

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer								
Product line	: NEMA Premium Efficiency Three-Phase	Product code	: 12770002					
		Catalog #	: 06036ET3E364TS-W22G					
Frame	: 364/5TS	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	: 853 lb					
Protection degree	: IP55	Moment of inertia (J)	: 10.6 sq.ft.lb					
Design	: B							
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]	230/460	380	400	415	380	400	415	
Rated current [A]	134/67.0	65.9	63.3	61.7	81.3	77.6	74.8	
L. R. Amperes [A]	884/442	415	443	457	423	450	464	
LRC [A]	6.6x(Code G)	6.3x(Code F)	7.0x(Code G)	7.4x(Code H)	5.2x(Code E)	5.8x(Code F)	6.2x(Code F)	
No load current [A]	30.0/15.0	15.0	16.2	17.4	15.0	16.2	17.4	
Rated speed [RPM]	3560	2955	2960	2965	2945	2950	2955	
Slip [%]	1.11	1.50	1.33	1.17	1.83	1.67	1.50	
Rated torque [ft.lb]	88.5	88.9	88.7	88.6	107	107	107	
Locked rotor torque [%]	200	190	220	229	160	180	190	
Breakdown torque [%]	260	250	280	300	210	229	250	
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) 14s (hot)	21s (cold) 12s (hot)	21s (cold) 12s (hot)	21s (cold) 12s (hot)	21s (cold) 12s (hot)	21s (cold) 12s (hot)	21s (cold) 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%	91.0	91.1	90.7	90.7	92.7	92.2	92.2
	50%	91.7	92.1	91.7	91.6	92.4	92.4	92.4
	75%	93.0	92.8	92.8	92.9	93.0	93.0	93.0
	100%	93.6	93.7	93.7	93.7	92.4	93.0	93.0
Power Factor	25%	0.60	0.60	0.57	0.53	0.65	0.62	0.59
	50%	0.81	0.81	0.79	0.76	0.85	0.83	0.81
	75%	0.88	0.88	0.87	0.85	0.90	0.89	0.88
	100%	0.90	0.91	0.90	0.89	0.91	0.90	0.90
Bearing type	: Drive end : 6314 C3	Non drive end : 6314 C3	Foundation loads					
Sealing	: WSeal	WSeal	Max. traction : 486 lb					
Lubrication interval	: 4000 h	4000 h	Max. compression : 1339 lb					
Lubricant amount	: 27 g	27 g						
Lubricant type	: Mobil Polyrex EM							
Notes								
USABLE @208V 148A SF 1.10 SFA 163A								
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



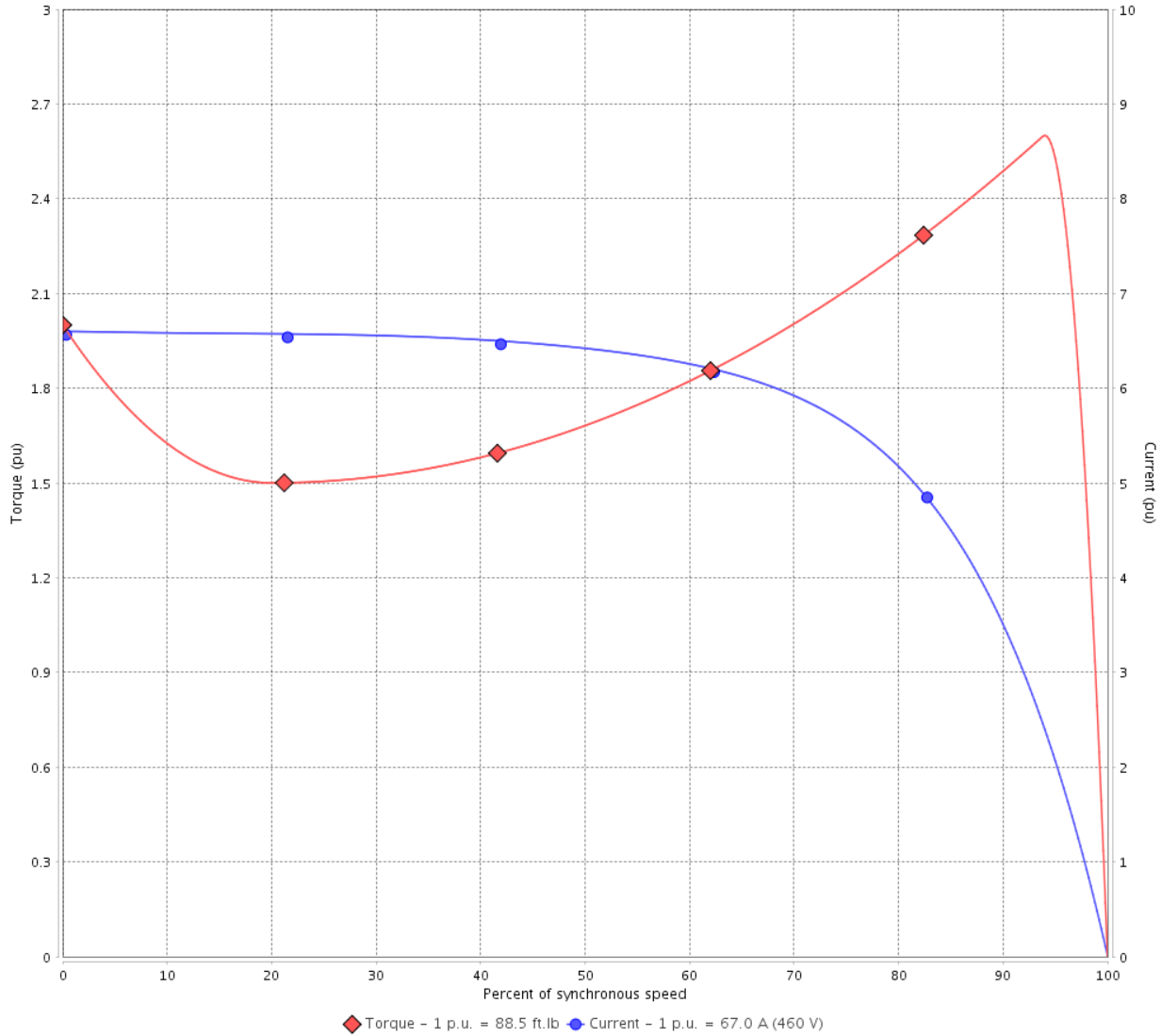
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12770002

Catalog # : 06036ET3E364TS-W22G

TORQUE AND CURRENT VS SPEED CURVE



Performance : 230/460 V 60 Hz 2P

Rated current	: 134/67.0 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 6.6	Duty cycle	: Cont.(S1)
Rated torque	: 88.5 ft.lb	Insulation class	: F
Locked rotor torque	: 200 %	Service factor	: 1.25
Breakdown torque	: 260 %	Temperature rise	: 80 K
Rated speed	: 3560 rpm	Design	: B

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

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TORQUE AND CURRENT VS SPEED CURVE



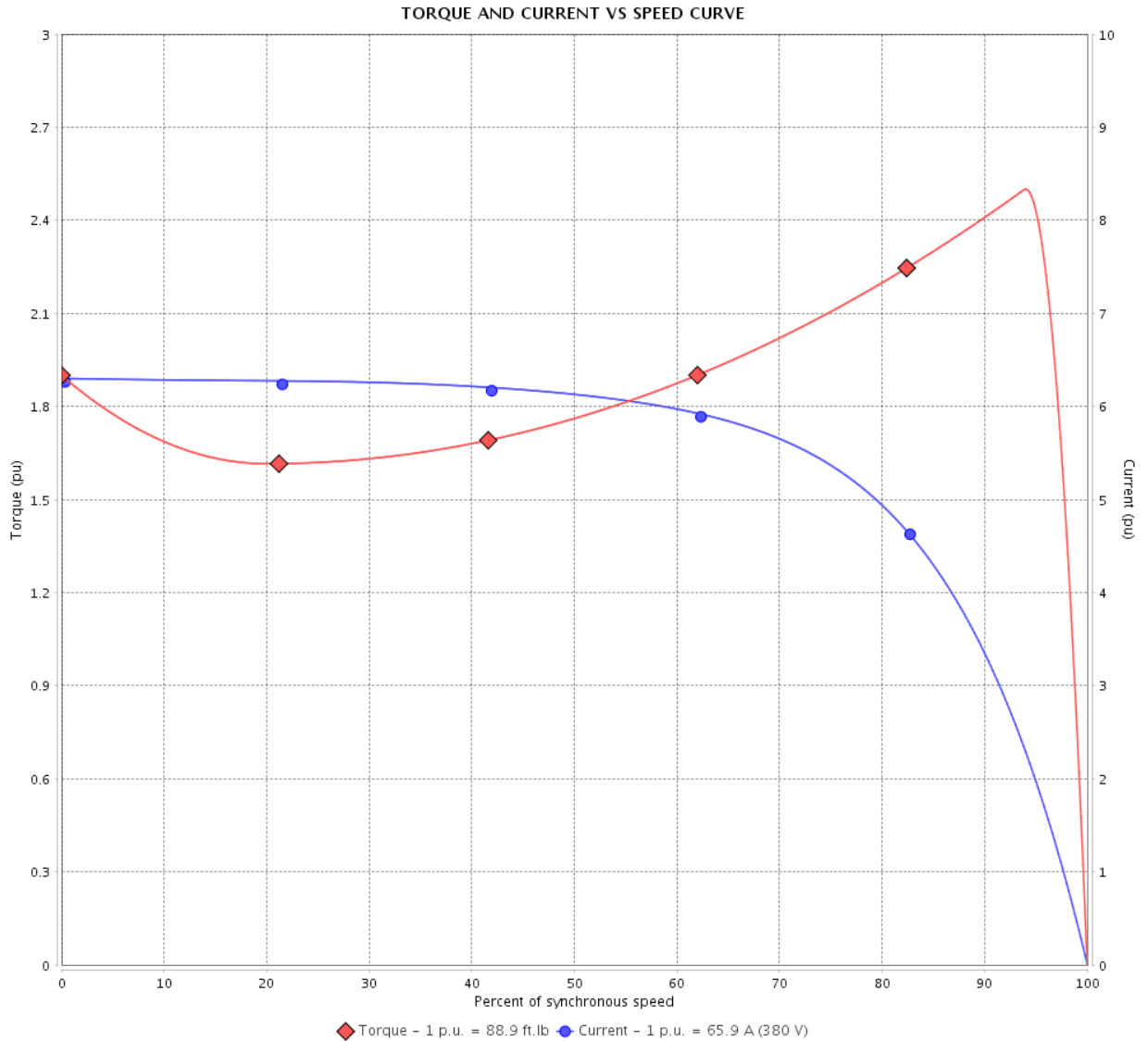
Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12770002

Catalog # : 06036ET3E364TS-W22G



Performance : 380 V 50 Hz 2P IE3

Rated current	: 65.9 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 6.3	Duty cycle	: Cont.(S1)
Rated torque	: 88.9 ft.lb	Insulation class	: F
Locked rotor torque	: 190 %	Service factor	: 1.00
Breakdown torque	: 250 %	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



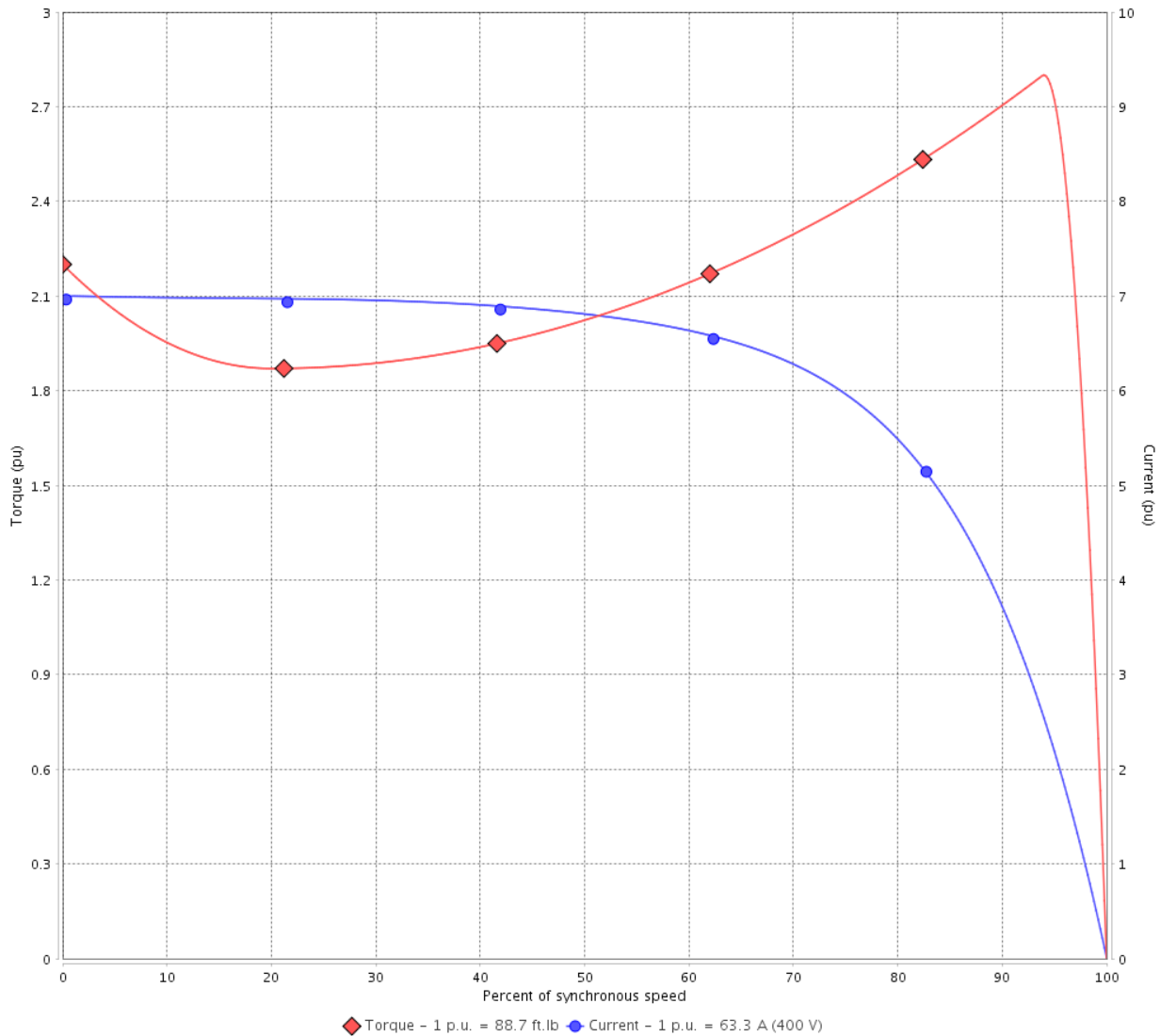
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12770002

Catalog # : 06036ET3E364TS-W22G

TORQUE AND CURRENT VS SPEED CURVE



Performance : 400 V 50 Hz 2P IE3

Rated current	: 63.3 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 7.0	Duty cycle	: Cont.(S1)
Rated torque	: 88.7 ft.lb	Insulation class	: F
Locked rotor torque	: 220 %	Service factor	: 1.00
Breakdown torque	: 280 %	Temperature rise	: 80 K
Rated speed	: 2960 rpm	Design	: B

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

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TORQUE AND CURRENT VS SPEED CURVE



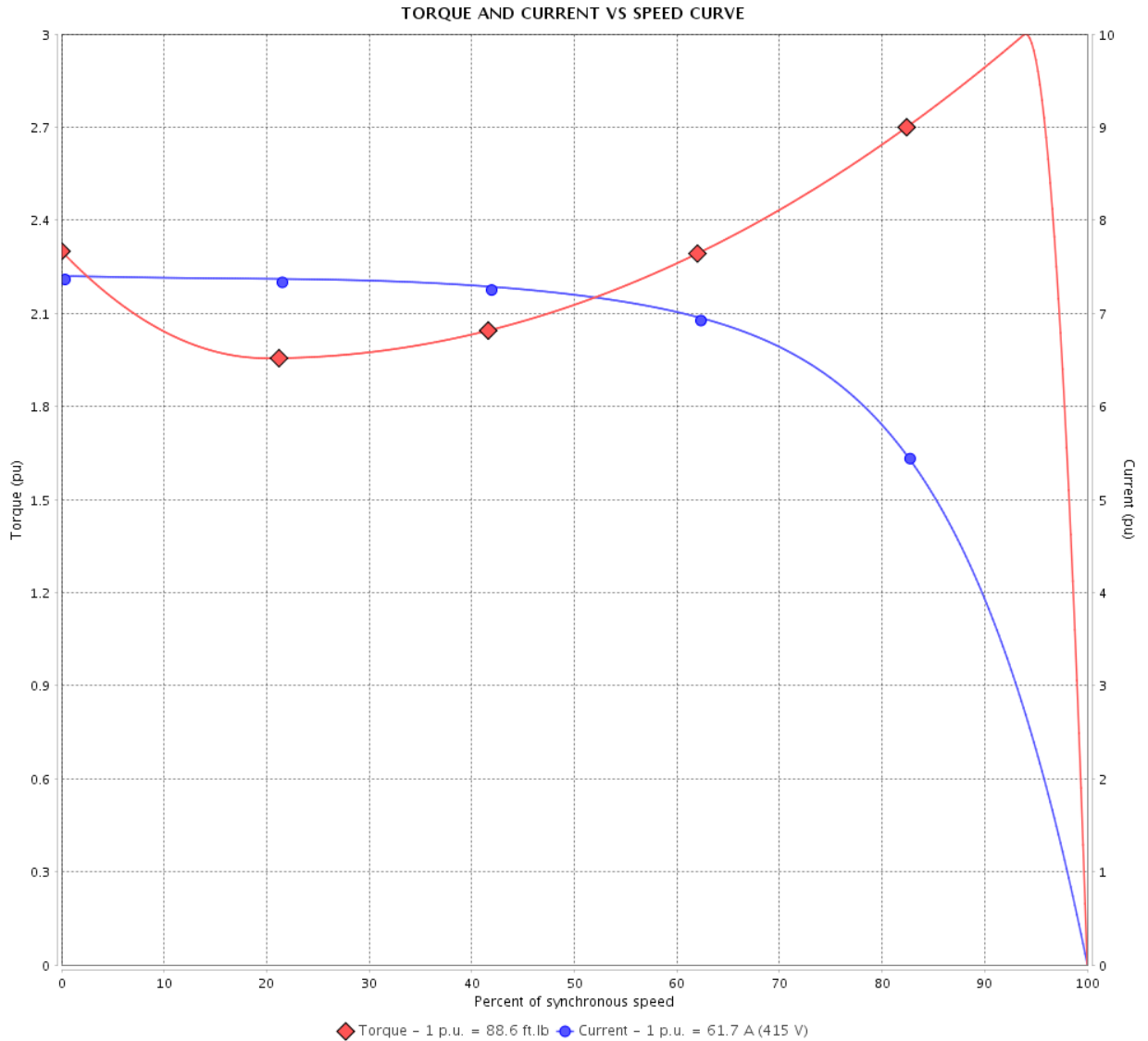
Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12770002

Catalog # : 06036ET3E364TS-W22G



Performance : 415 V 50 Hz 2P IE3

Rated current : 61.7 A
 LRC : 7.4
 Rated torque : 88.6 ft.lb
 Locked rotor torque : 229 %
 Breakdown torque : 300 %
 Rated speed : 2965 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

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

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



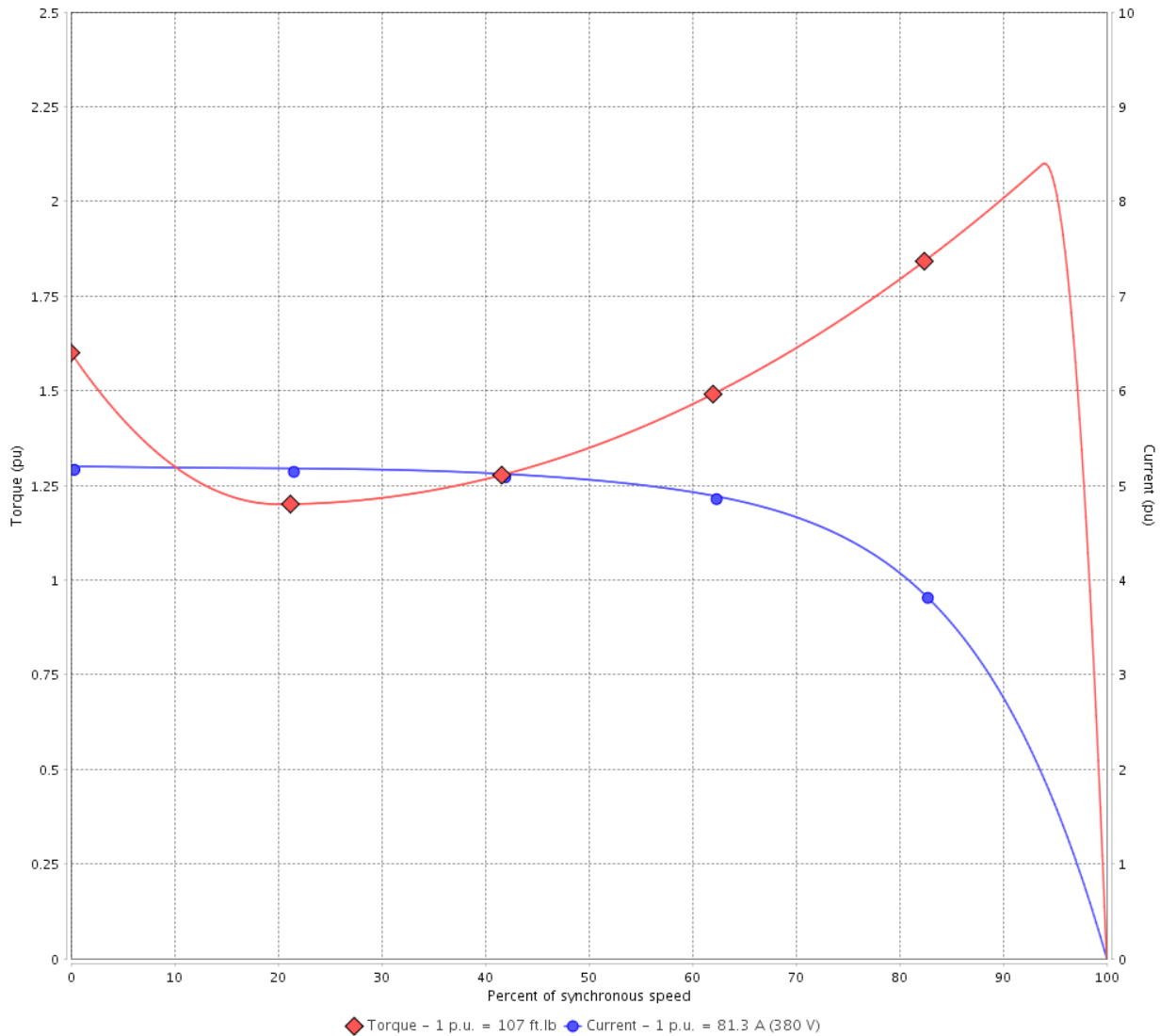
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12770002

Catalog # : 06036ET3E364TS-W22G

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	: 5.2	Duty cycle	: Cont.(S1)
Rated torque	: 107 ft.lb	Insulation class	: F
Locked rotor torque	: 160 %	Service factor	: 1.00
Breakdown torque	: 210 %	Temperature rise	: 105 K
Rated speed	: 2945 rpm	Design	: B

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

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TORQUE AND CURRENT VS SPEED CURVE



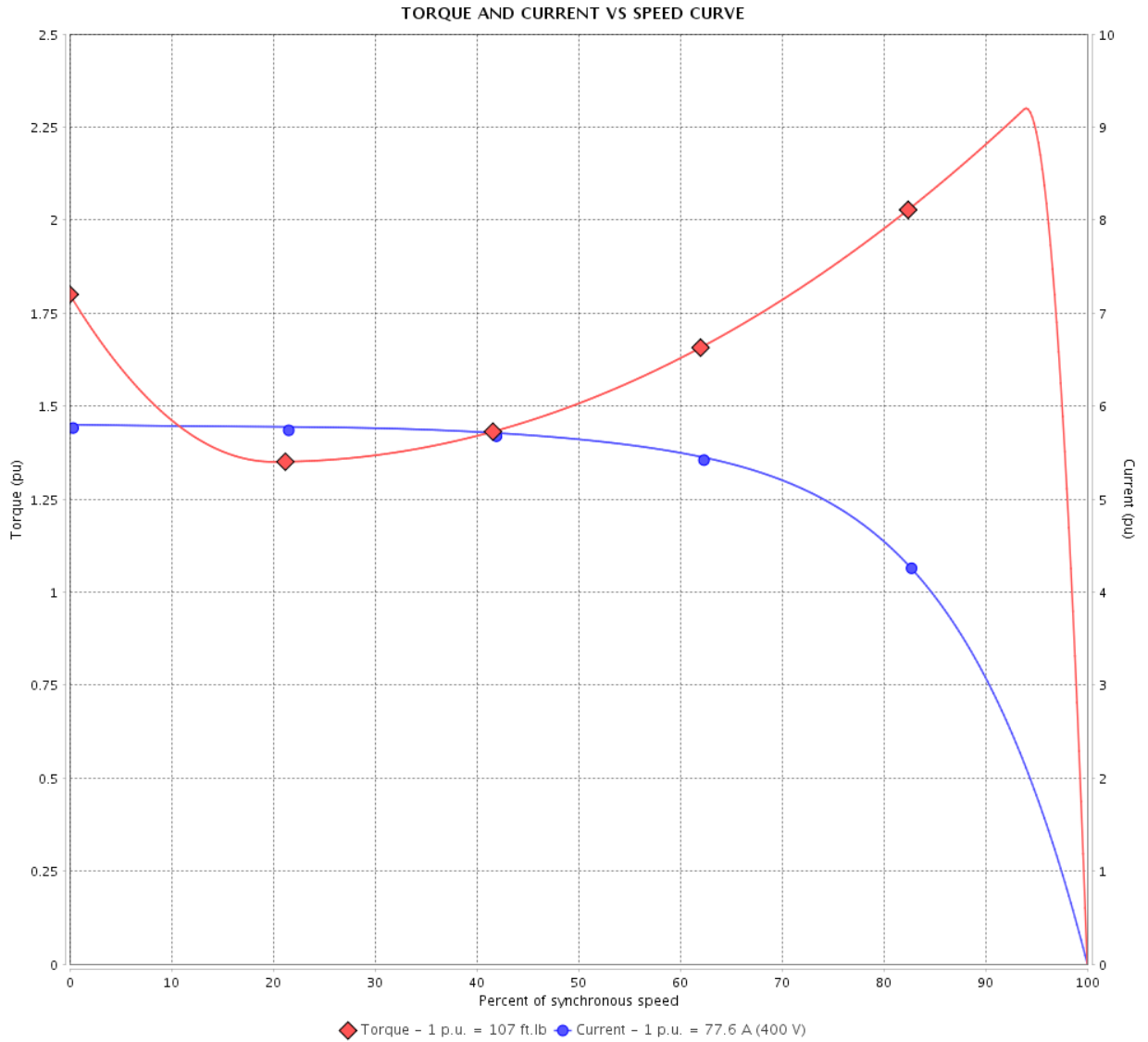
Three Phase Induction Motor - Squirrel Cage

Customer :

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Product code : 12770002

Catalog # : 06036ET3E364TS-W22G



Performance : 400 V 50 Hz 2P IE2

Rated current	: 77.6 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 5.8	Duty cycle	: Cont.(S1)
Rated torque	: 107 ft.lb	Insulation class	: F
Locked rotor torque	: 180 %	Service factor	: 1.00
Breakdown torque	: 229 %	Temperature rise	: 105 K
Rated speed	: 2950 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



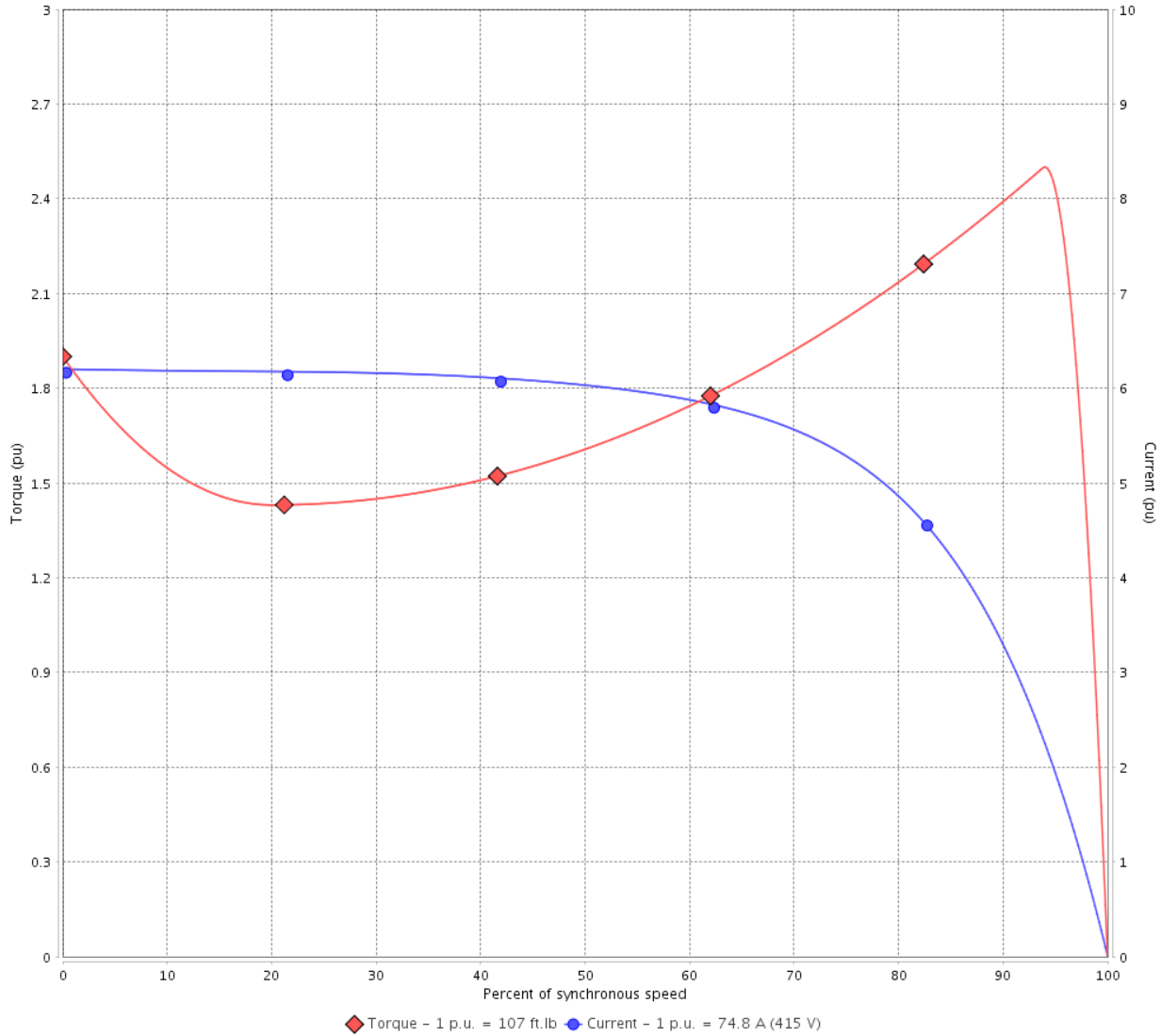
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12770002

Catalog # : 06036ET3E364TS-W22G

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	: 6.2	Duty cycle	: Cont.(S1)
Rated torque	: 107 ft.lb	Insulation class	: F
Locked rotor torque	: 190 %	Service factor	: 1.00
Breakdown torque	: 250 %	Temperature rise	: 105 K
Rated speed	: 2955 rpm	Design	: B

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

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Three Phase Induction Motor - Squirrel Cage

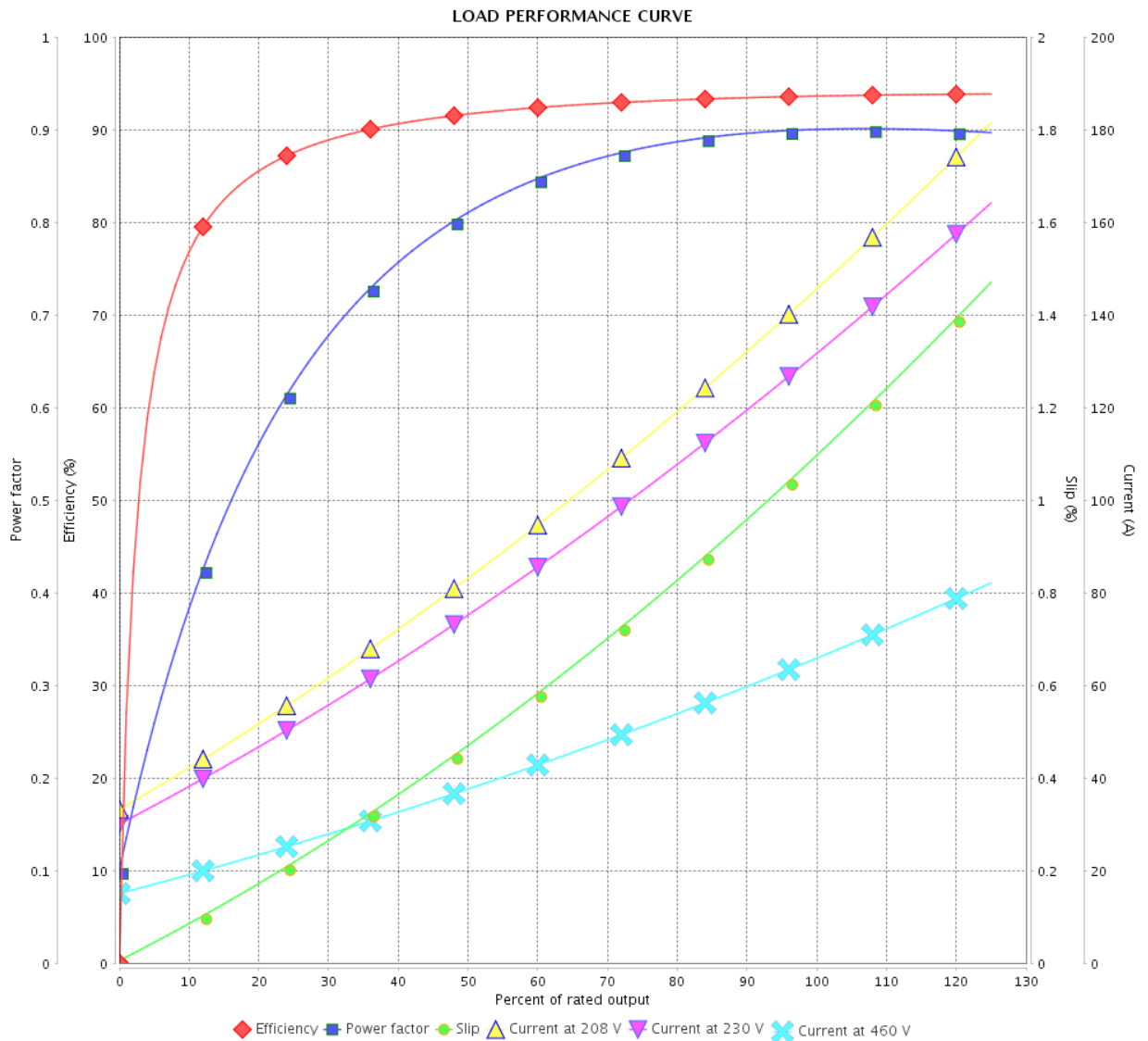


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12770002

Catalog # : 06036ET3E364TS-W22G



Performance : 230/460 V 60 Hz 2P

Rated current : 134/67.0 A
 LRC : 6.6
 Rated torque : 88.5 ft.lb
 Locked rotor torque : 200 %
 Breakdown torque : 260 %
 Rated speed : 3560 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

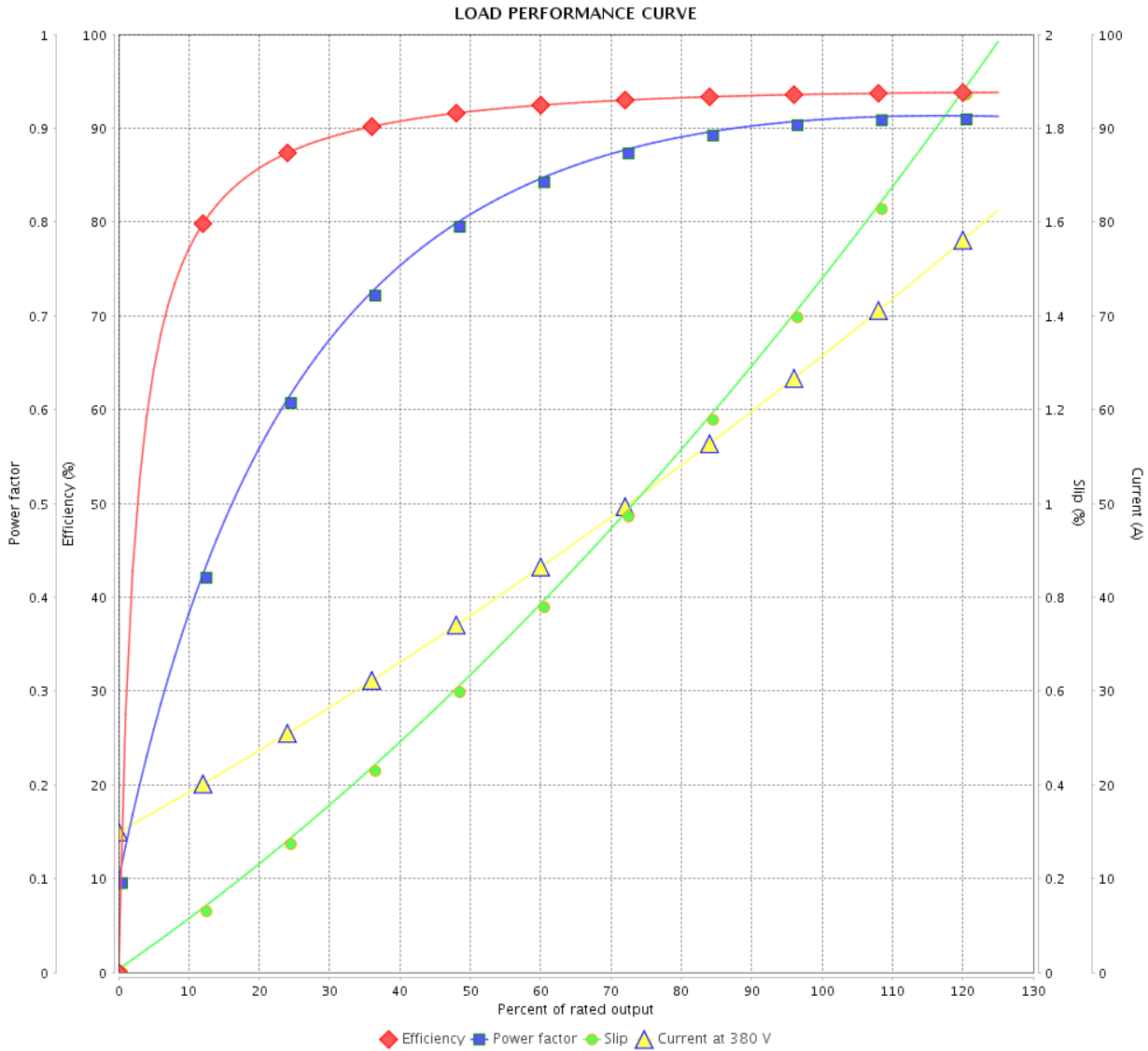


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12770002

Catalog # : 06036ET3E364TS-W22G



Performance : 380 V 50 Hz 2P IE3

Rated current	: 65.9 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 6.3	Duty cycle	: Cont.(S1)
Rated torque	: 88.9 ft.lb	Insulation class	: F
Locked rotor torque	: 190 %	Service factor	: 1.00
Breakdown torque	: 250 %	Temperature rise	: 80 K
Rated speed	: 2955 rpm	Design	: B

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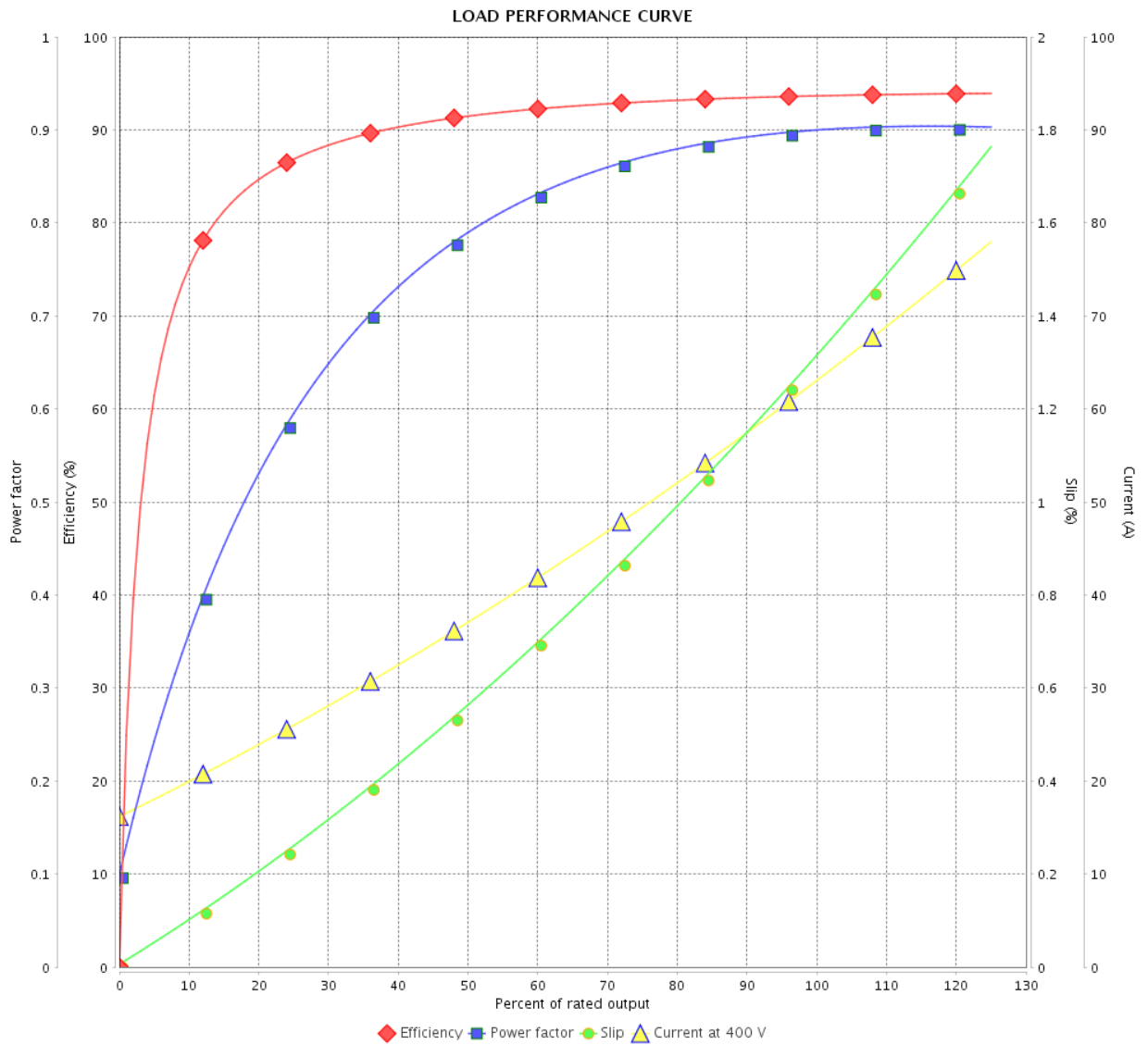


Customer : _____

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Product code : 12770002

Catalog # : 06036ET3E364TS-W22G



Performance : 400 V 50 Hz 2P IE3

Rated current : 63.3 A
 LRC : 7.0
 Rated torque : 88.7 ft.lb
 Locked rotor torque : 220 %
 Breakdown torque : 280 %
 Rated speed : 2960 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



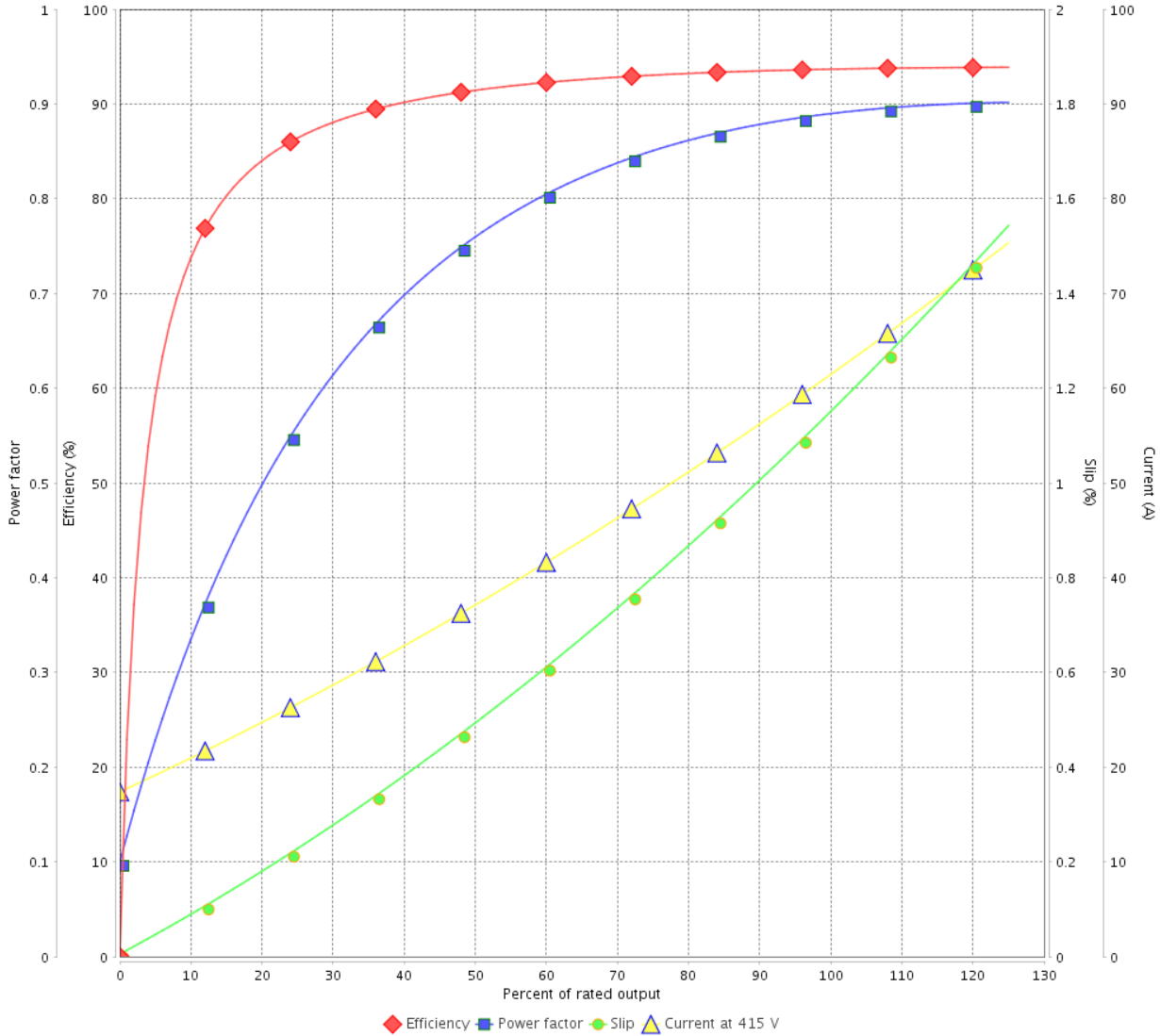
Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12770002

Catalog # : 06036ET3E364TS-W22G

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Performance : 415 V 50 Hz 2P IE3

Rated current : 61.7 A
 LRC : 7.4
 Rated torque : 88.6 ft.lb
 Locked rotor torque : 229 %
 Breakdown torque : 300 %
 Rated speed : 2965 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

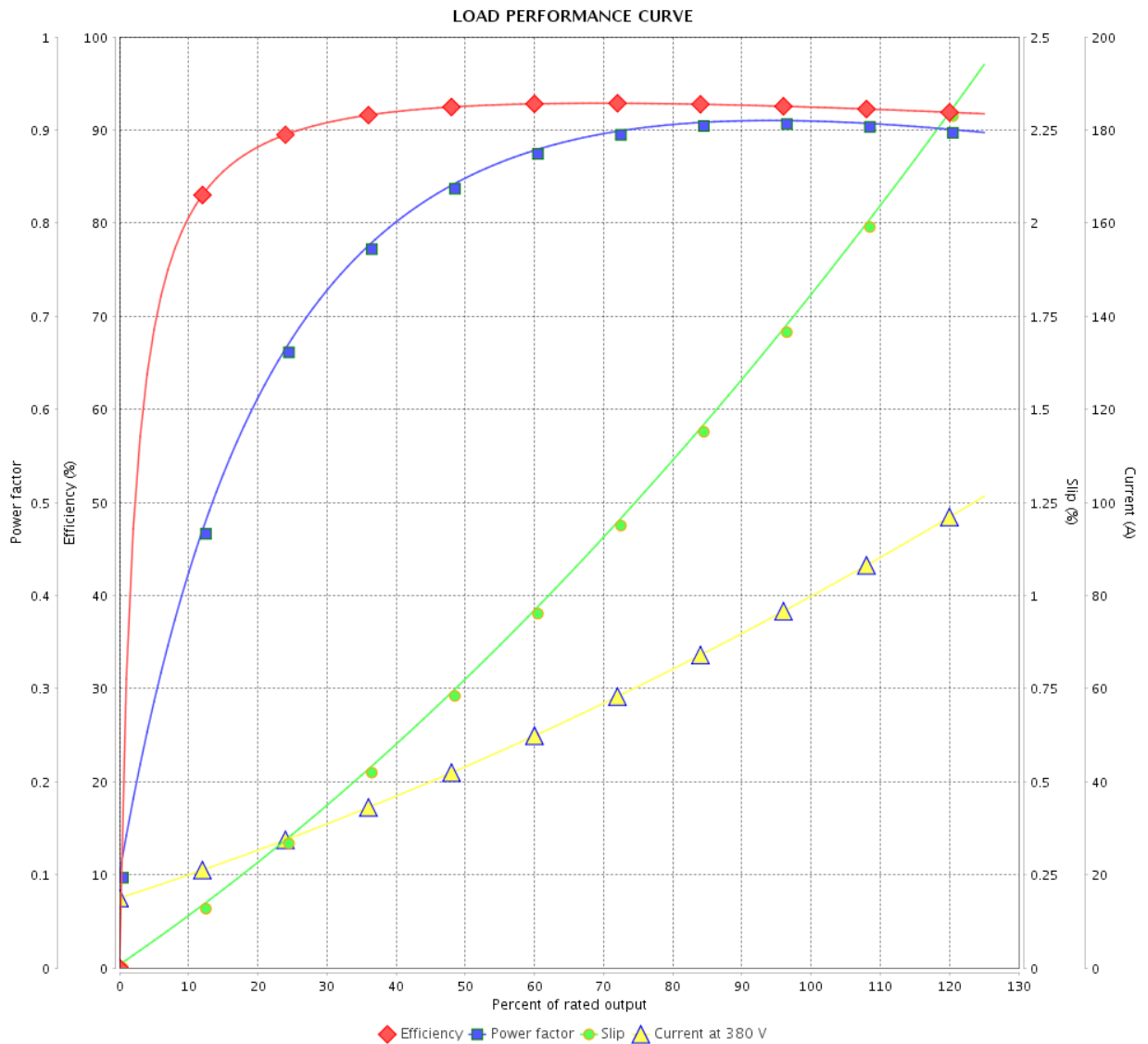


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12770002

Catalog # : 06036ET3E364TS-W22G



Performance : 380 V 50 Hz 2P IE1

Rated current : 81.3 A
 LRC : 5.2
 Rated torque : 107 ft.lb
 Locked rotor torque : 160 %
 Breakdown torque : 210 %
 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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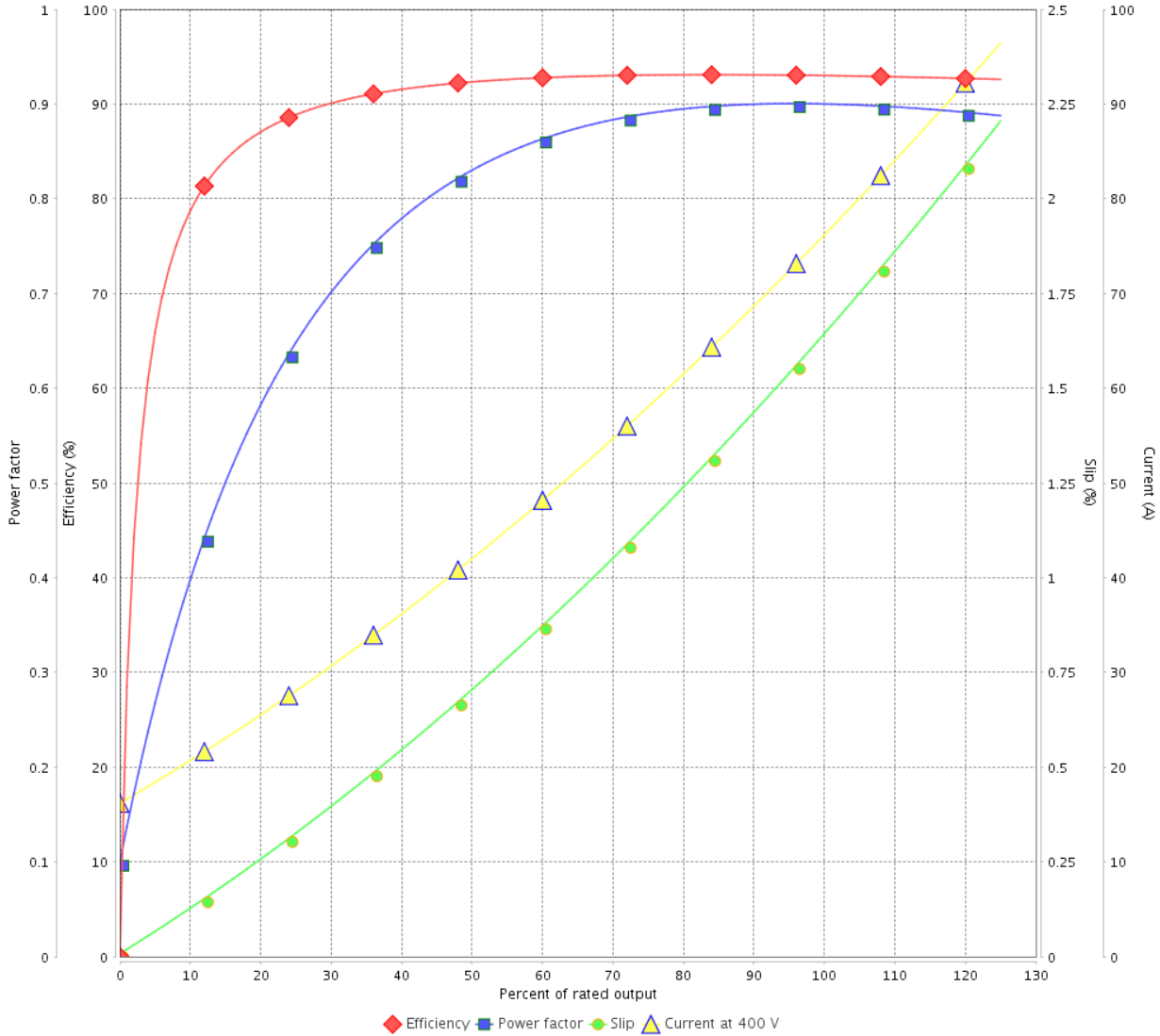
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12770002

Catalog # : 06036ET3E364TS-W22G

LOAD PERFORMANCE CURVE



Performance : 400 V 50 Hz 2P IE2

Rated current : 77.6 A
 LRC : 5.8
 Rated torque : 107 ft.lb
 Locked rotor torque : 180 %
 Breakdown torque : 229 %
 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 : 105 K
 Design : B

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Three Phase Induction Motor - Squirrel Cage

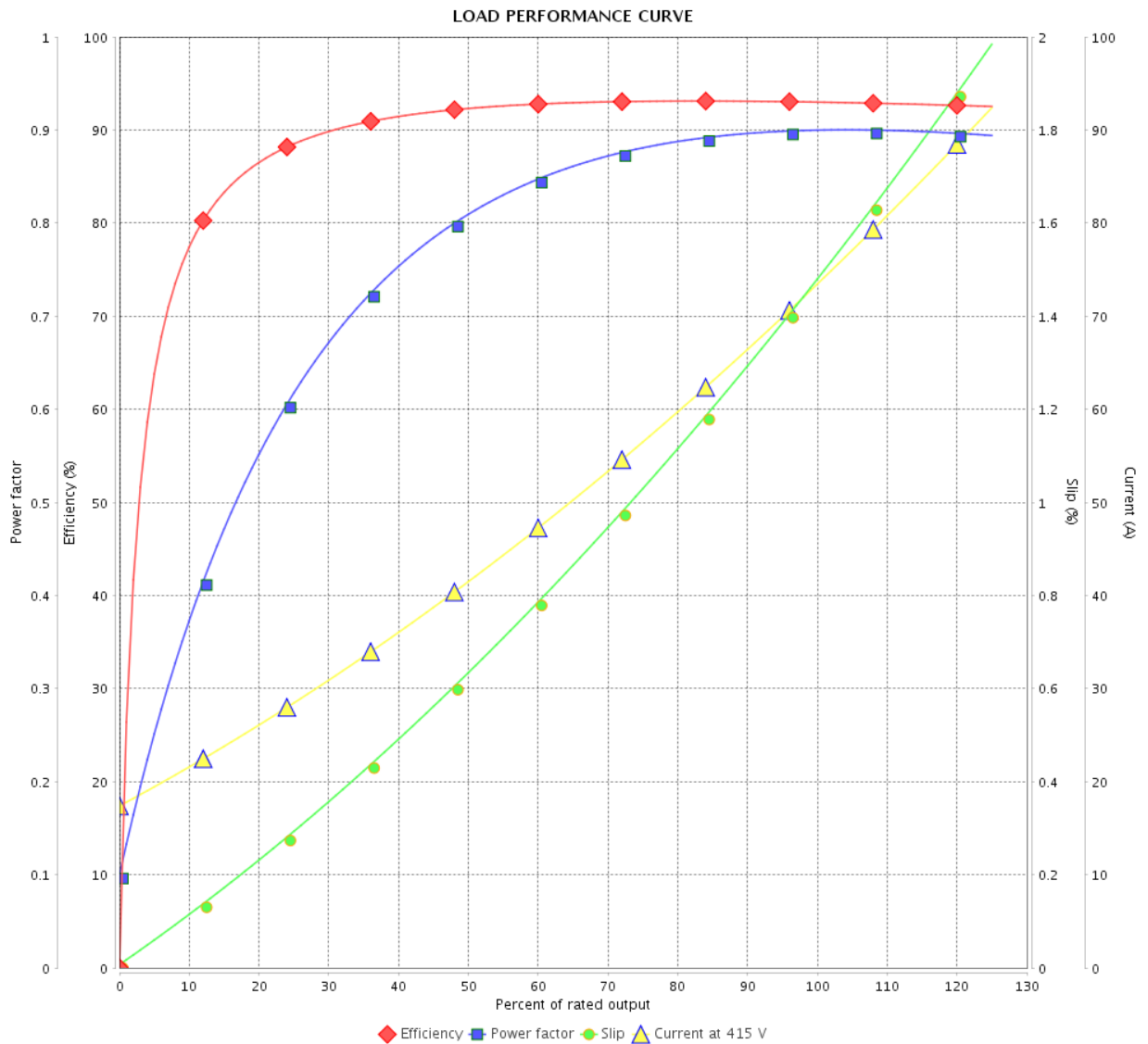


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12770002

Catalog # : 06036ET3E364TS-W22G



Performance : 415 V 50 Hz 2P IE2

Rated current : 74.8 A
 LRC : 6.2
 Rated torque : 107 ft.lb
 Locked rotor torque : 190 %
 Breakdown torque : 250 %
 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 : 105 K
 Design : B

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Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase
Product code : 12770002
Catalog # : 06036ET3E364TS-W22G

Performance : 230/460 V 60 Hz 2P

Rated current	: 134/67.0 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 6.6	Duty cycle	: Cont.(S1)
Rated torque	: 88.5 ft.lb	Insulation class	: F
Locked rotor torque	: 200 %	Service factor	: 1.25
Breakdown torque	: 260 %	Temperature rise	: 80 K
Rated speed	: 3560 rpm	Design	: B

Heating constant

Cooling constant

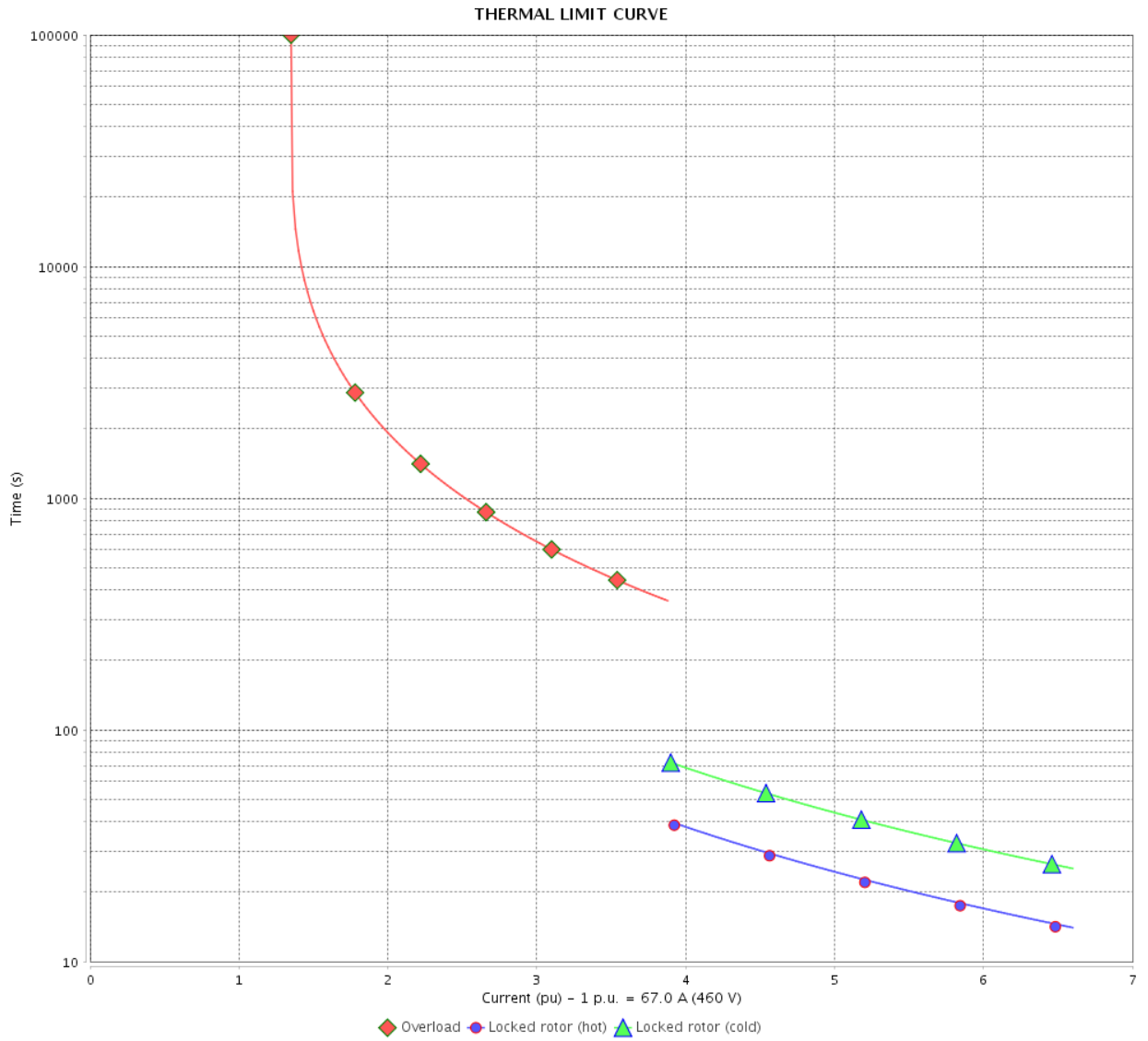
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Three Phase Induction Motor - Squirrel Cage



Customer : _____



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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase
Product code : 12770002
Catalog # : 06036ET3E364TS-W22G

Performance : 380 V 50 Hz 2P IE3

Rated current	: 65.9 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 6.3	Duty cycle	: Cont.(S1)
Rated torque	: 88.9 ft.lb	Insulation class	: F
Locked rotor torque	: 190 %	Service factor	: 1.00
Breakdown torque	: 250 %	Temperature rise	: 80 K
Rated speed	: 2955 rpm	Design	: B

Heating constant

Cooling constant

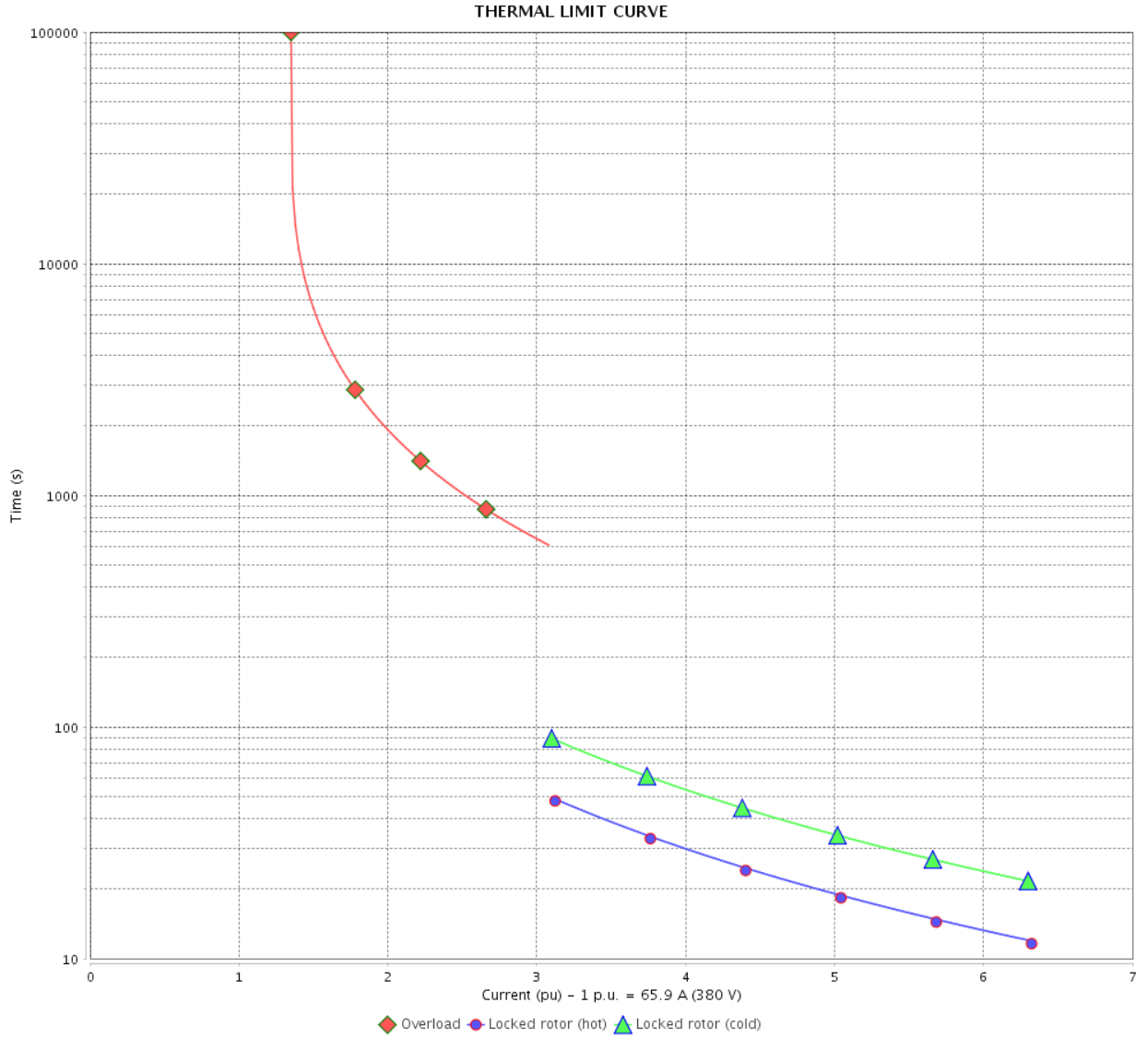
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Three Phase Induction Motor - Squirrel Cage



Customer : _____



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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase
Product code : 12770002
Catalog # : 06036ET3E364TS-W22G

Performance : 400 V 50 Hz 2P IE3

Rated current	: 63.3 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 7.0	Duty cycle	: Cont.(S1)
Rated torque	: 88.7 ft.lb	Insulation class	: F
Locked rotor torque	: 220 %	Service factor	: 1.00
Breakdown torque	: 280 %	Temperature rise	: 80 K
Rated speed	: 2960 rpm	Design	: B

Heating constant

Cooling constant

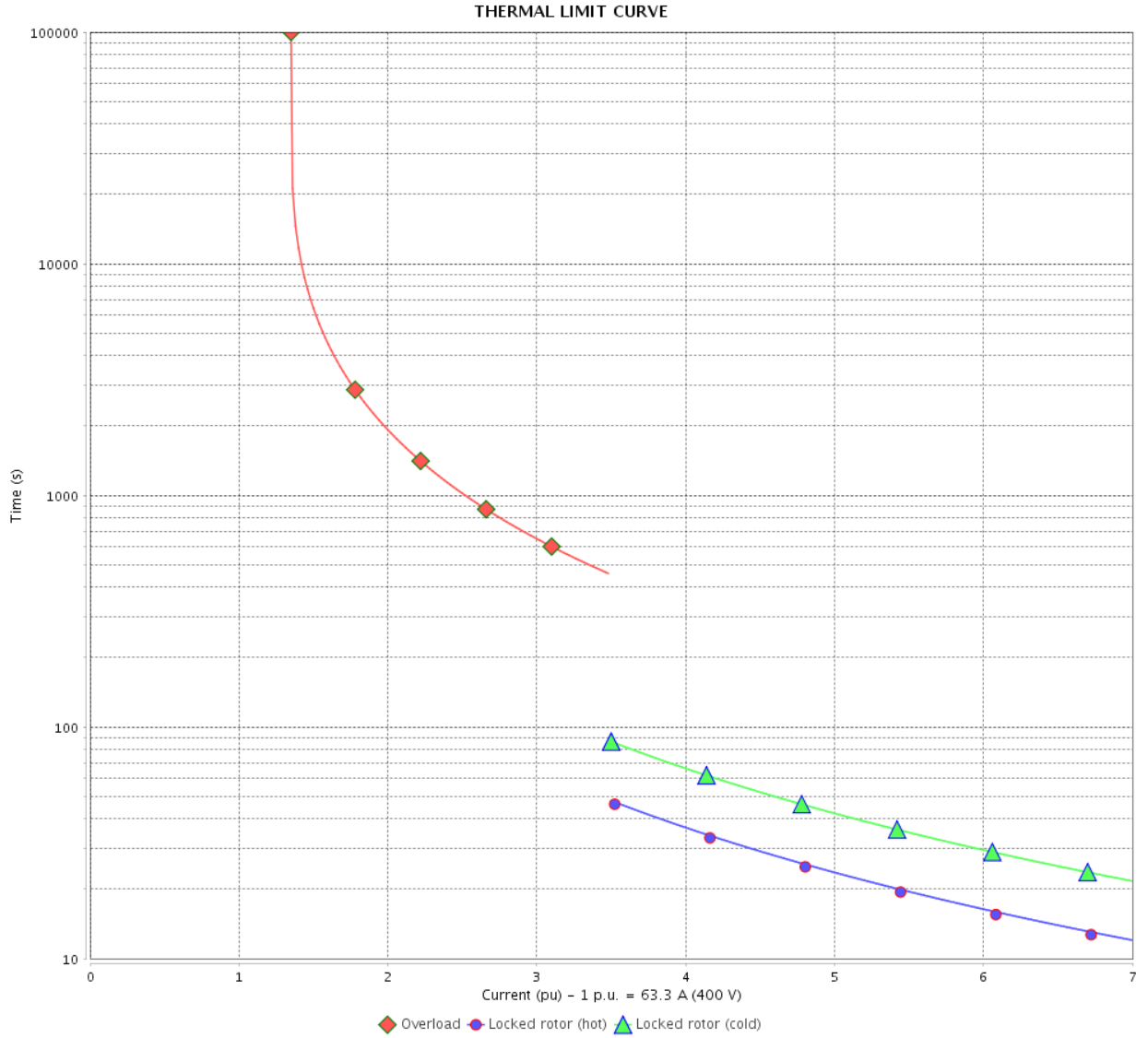
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Customer : _____



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THERMAL LIMIT CURVE



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Product code : 12770002
Catalog # : 06036ET3E364TS-W22G

Performance : 415 V 50 Hz 2P IE3

Rated current	: 61.7 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 7.4	Duty cycle	: Cont.(S1)
Rated torque	: 88.6 ft.lb	Insulation class	: F
Locked rotor torque	: 229 %	Service factor	: 1.00
Breakdown torque	: 300 %	Temperature rise	: 80 K
Rated speed	: 2965 rpm	Design	: B

Heating constant

Cooling constant

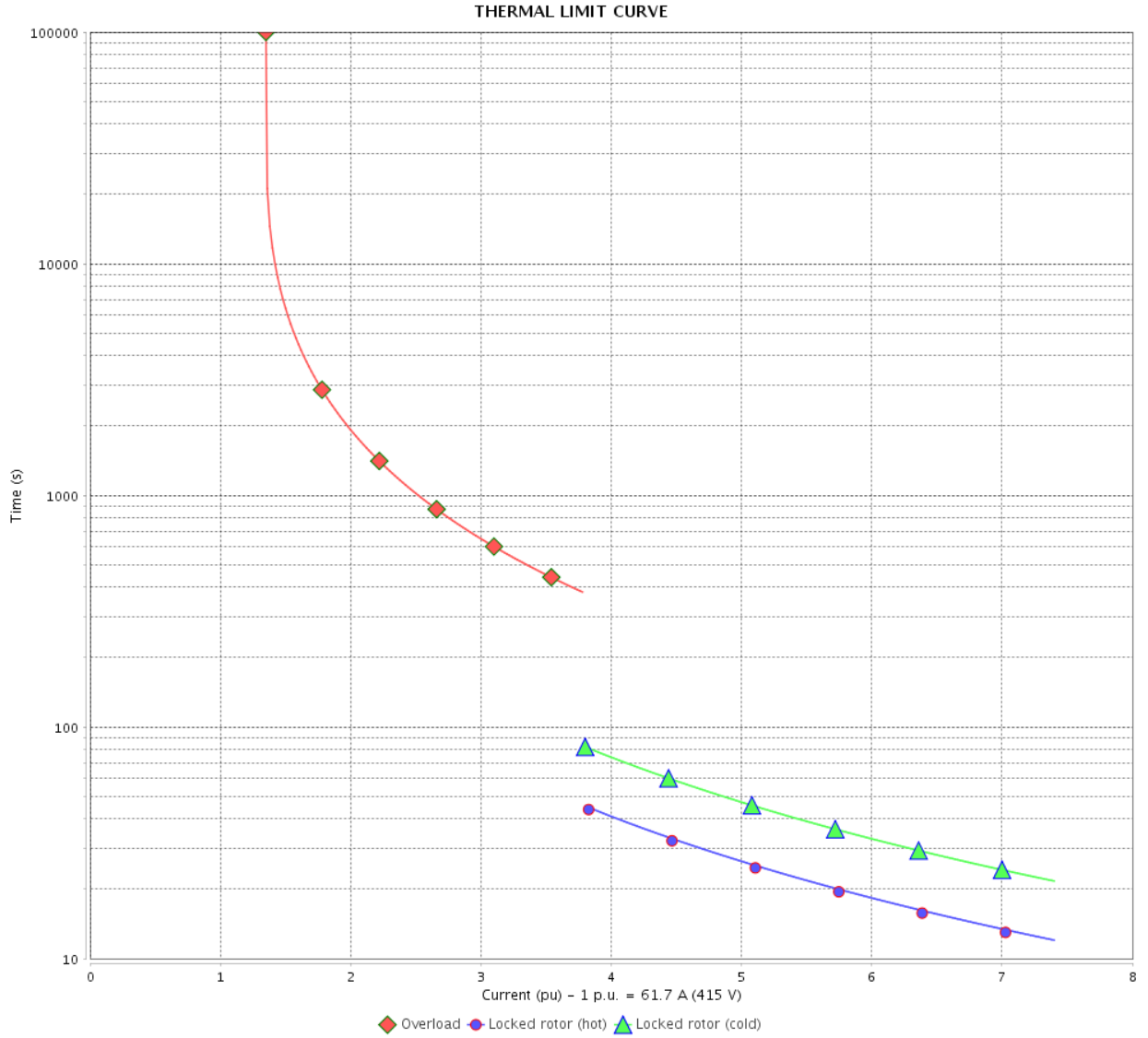
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Customer : _____



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Product code : 12770002
Catalog # : 06036ET3E364TS-W22G

Performance : 380 V 50 Hz 2P IE1

Rated current	: 81.3 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 5.2	Duty cycle	: Cont.(S1)
Rated torque	: 107 ft.lb	Insulation class	: F
Locked rotor torque	: 160 %	Service factor	: 1.00
Breakdown torque	: 210 %	Temperature rise	: 105 K
Rated speed	: 2945 rpm	Design	: B

Heating constant

Cooling constant

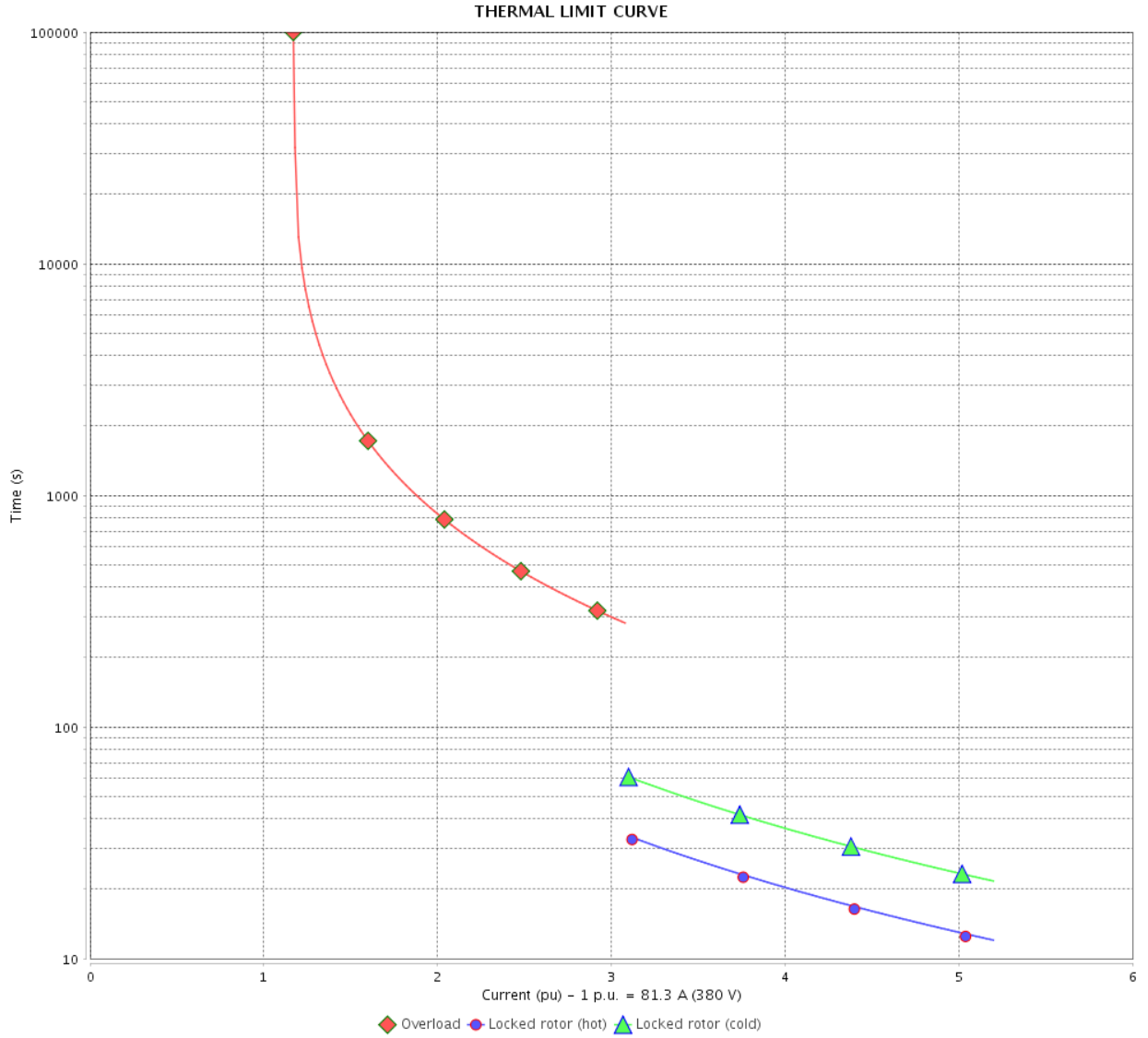
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Product code : 12770002
Catalog # : 06036ET3E364TS-W22G

Performance : 400 V 50 Hz 2P IE2

Rated current	: 77.6 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 5.8	Duty cycle	: Cont.(S1)
Rated torque	: 107 ft.lb	Insulation class	: F
Locked rotor torque	: 180 %	Service factor	: 1.00
Breakdown torque	: 229 %	Temperature rise	: 105 K
Rated speed	: 2950 rpm	Design	: B

Heating constant

Cooling constant

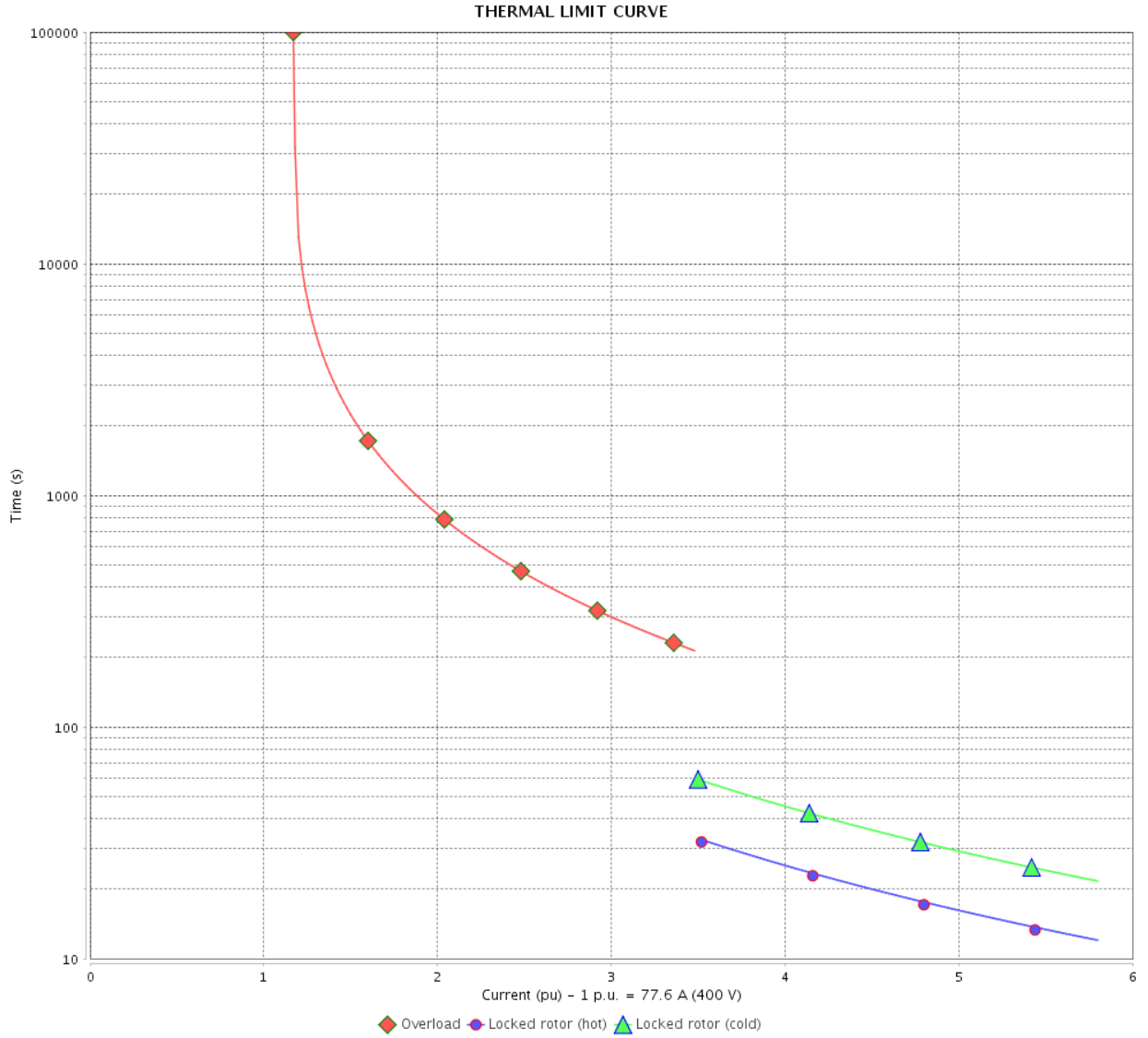
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____



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Checked by				
Date				
			Page	Revision
			27 / 36	

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase
Product code : 12770002
Catalog # : 06036ET3E364TS-W22G

Performance : 415 V 50 Hz 2P IE2

Rated current	: 74.8 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 6.2	Duty cycle	: Cont.(S1)
Rated torque	: 107 ft.lb	Insulation class	: F
Locked rotor torque	: 190 %	Service factor	: 1.00
Breakdown torque	: 250 %	Temperature rise	: 105 K
Rated speed	: 2955 rpm	Design	: B

Heating constant

Cooling constant

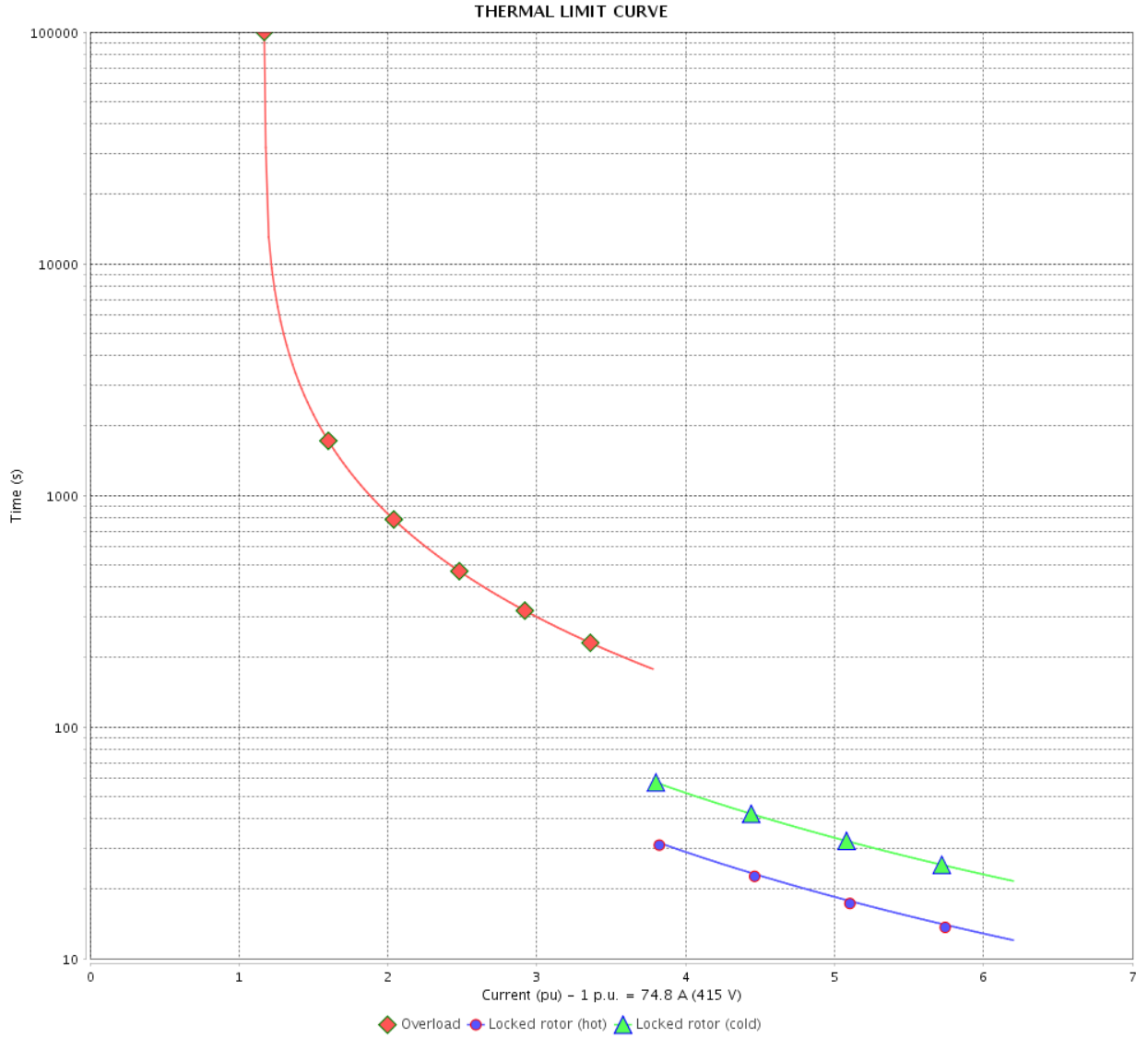
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____



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Date				

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



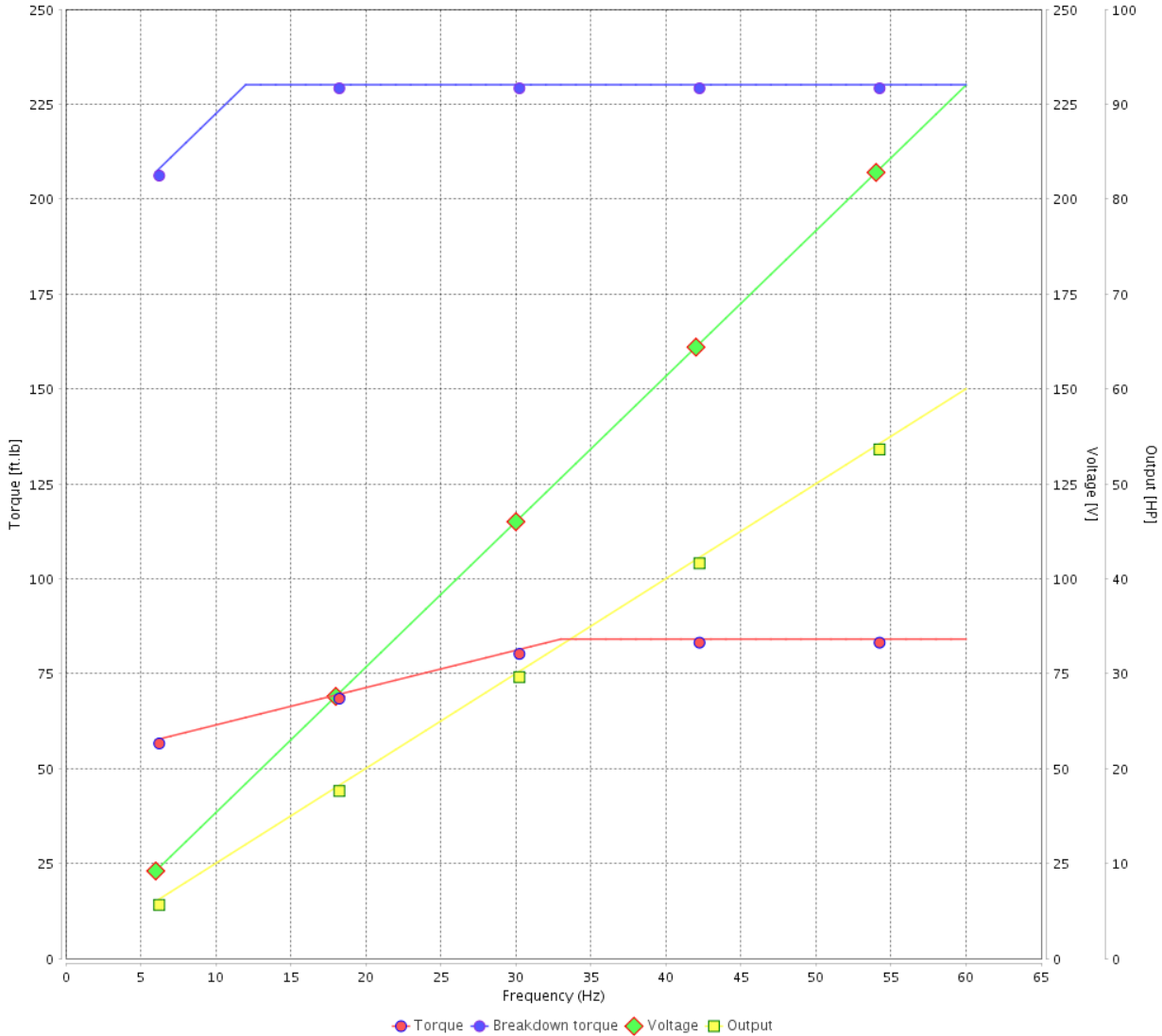
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12770002

Catalog # : 06036ET3E364TS-W22G

VFD OPERATION CURVE



Performance : 230/460 V 60 Hz 2P

Rated current : 134/67.0 A
 LRC : 6.6
 Rated torque : 88.5 ft.lb
 Locked rotor torque : 200 %
 Breakdown torque : 260 %
 Rated speed : 3560 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
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Checked by				
Date	13/04/2022			

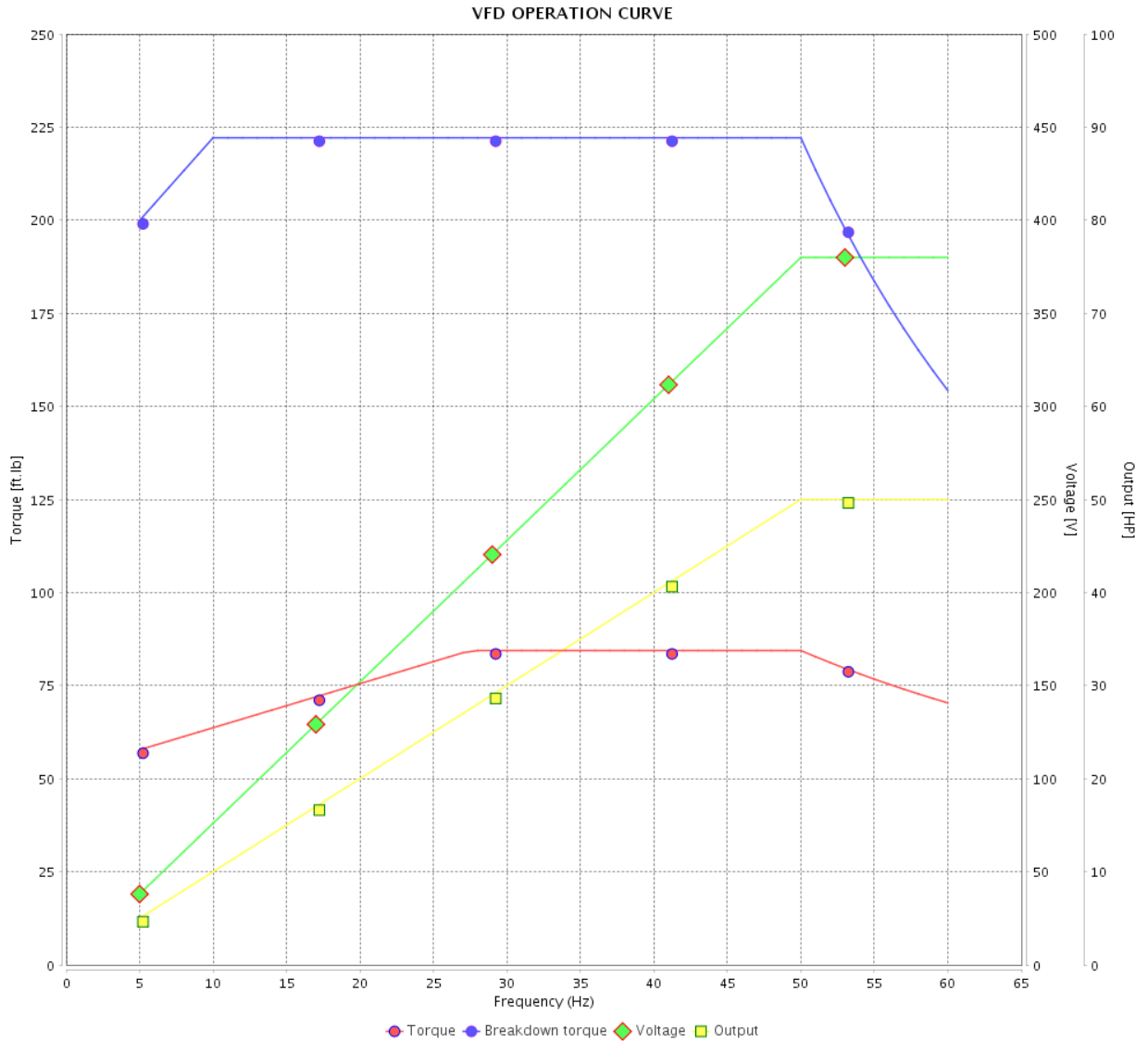
VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase
 Product code : 12770002
 Catalog # : 06036ET3E364TS-W22G



Performance : 380 V 50 Hz 2P IE3

Rated current : 65.9 A	Moment of inertia (J) : 10.6 sq.ft.lb
LRC : 6.3	Duty cycle : Cont.(S1)
Rated torque : 88.9 ft.lb	Insulation class : F
Locked rotor torque : 190 %	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

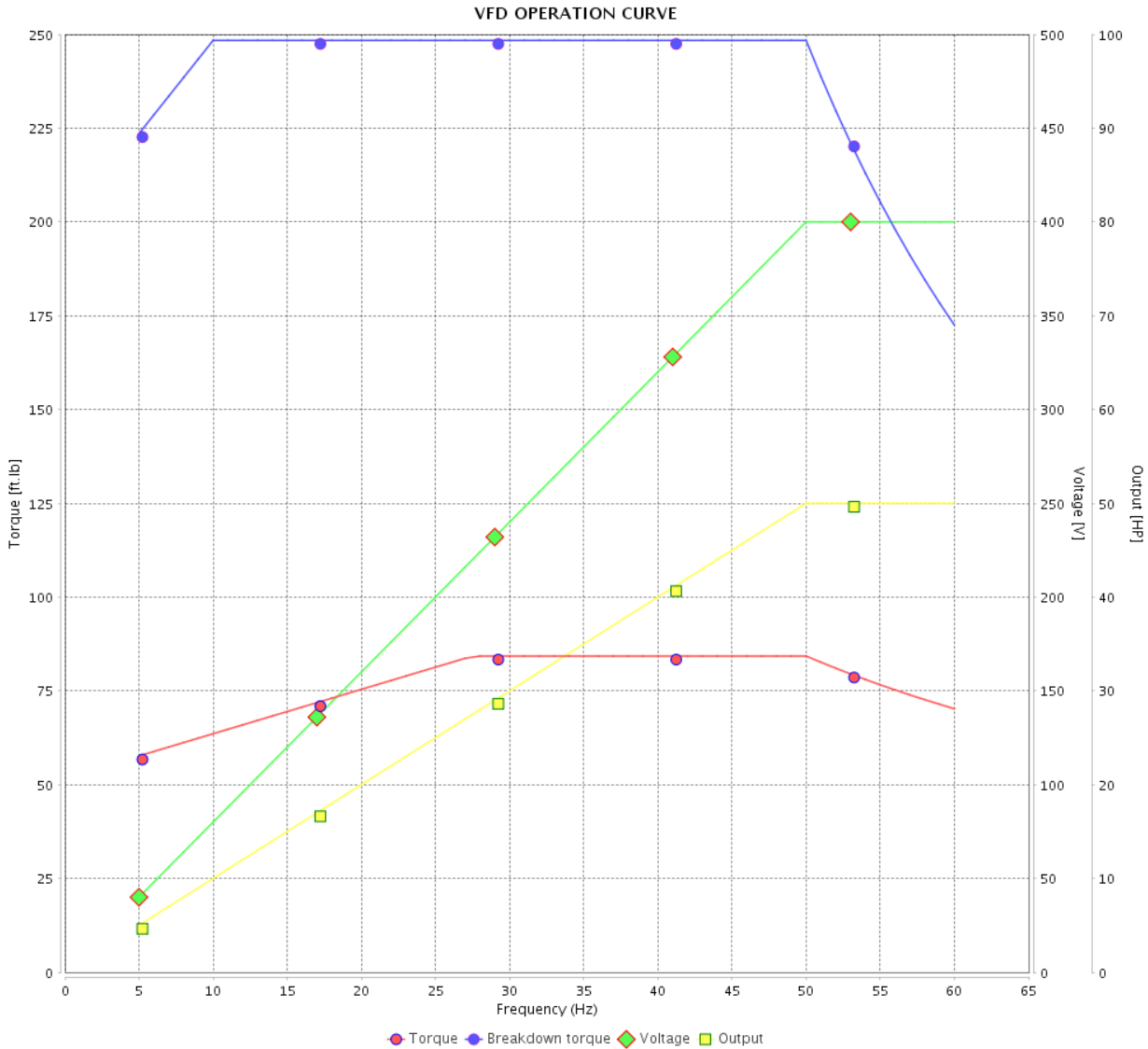


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12770002

Catalog # : 06036ET3E364TS-W22G



Performance : 400 V 50 Hz 2P IE3

Rated current : 63.3 A
 LRC : 7.0
 Rated torque : 88.7 ft.lb
 Locked rotor torque : 220 %
 Breakdown torque : 280 %
 Rated speed : 2960 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				

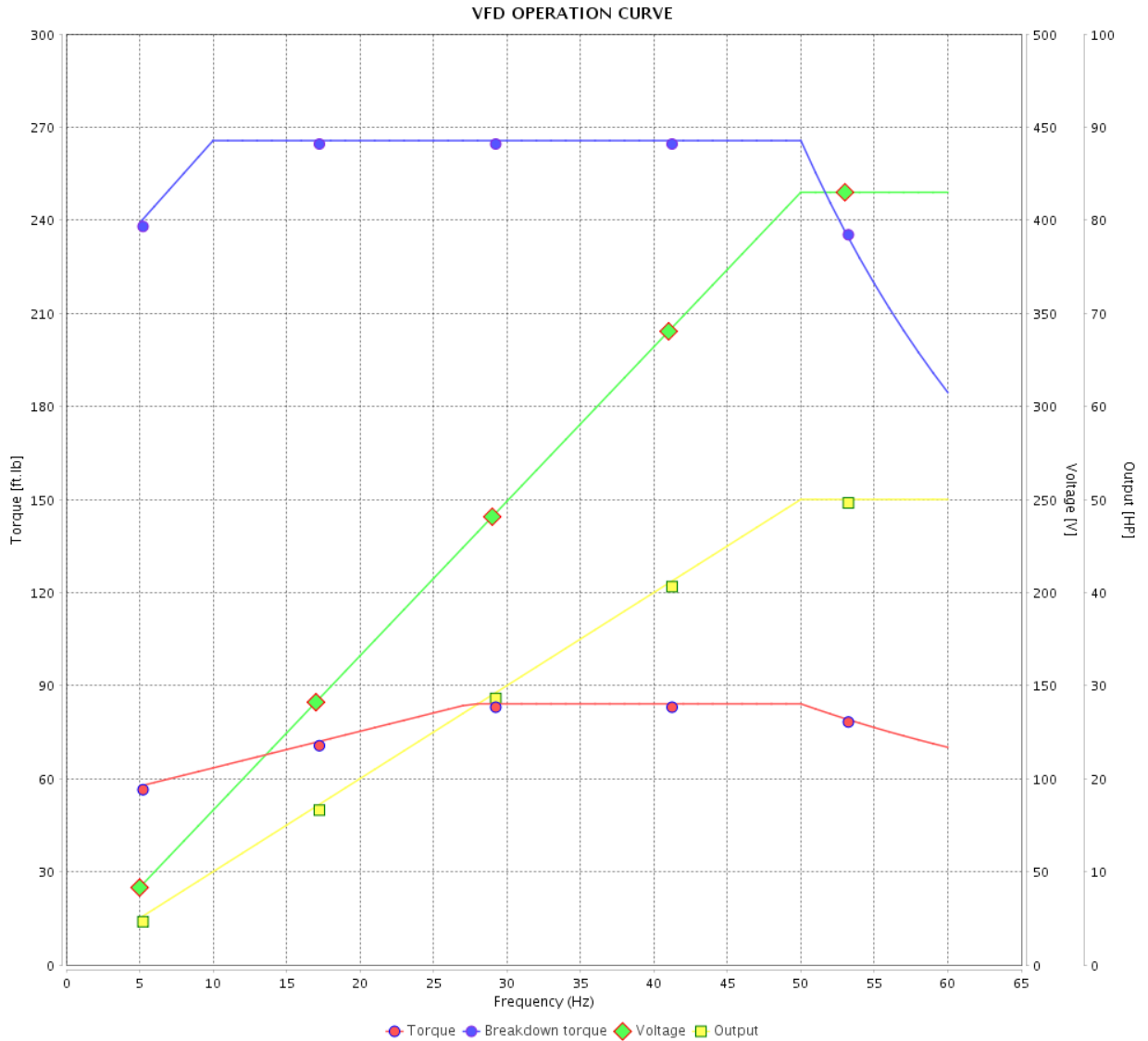
VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase
 Product code : 12770002
 Catalog # : 06036ET3E364TS-W22G



Performance : 415 V 50 Hz 2P IE3

Rated current	: 61.7 A	Moment of inertia (J)	: 10.6 sq.ft.lb
LRC	: 7.4	Duty cycle	: Cont.(S1)
Rated torque	: 88.6 ft.lb	Insulation class	: F
Locked rotor torque	: 229 %	Service factor	: 1.00
Breakdown torque	: 300 %	Temperature rise	: 80 K
Rated speed	: 2965 rpm	Design	: B

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Performed by			Page 33 / 36	Revision
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VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

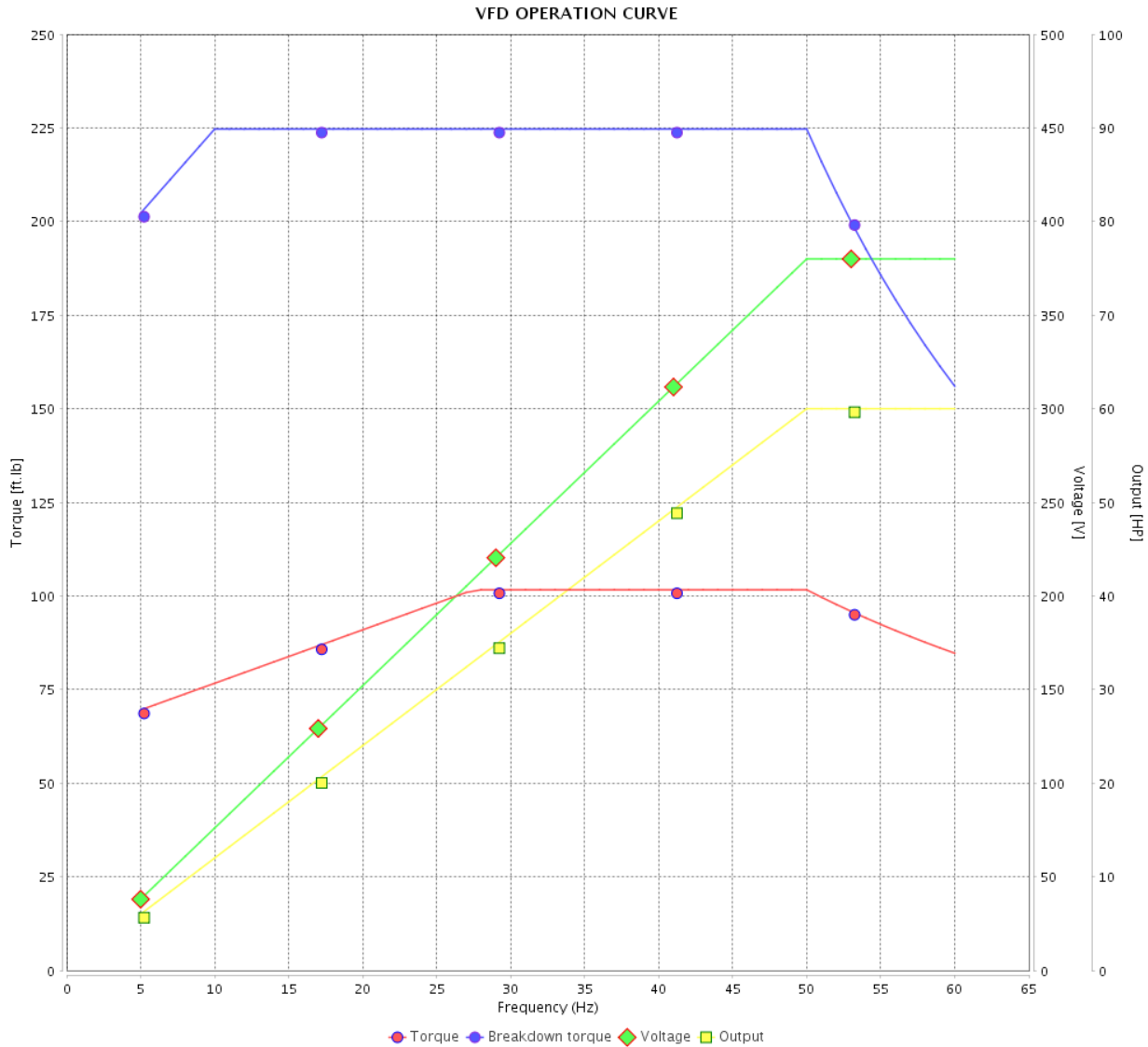


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12770002

Catalog # : 06036ET3E364TS-W22G



Performance : 380 V 50 Hz 2P IE1

Rated current : 81.3 A
 LRC : 5.2
 Rated torque : 107 ft.lb
 Locked rotor torque : 160 %
 Breakdown torque : 210 %
 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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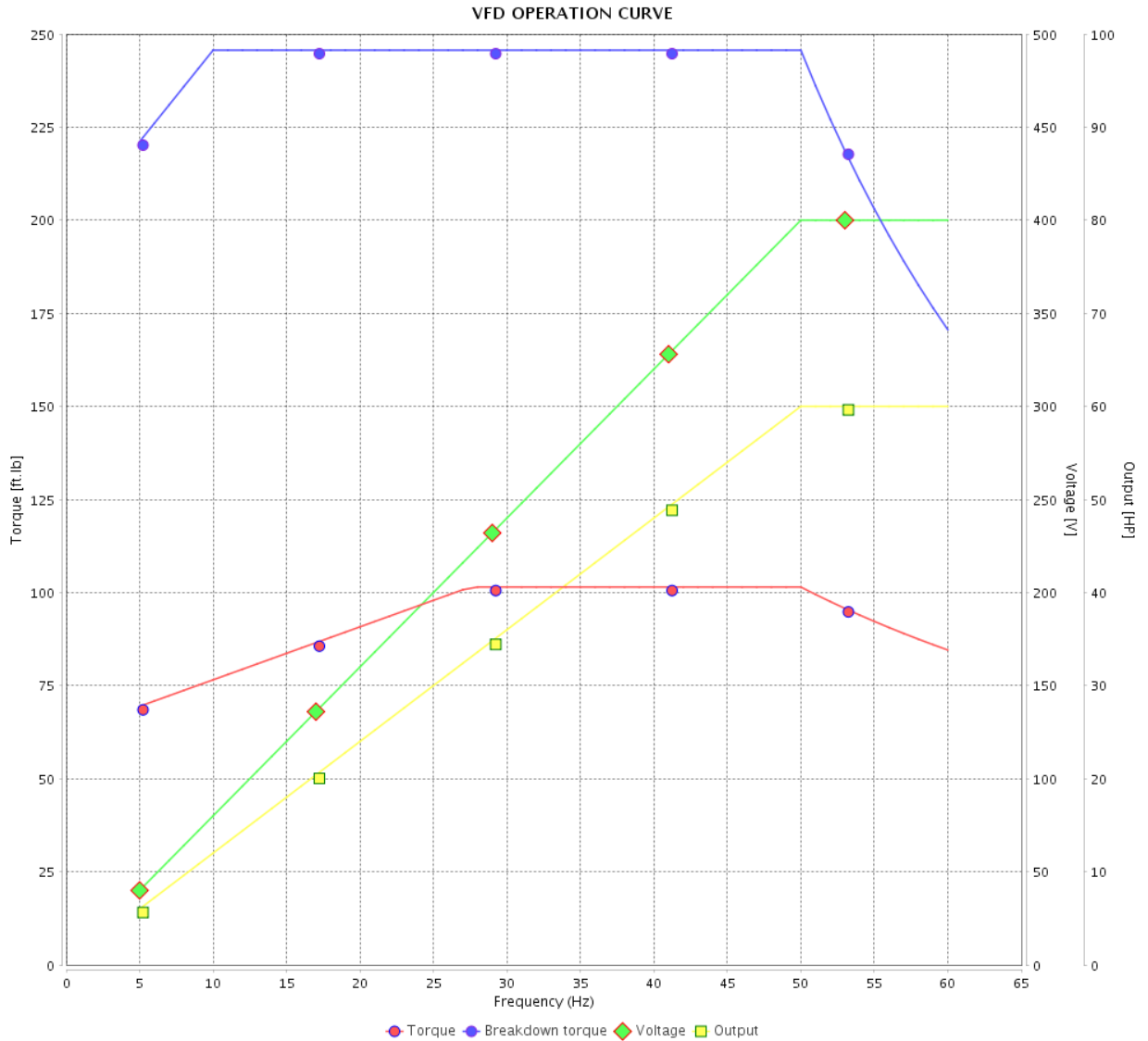
VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase
 Product code : 12770002
 Catalog # : 06036ET3E364TS-W22G



Performance : 400 V 50 Hz 2P IE2

Rated current : 77.6 A	Moment of inertia (J) : 10.6 sq.ft.lb
LRC : 5.8	Duty cycle : Cont.(S1)
Rated torque : 107 ft.lb	Insulation class : F
Locked rotor torque : 180 %	Service factor : 1.00
Breakdown torque : 229 %	Temperature rise : 105 K
Rated speed : 2950 rpm	Design : B

Rev.	Changes Summary	Performed	Checked	Date
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Date				

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



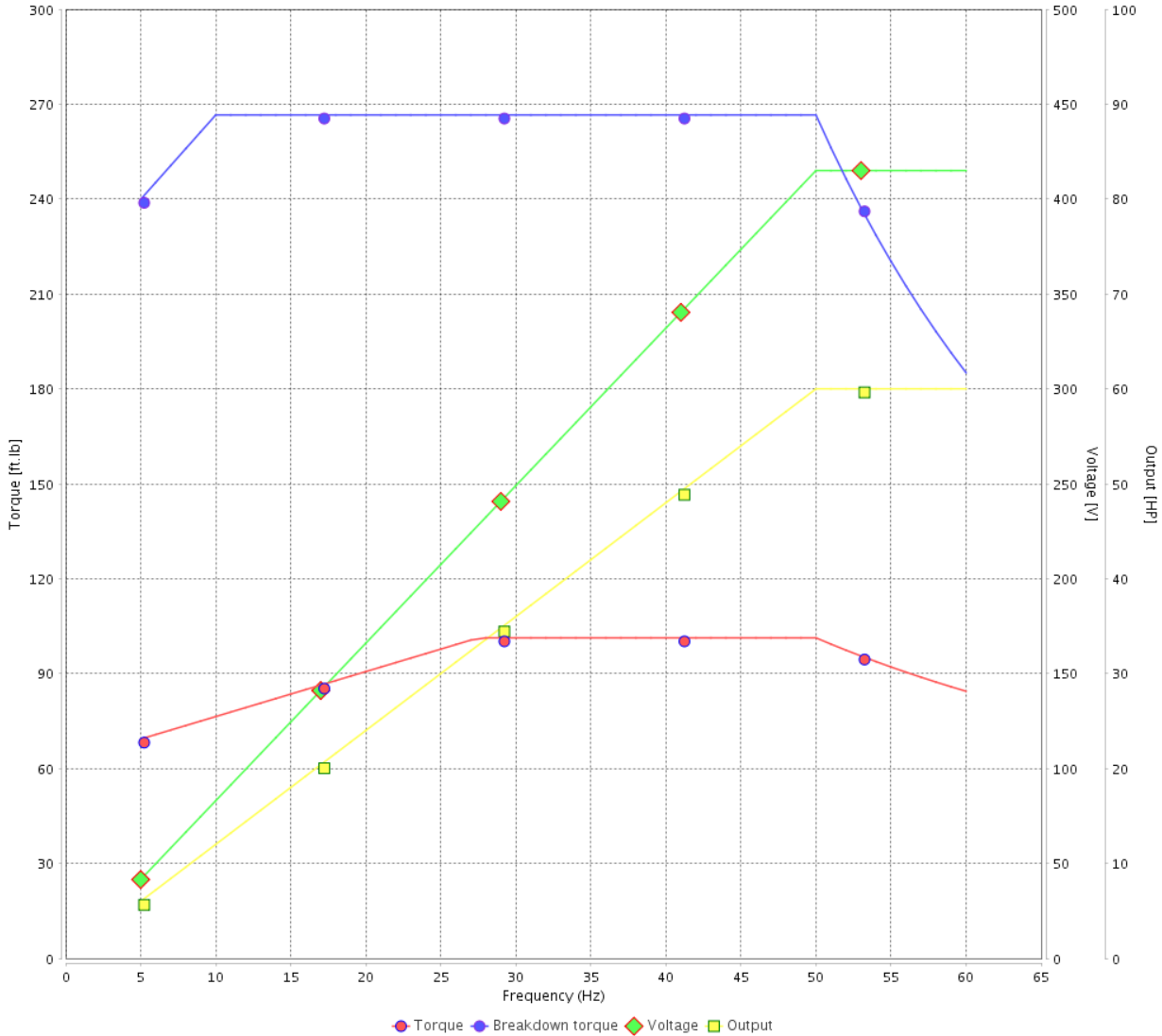
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12770002

Catalog # : 06036ET3E364TS-W22G

VFD OPERATION CURVE



Performance : 415 V 50 Hz 2P IE2

Rated current : 74.8 A
 LRC : 6.2
 Rated torque : 107 ft.lb
 Locked rotor torque : 190 %
 Breakdown torque : 250 %
 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 : 105 K
 Design : B

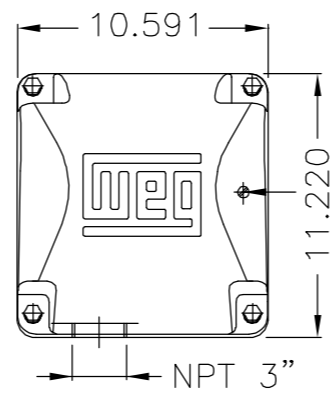
Rev.	Changes Summary	Performed	Checked	Date
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Date	13/04/2022			

EIXO/SHAFT	
PADRÃO/STANDARD	X
OPCIONAL/OPTIONAL	
ESPECIAL/SPECIAL	

Dimensões em polegadas
Dimensions in inches

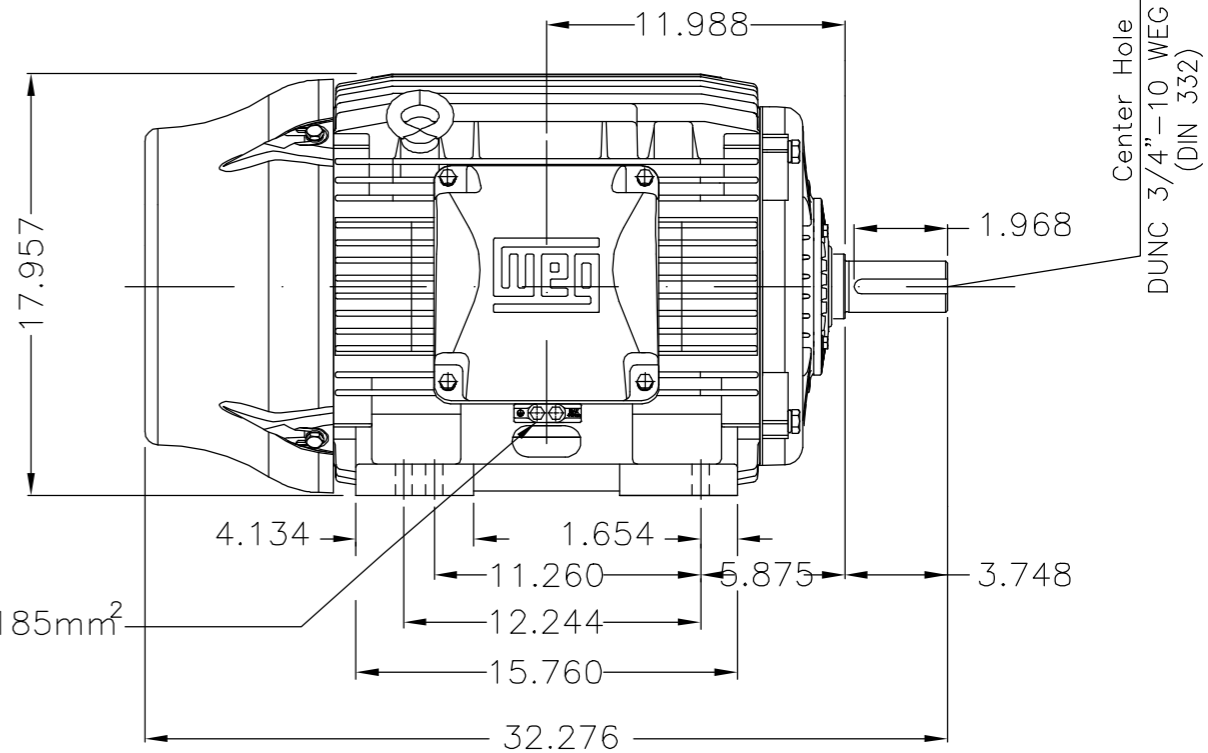
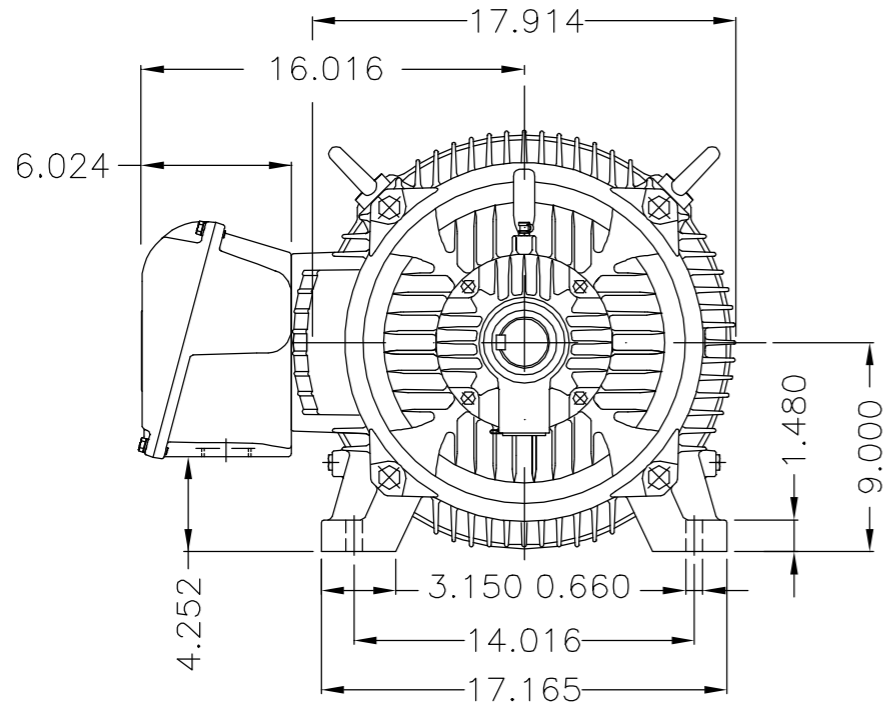
CERTIFIED WEG MOTORES
Certified document.
Not subject to changes.

THIS IS AN UPDATED REVISION, THE PREVIOUS ONE MUST BE DISREGARDED.



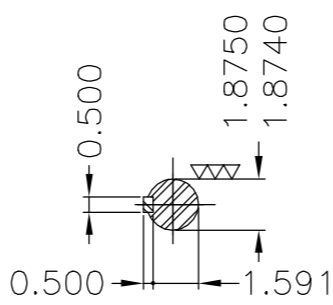
Main terminal box

Grounding for leads 25-50mm²



Center Hole
DUNC 3/4"-10 WEG TBG12
(DIN 332)

Grounding for leads 25-185mm²



DE Shaft End

Kit porta escova de aterramento AEGIS SGR-82.1-3MFH / Brush holder kit AEGIS SGR-82.1-3MFH
Anel interno especial de fixação do rolamento dianteiro /
Special internal fastening bearing cap of DE bearing
Plano de pintura 203A / Painting plan 203A
Forma construtiva NEMA F-1 / Mounting NEMA F-1
Forma construtiva B3D / Mounting B3R(D)

WEG ELECTRIC CORPORATION - WEC

500001534976		ALT. CONFORME CLAIM 415113330	RBOECK	ALISSON	ALISSON	11.02.2019	04
500001293996		ATUALIZADO COTA H-H	AFILHO	MENSOR	MENSOR	10.04.2017	03
ECM	LOC	SUMMARY OF MODIFICATIONS	EXECUTED	CHECKED	RELEASED	DATE	VER
EXECUTED	SCARMAGNANI	THREE PHASE W22 MOTOR - NEMA PREMIUM EFF FRAME 364/5TS IP55	10002805322				
CHECKED	DAYANAR		000	04			
RELEASED	DAYANAR						
REL DT	09.04.2014	WMO	JARAGUA DO SUL	ENGENHARIA DE PRODUTO	SHEET	1 / 1	

75 HP	02 Poles	60Hz	413384814/0	MEC	B
60 HP	02 Poles	60Hz	413384813/0	MEC	A



MODEL 06036ET3E364TS-W22G

Inverter Duty Motor
Severe Duty

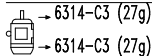
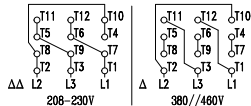


Mod.TE1BFOXON
CC029A

60Hz: For use on PWM: VT 1000:1,
CT 20:1, 1.00SF

MADE IN BRAZIL
12770002

PH3 60Hz	Fr. 364/5TS	1000m.a.s.l.	IP55	TEFC	853lb
V 230/460			A 134/67.0		
HP 60			kW 45		
SF 1.25			SFA 168/83.8		
RPM 3560			PF 0.90		
AMB 40°C		INS cl. F	DT80K	NEMA NOM EFF	93.6%
DUTY CONT.		DES B	Code G		
USABLE @208V	148A	SF 1.10	SFA 163		
60HP	45kW	50Hz	380V	81.3A	2945RPM
				SF 1.00	EFF 92.4% (IE1)



MOBIL POLYREX EM (4000h)

