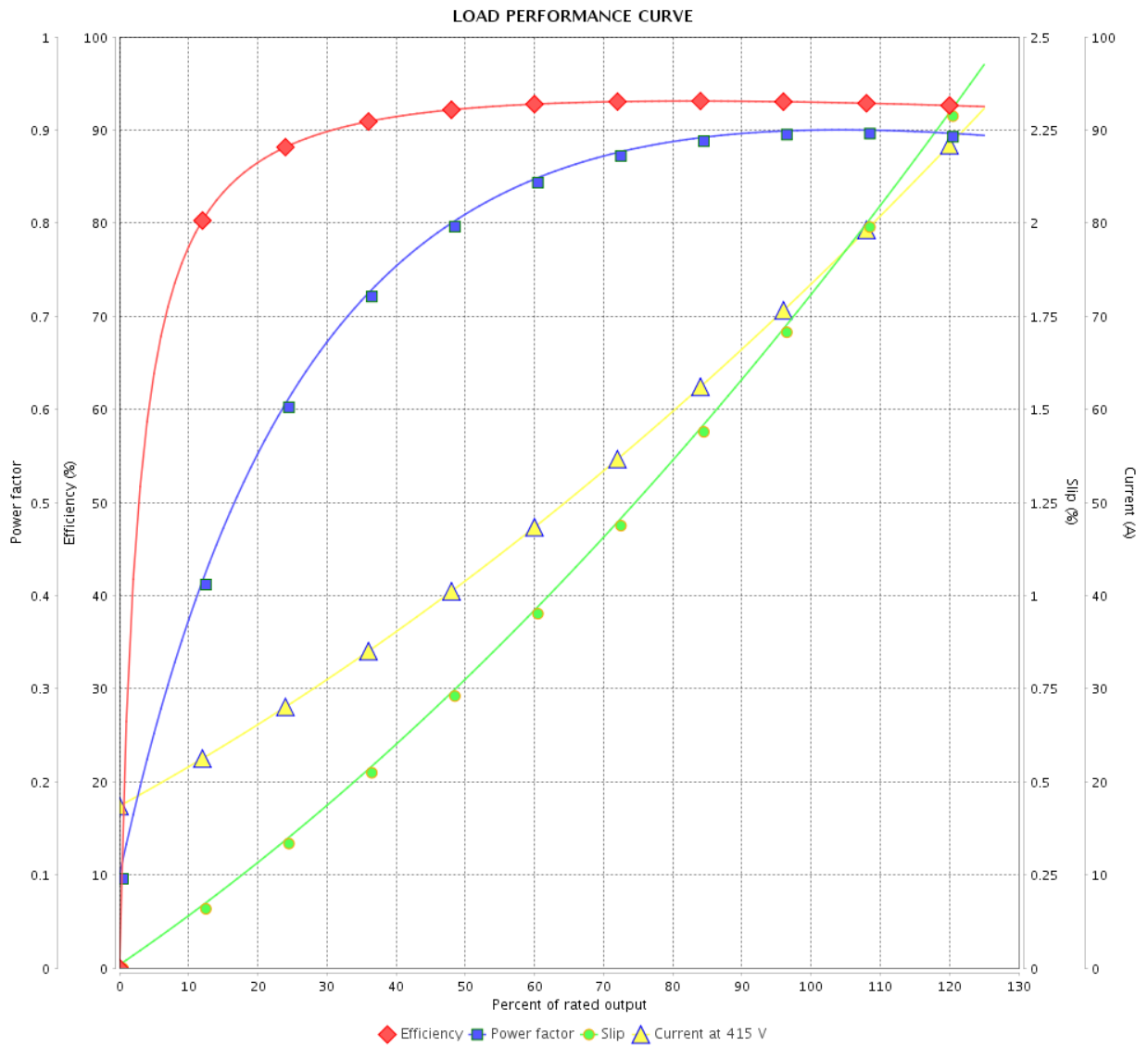


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11431671

Catalog # : 06036ST3QIE364TS-W22



Performance : 415 V 50 Hz 2P IE2

Rated current : 74.8 A
 LRC : 6.0
 Rated torque : 107 ft.lb
 Locked rotor torque : 180 %
 Breakdown torque : 240 %
 Rated speed : 2945 rpm

Moment of inertia (J) : 10.6 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 :

Product line : NEMA Premium Efficiency Three-Phase
Product code : 11431671
Catalog # : 06036ST3QIE364TS-W22

Performance : 460 V 60 Hz 2P

Rated current	: 67.0 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 6.4	Duty cycle	: Cont.(S1)
Rated torque	: 88.8 ft.lb	Insulation class	: F
Locked rotor torque	: 190 %	Service factor	: 1.25
Breakdown torque	: 250 %	Temperature rise	: 80 K
Rated speed	: 3550 rpm	Design	: B

Heating constant

Cooling constant

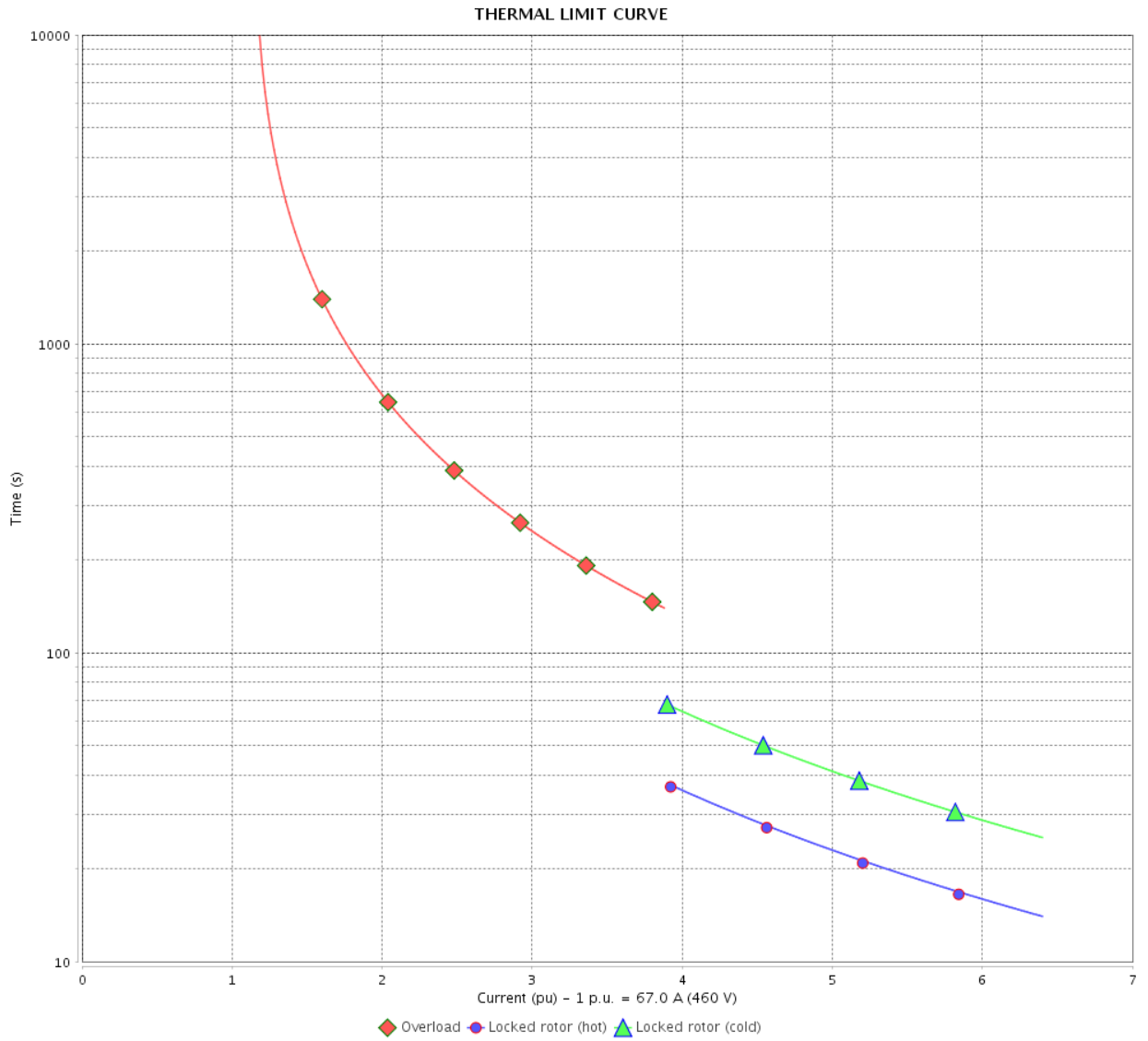
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Three Phase Induction Motor - Squirrel Cage



Customer : _____



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THERMAL LIMIT CURVE



Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase
Product code : 11431671
Catalog # : 06036ST3QIE364TS-W22

Performance : 380 V 50 Hz 2P IE2

Rated current	: 66.6 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 6.1	Duty cycle	: Cont.(S1)
Rated torque	: 89.2 ft.lb	Insulation class	: F
Locked rotor torque	: 180 %	Service factor	: 1.00
Breakdown torque	: 240 %	Temperature rise	: 80 K
Rated speed	: 2945 rpm	Design	: B

Heating constant

Cooling constant

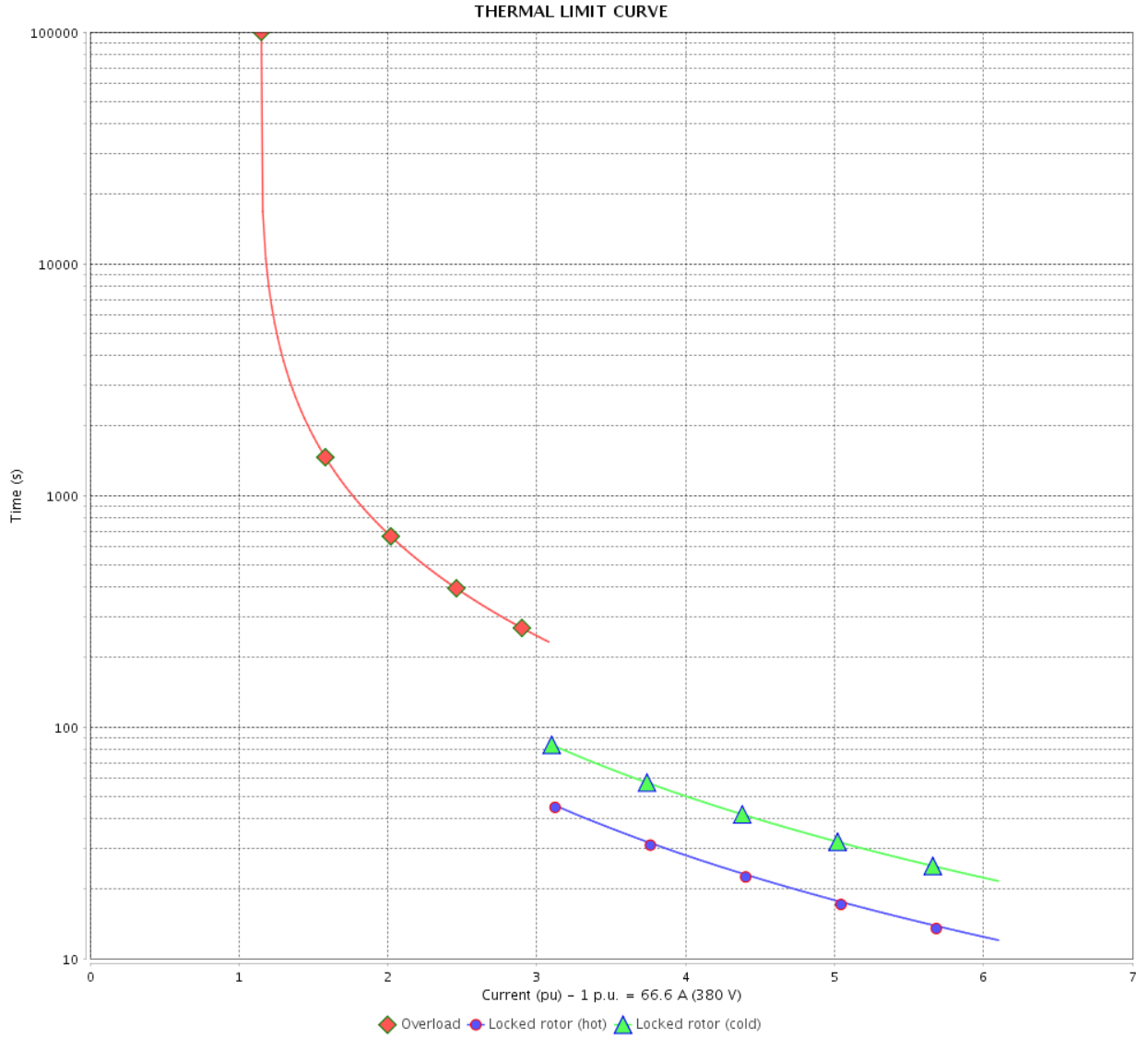
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THERMAL LIMIT CURVE



Three Phase Induction Motor - Squirrel Cage

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Performance : 400 V 50 Hz 2P IE2

Rated current	: 63.7 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 6.8	Duty cycle	: Cont.(S1)
Rated torque	: 89.0 ft.lb	Insulation class	: F
Locked rotor torque	: 210 %	Service factor	: 1.00
Breakdown torque	: 270 %	Temperature rise	: 80 K
Rated speed	: 2950 rpm	Design	: B

Heating constant

Cooling constant

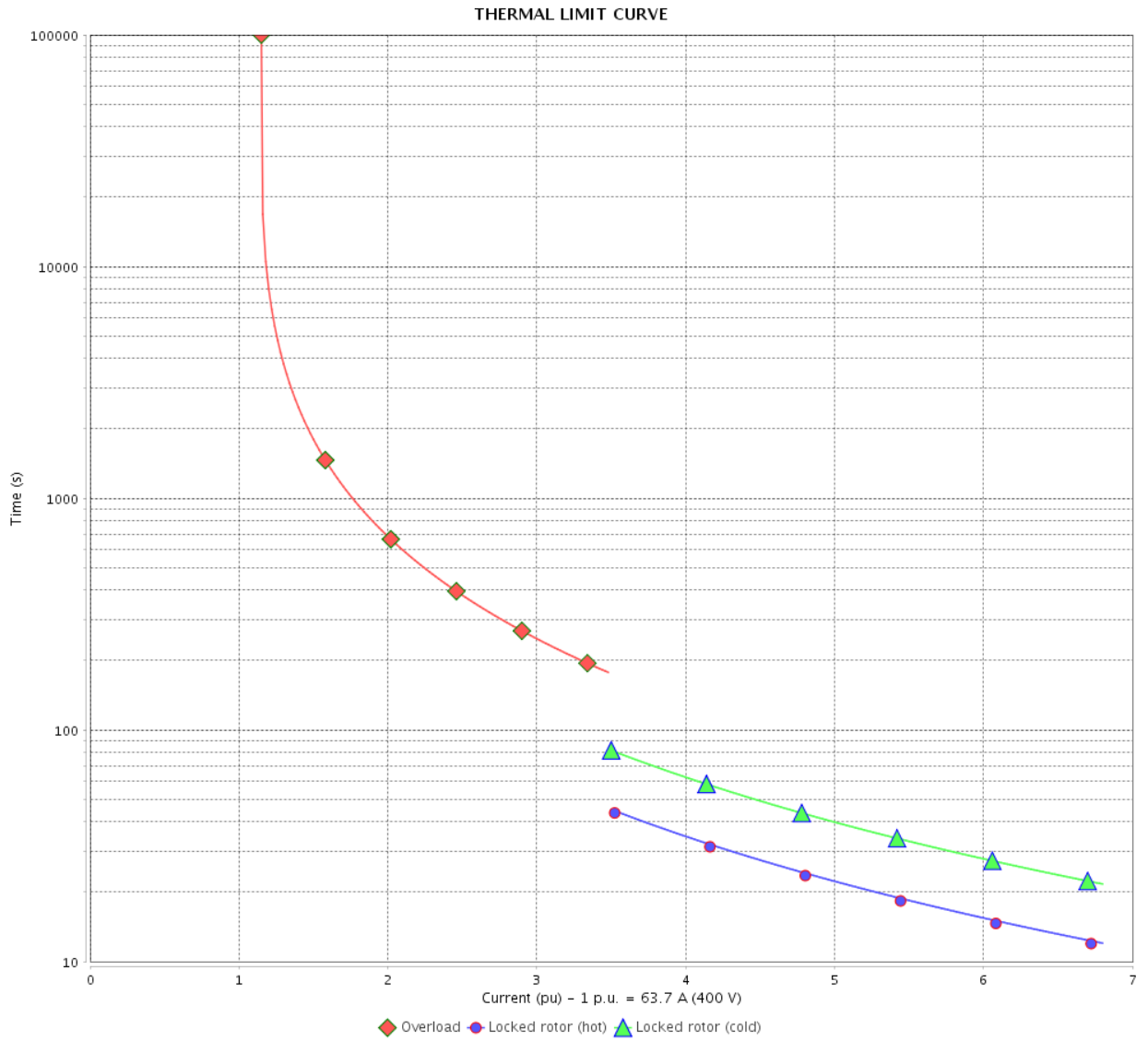
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Performance : 415 V 50 Hz 2P IE2

Rated current	: 62.1 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 7.2	Duty cycle	: Cont.(S1)
Rated torque	: 88.9 ft.lb	Insulation class	: F
Locked rotor torque	: 220 %	Service factor	: 1.00
Breakdown torque	: 290 %	Temperature rise	: 80 K
Rated speed	: 2955 rpm	Design	: B

Heating constant

Cooling constant

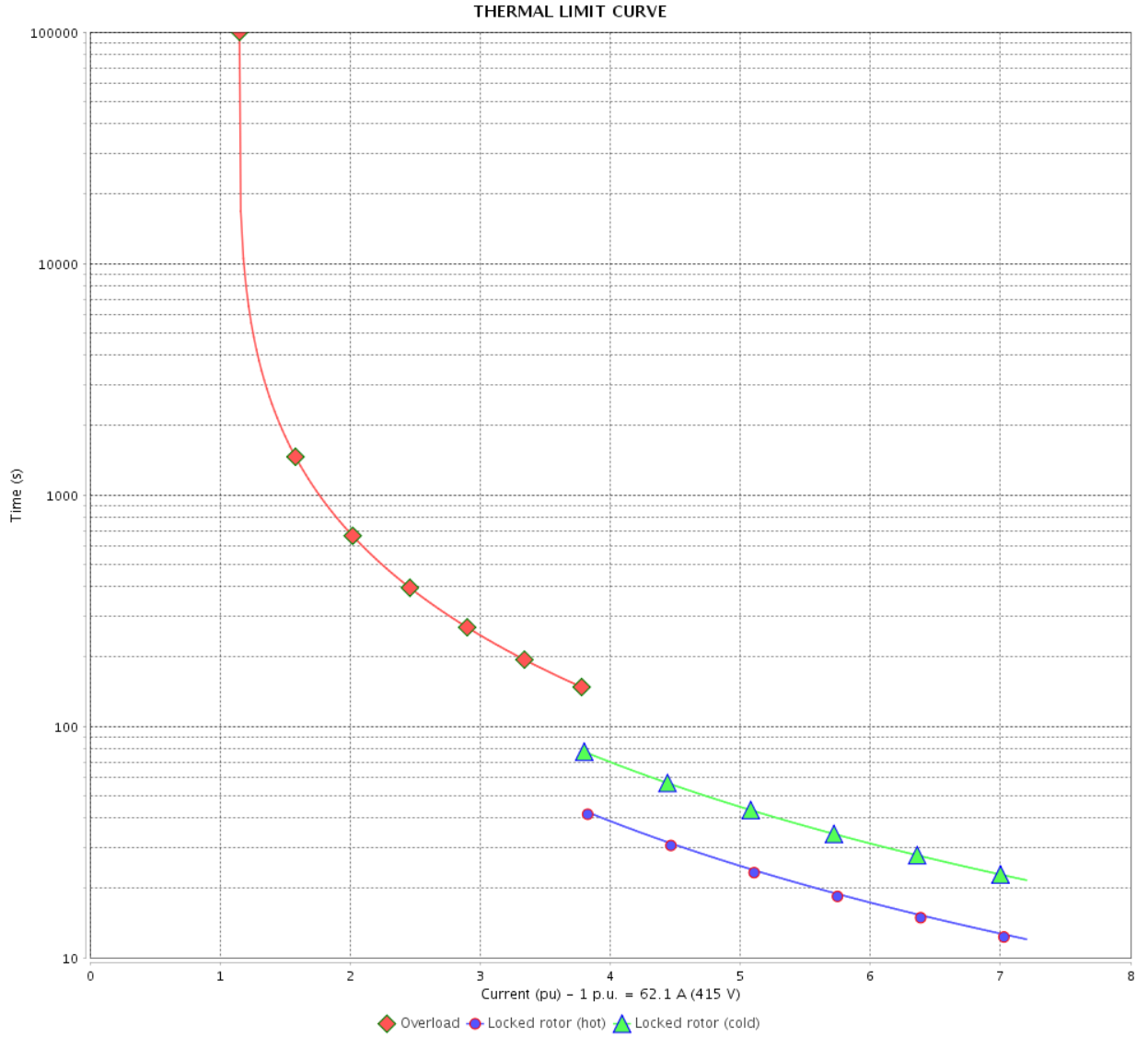
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THERMAL LIMIT CURVE

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Performance : 380 V 50 Hz 2P IE1

Rated current	: 81.3 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 5.0	Duty cycle	: Cont.(S1)
Rated torque	: 107 ft.lb	Insulation class	: F
Locked rotor torque	: 150 %	Service factor	: 1.00
Breakdown torque	: 200 %	Temperature rise	: 105 K
Rated speed	: 2935 rpm	Design	: B

Heating constant

Cooling constant

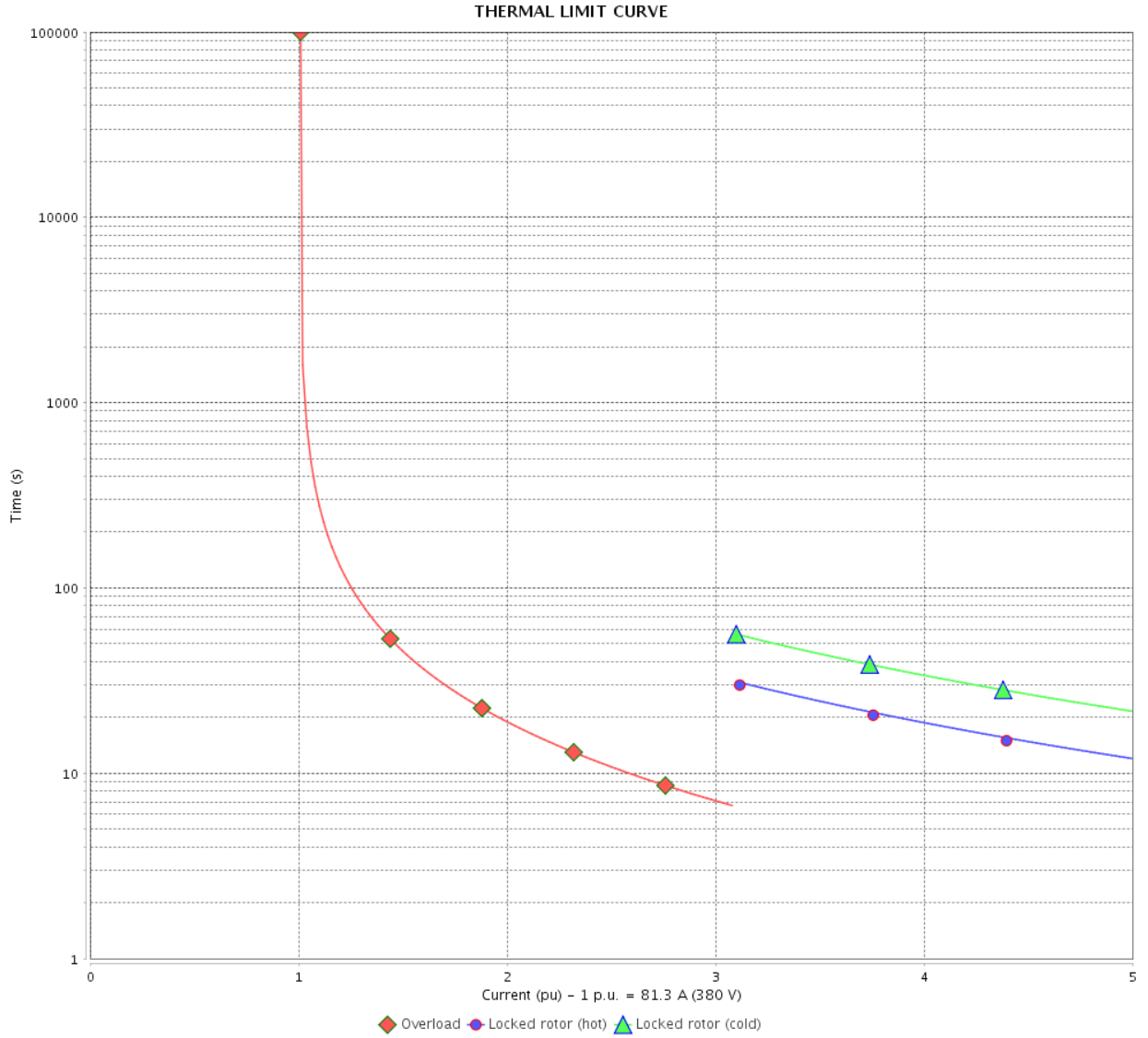
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Catalog # : 06036ST3QIE364TS-W22

Performance : 400 V 50 Hz 2P IE2

Rated current	: 77.6 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 5.6	Duty cycle	: Cont.(S1)
Rated torque	: 107 ft.lb	Insulation class	: F
Locked rotor torque	: 170 %	Service factor	: 1.00
Breakdown torque	: 220 %	Temperature rise	: 105 K
Rated speed	: 2940 rpm	Design	: B

Heating constant

Cooling constant

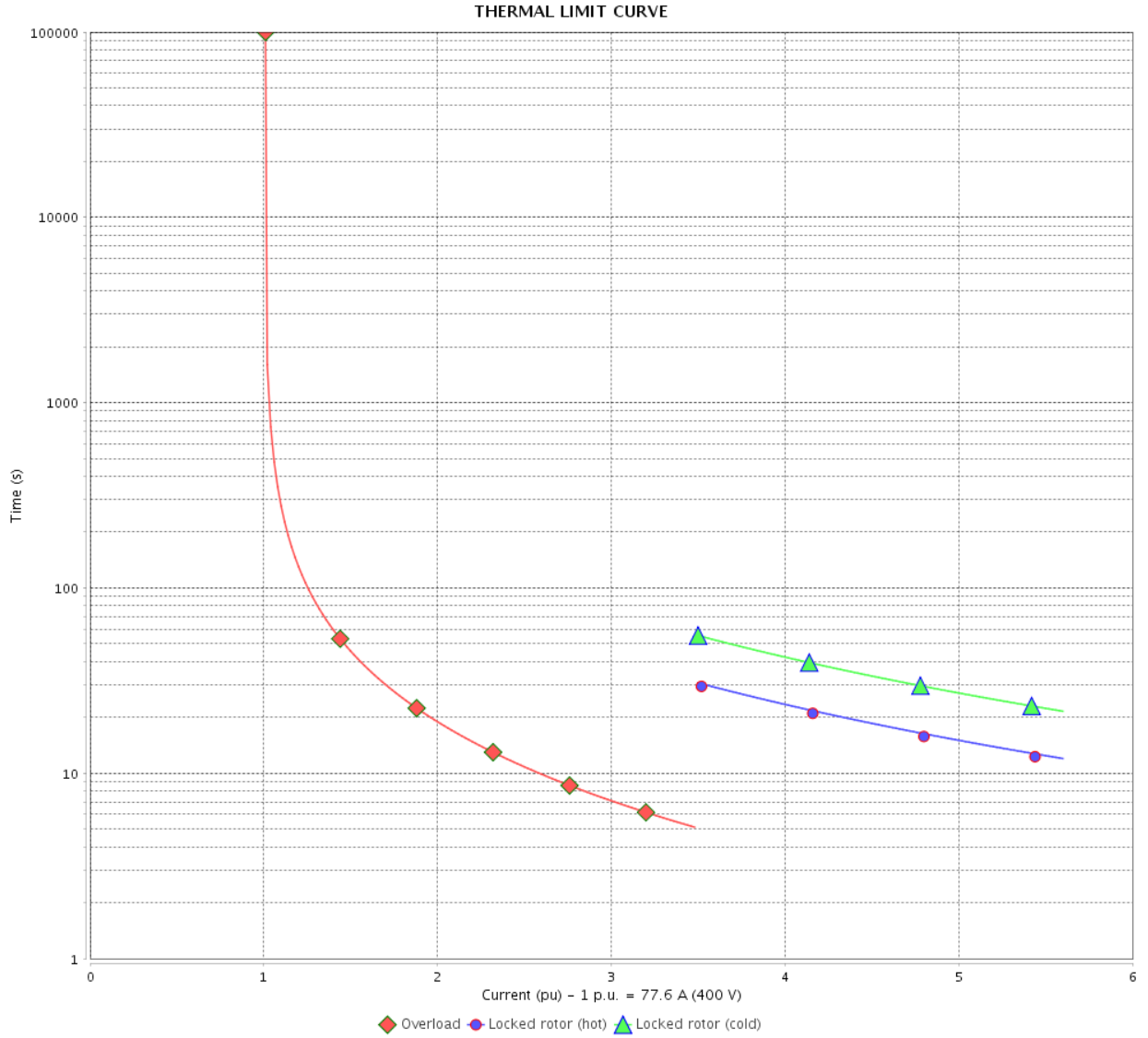
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
Date	13/04/2022		26 / 36	

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 : 11431671
Catalog # : 06036ST3QIE364TS-W22

Performance : 415 V 50 Hz 2P IE2

Rated current	: 74.8 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 6.0	Duty cycle	: Cont.(S1)
Rated torque	: 107 ft.lb	Insulation class	: F
Locked rotor torque	: 180 %	Service factor	: 1.00
Breakdown torque	: 240 %	Temperature rise	: 105 K
Rated speed	: 2945 rpm	Design	: B

Heating constant

Cooling constant

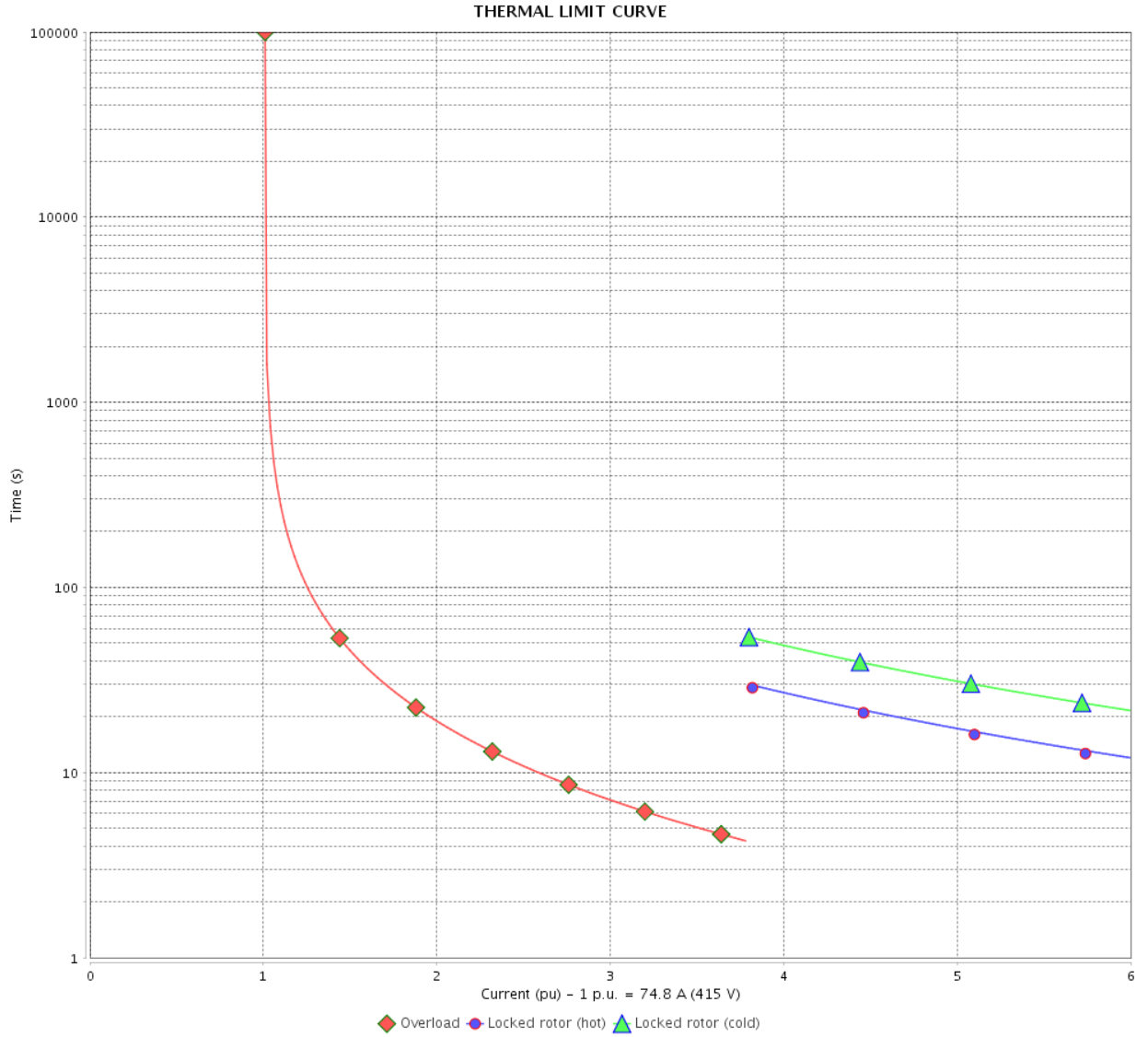
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Checked by			Page	Revision
Date	13/04/2022		28 / 36	

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____



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Performed by		Page 29 / 36		Revision
Checked by				
Date				

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



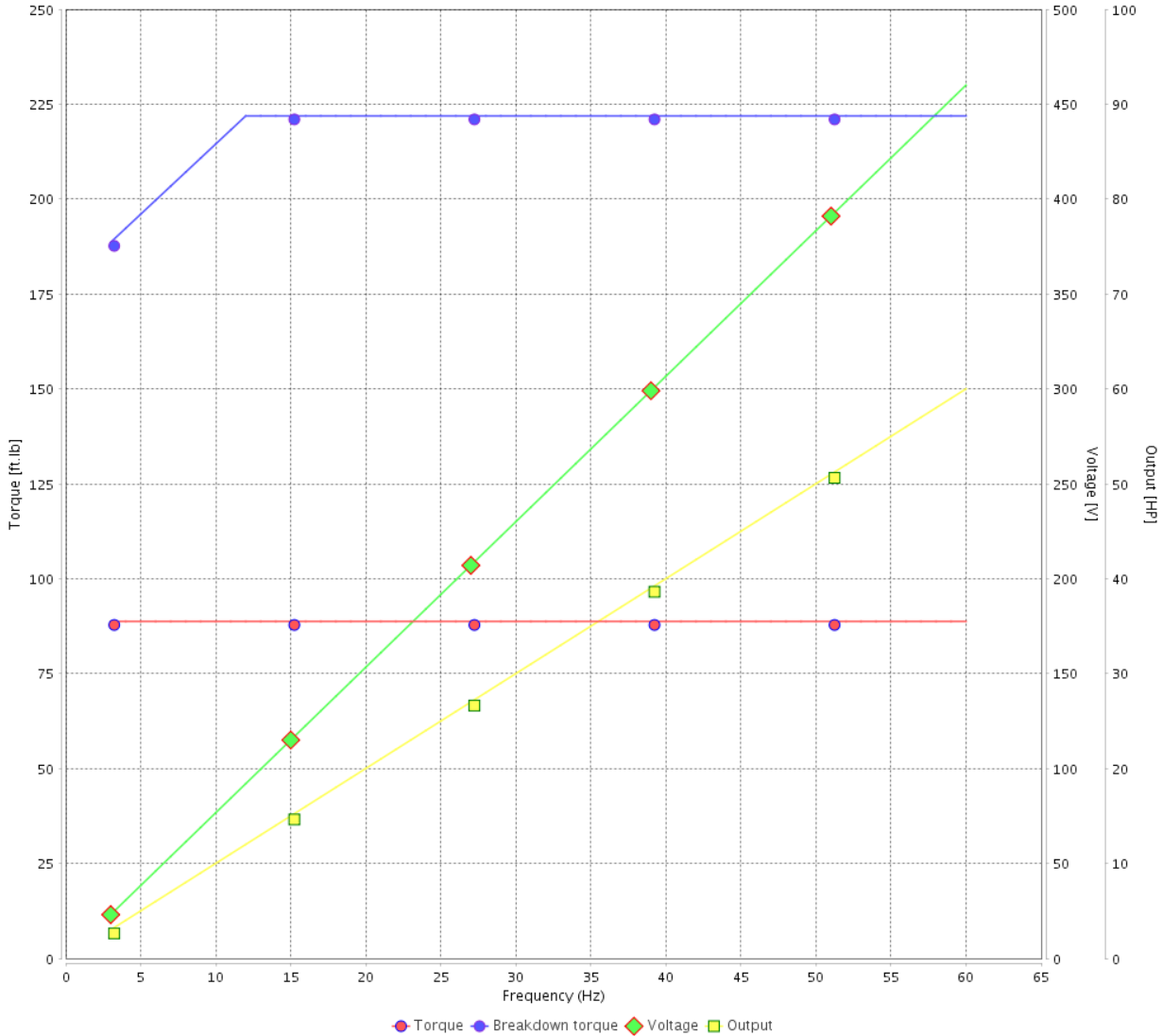
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11431671

Catalog # : 06036ST3QIE364TS-W22

VFD OPERATION CURVE



Performance : 460 V 60 Hz 2P

Rated current : 67.0 A
 LRC : 6.4
 Rated torque : 88.8 ft.lb
 Locked rotor torque : 190 %
 Breakdown torque : 250 %
 Rated speed : 3550 rpm

Moment of inertia (J) : 10.6 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 30 / 36	Revision
Checked by				
Date	13/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

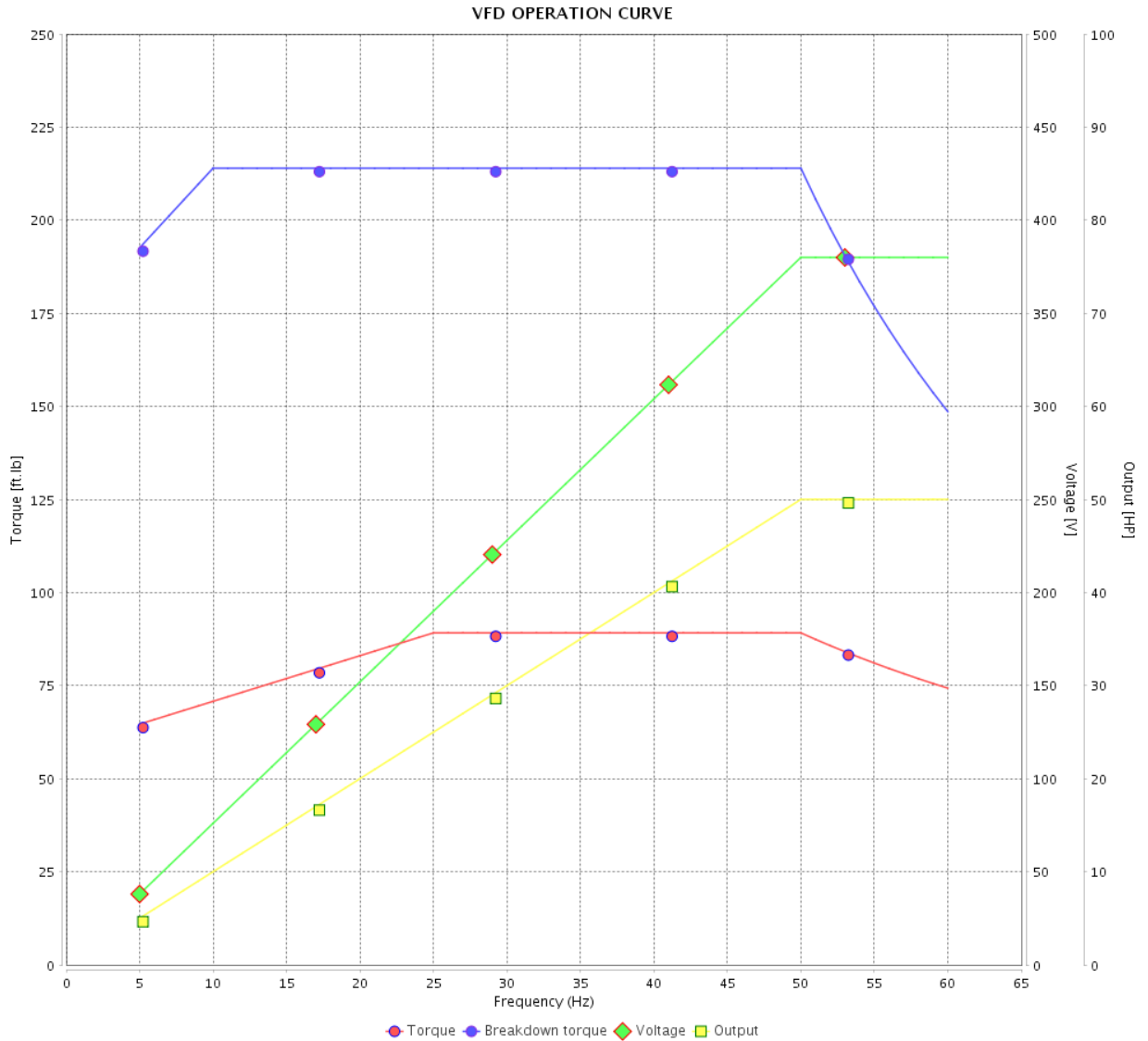


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11431671

Catalog # : 06036ST3QIE364TS-W22



Performance : 380 V 50 Hz 2P IE2

Rated current : 66.6 A
 LRC : 6.1
 Rated torque : 89.2 ft.lb
 Locked rotor torque : 180 %
 Breakdown torque : 240 %
 Rated speed : 2945 rpm

Moment of inertia (J) : 10.6 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				
			31 / 36	

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

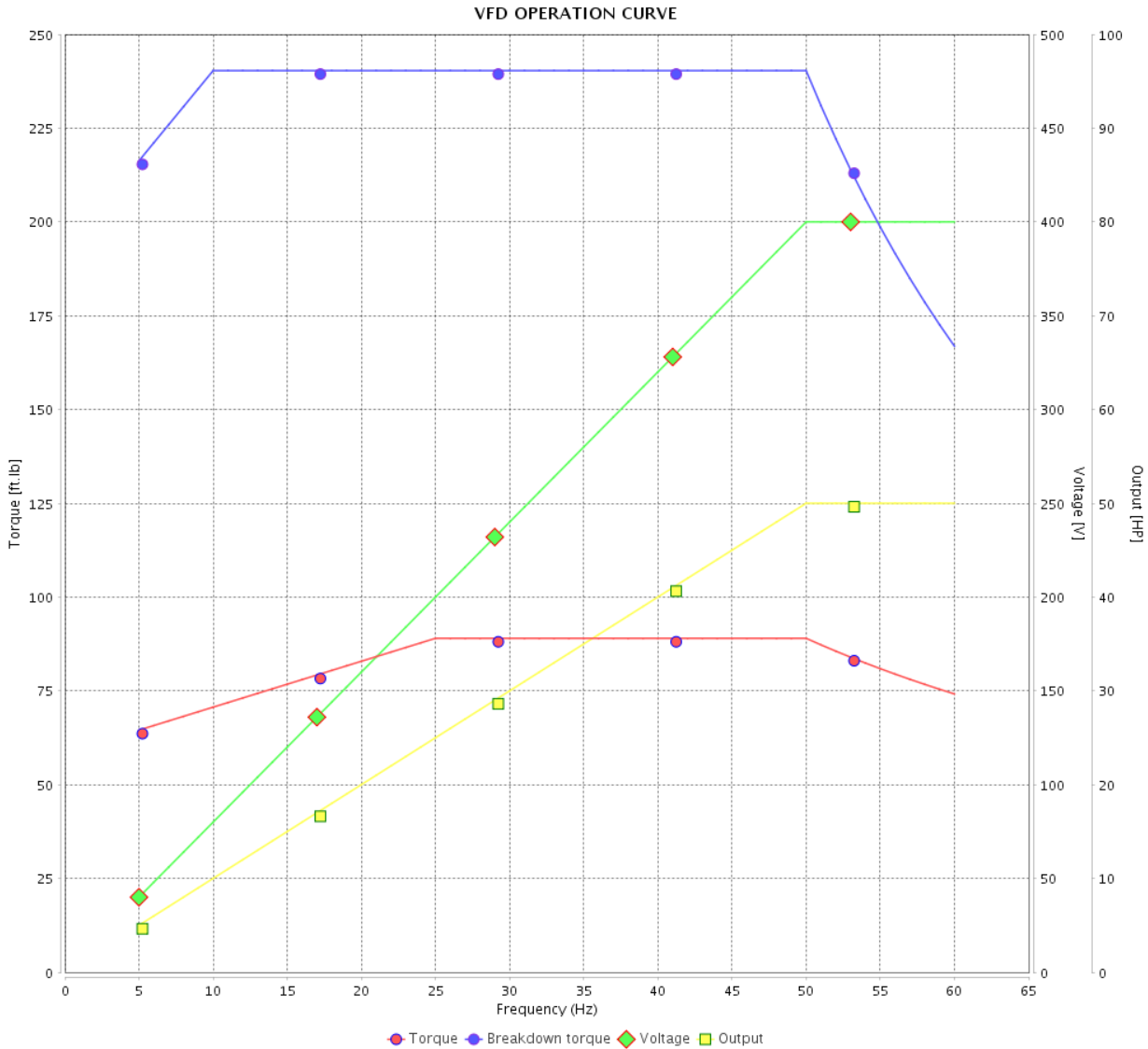


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11431671

Catalog # : 06036ST3QIE364TS-W22



Performance : 400 V 50 Hz 2P IE2

Rated current : 63.7 A
 LRC : 6.8
 Rated torque : 89.0 ft.lb
 Locked rotor torque : 210 %
 Breakdown torque : 270 %
 Rated speed : 2950 rpm

Moment of inertia (J) : 10.6 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

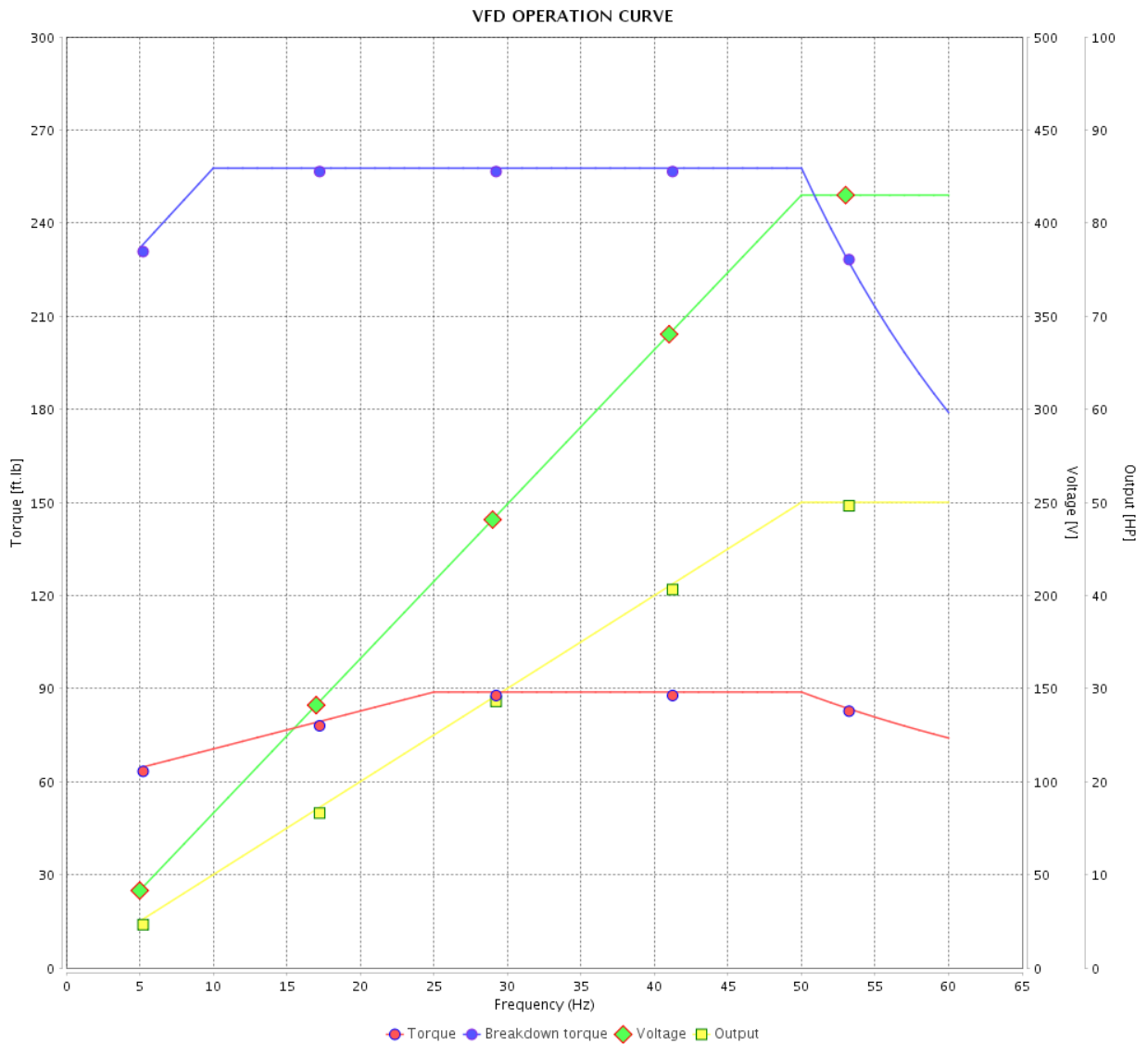


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11431671

Catalog # : 06036ST3QIE364TS-W22



Performance : 415 V 50 Hz 2P IE2

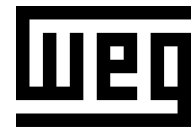
Rated current : 62.1 A
 LRC : 7.2
 Rated torque : 88.9 ft.lb
 Locked rotor torque : 220 %
 Breakdown torque : 290 %
 Rated speed : 2955 rpm

Moment of inertia (J) : 10.6 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
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Date				
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VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

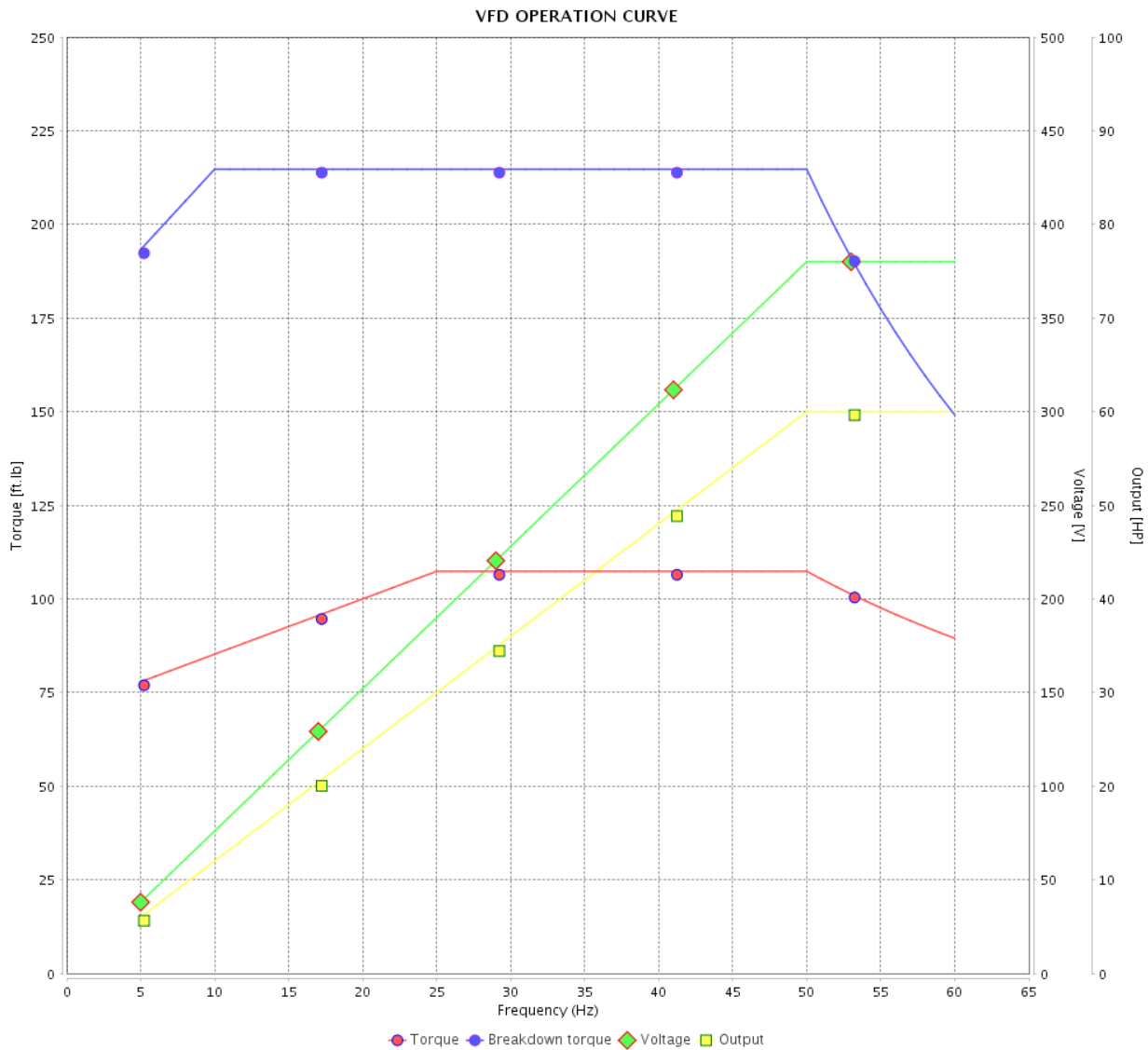


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11431671

Catalog # : 06036ST3QIE364TS-W22



Performance : 380 V 50 Hz 2P IE1

Rated current	: 81.3 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 5.0	Duty cycle	: Cont.(S1)
Rated torque	: 107 ft.lb	Insulation class	: F
Locked rotor torque	: 150 %	Service factor	: 1.00
Breakdown torque	: 200 %	Temperature rise	: 105 K
Rated speed	: 2935 rpm	Design	: B

Rev.	Changes Summary	Performed	Checked	Date
Performed by			Page 34 / 36	Revision
Checked by				
Date	13/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

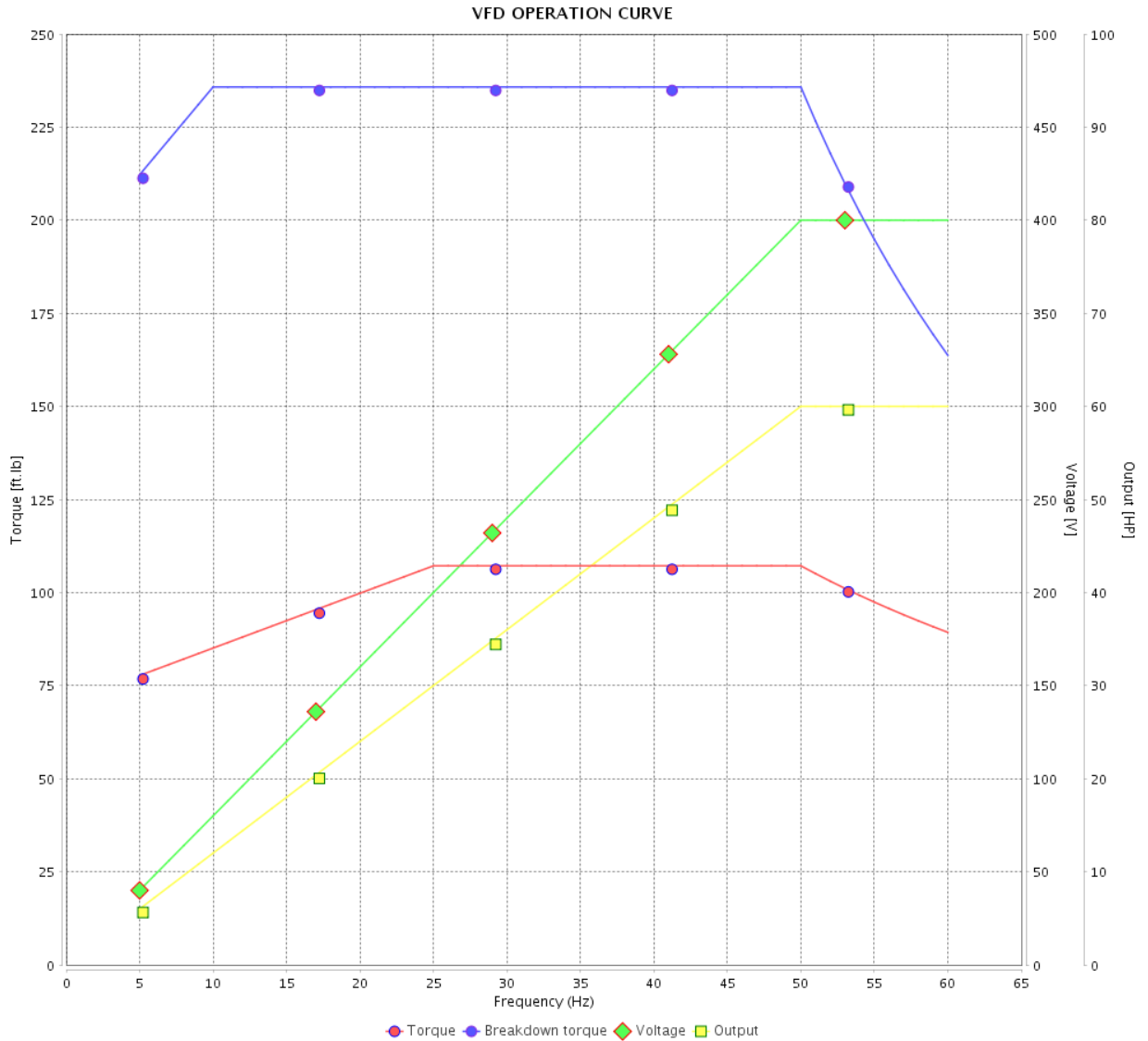


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11431671

Catalog # : 06036ST3QIE364TS-W22



Performance : 400 V 50 Hz 2P IE2

Rated current : 77.6 A
 LRC : 5.6
 Rated torque : 107 ft.lb
 Locked rotor torque : 170 %
 Breakdown torque : 220 %
 Rated speed : 2940 rpm

Moment of inertia (J) : 10.6 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



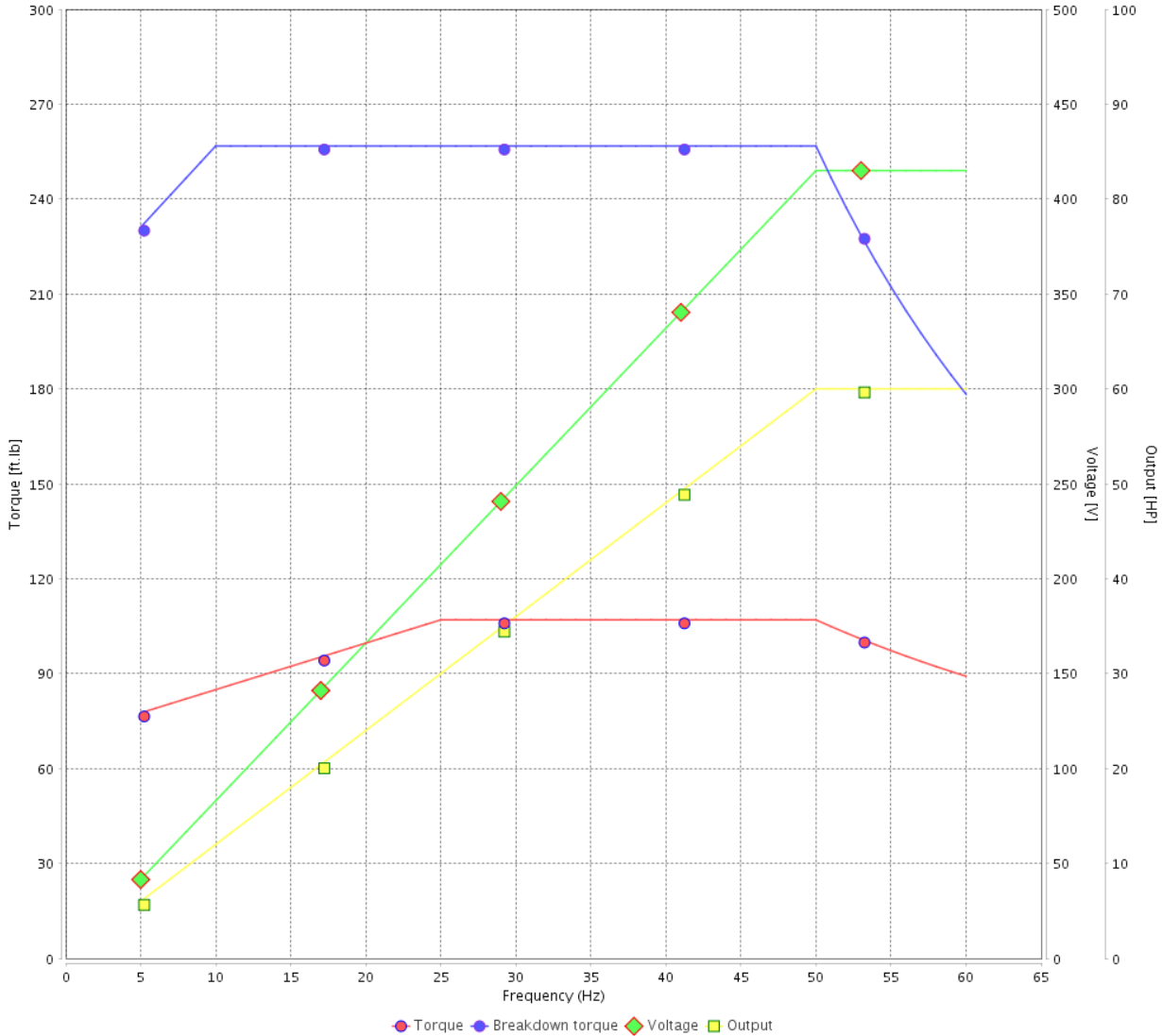
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11431671

Catalog # : 06036ST3QIE364TS-W22

VFD OPERATION CURVE



Performance : 415 V 50 Hz 2P IE2

Rated current : 74.8 A
 LRC : 6.0
 Rated torque : 107 ft.lb
 Locked rotor torque : 180 %
 Breakdown torque : 240 %
 Rated speed : 2945 rpm

Moment of inertia (J) : 10.6 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 105 K
 Design : B

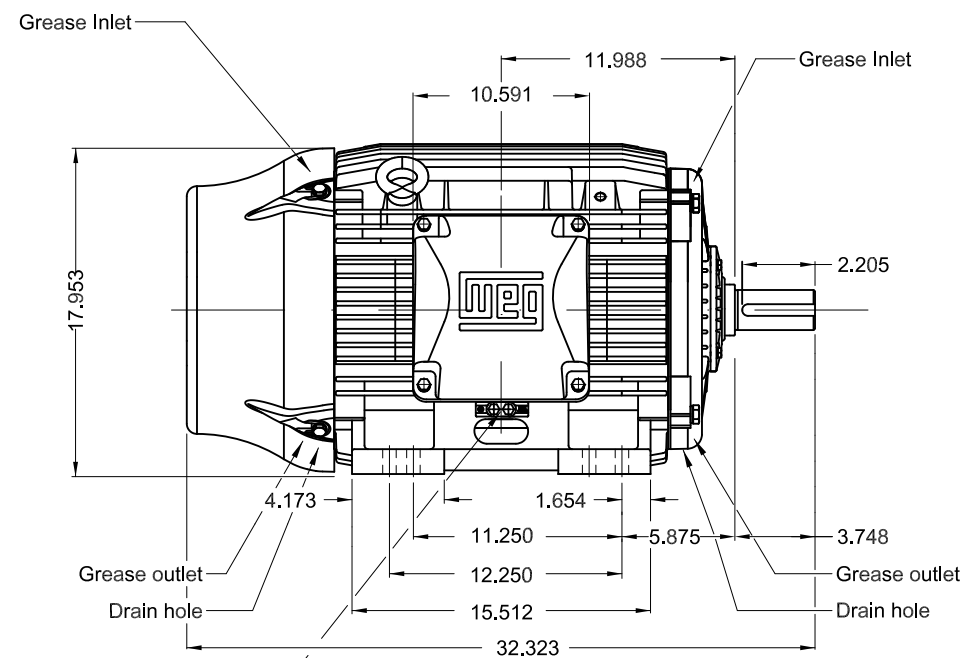
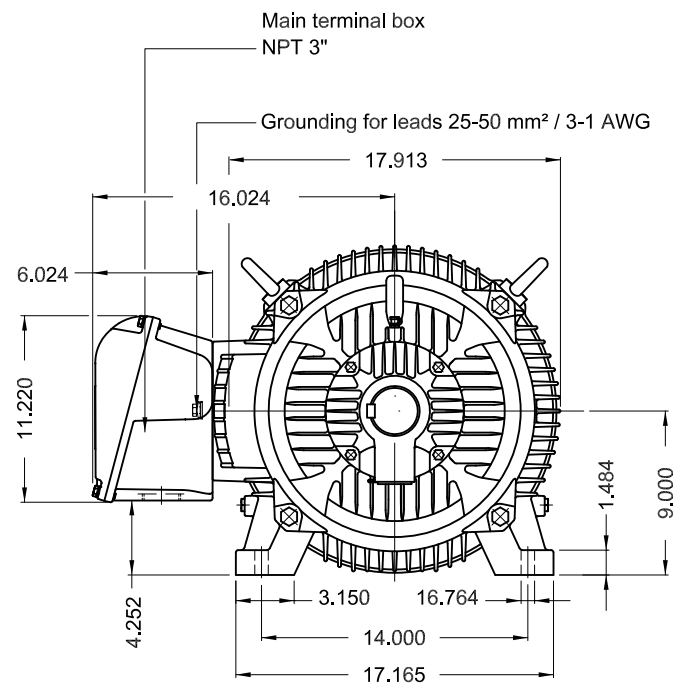
Rev.	Changes Summary	Performed	Checked	Date
Performed by			Page	Revision
Checked by				
Date				

1 2 3 4 5 6

A

B

C



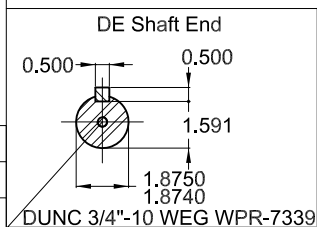
Grounding for leads 25-185 mm² / 3AWG-350MCM

D

E

60 HP 02 Poles 60 Hz A

Color RAL 5009
 Painting plan 202E
 Mounting B3R(D)



ECM	LOC	SUMMARY OF MODIFICATIONS	EXECUTED	CHECKED	RELEASED	DATE	VER
EXECUTED	PIRWBUSER	THREE PH. MOTOR IEEE 841 W22 PREM. EFF.					
CHECKED		FRAME 364/5TS IP55 TEFC					
RELEASED							
REL DT.	WMO	Jaragua do Sul	Product Engineering	SHEET	1 / 1		

PREVIEW
 WDD



Dimensions in inches XME A3



NEMA
Premium
W22



FOR SAFE AREA
Mod.TE1BFOXON
CC029A



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

IE060402W22IS



Inverter Duty Motor
Severe Duty

MADE IN BRAZIL
11431671

PH3 60Hz Fr. 364/5TS 1000m.a.s.l. IP55 TEFC 863lb

V 460

A 67.0

HP 60

kW 45

SF 1.25

SFA 83.8

RPM 3550

PF 0.90

AMB 40°C

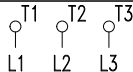
INS cl. F DT80K

NEMA NOM EFF 93.6%

DUTY CONT.

DES B Code G

GUARANT. EFF 92.4%



460V



→ 6314-C3 (27g) 70BC03X30

→ 6314-C3 (27g) 70BC03X30



MOBIL POLYREX EM (4000h)

