

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer :								
Product line	: NEMA Premium Efficiency Three-Phase	Product code :	11770881					
		Catalog # :	00736ET3E184TC-W22					
Frame	: 182/4TC	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	: 103 lb					
Protection degree	: IP55	Moment of inertia (J)	: 0.2242 sq.ft.lb					
Design	: A							
Output [HP]	7.5	5.5	5.5	5.5	7.5	7.5	7.5	
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]	17.5/8.76	7.84	7.62	7.47	10.9	10.3	10.0	
L. R. Amperes [A]	144/71.8	65.1	69.3	71.7	68.7	72.1	74.0	
LRC [A]	8.2x(Code J)	8.3x(Code J)	9.1x(Code K)	9.6x(Code L)	6.3x(Code G)	7.0x(Code H)	7.4x(Code H)	
No load current [A]	5.80/2.90	2.70	3.00	3.20	2.70	3.00	3.20	
Rated speed [RPM]	3485	2900	2910	2915	2810	2840	2860	
Slip [%]	3.19	3.33	3.00	2.83	6.33	5.33	4.67	
Rated torque [ft.lb]	11.3	9.96	9.93	9.91	14.0	13.9	13.8	
Locked rotor torque [%]	270	310	350	370	220	250	270	
Breakdown torque [%]	330	360	390	430	260	280	310	
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	80 K	80 K	80 K	
Locked rotor time	30s (cold) 17s (hot)	28s (cold) 16s (hot)	27s (cold) 15s (hot)	27s (cold) 15s (hot)	28s (cold) 16s (hot)	27s (cold) 15s (hot)	27s (cold) 15s (hot)	
Noise level ²	66.0 dB(A)	62.0 dB(A)	62.0 dB(A)	62.0 dB(A)	62.0 dB(A)	62.0 dB(A)	62.0 dB(A)	
Efficiency (%)	25%	88.2	84.2	85.1	85.4	88.8	88.9	89.0
	50%	88.5	85.5	85.9	86.2	87.0	87.5	88.0
	75%	89.5	87.0	87.6	88.1	87.0	88.0	88.5
	100%	89.5	88.1	88.1	88.7	84.5	86.0	87.0
Power Factor	25%	0.51	0.48	0.43	0.40	0.58	0.53	0.50
	50%	0.75	0.70	0.66	0.63	0.80	0.77	0.74
	75%	0.84	0.82	0.79	0.77	0.88	0.86	0.84
	100%	0.88	0.88	0.86	0.84	0.91	0.90	0.88
Bearing type	: Drive end : 6207 ZZ	Non drive end : 6206 ZZ	Foundation loads					
Sealing	: V'Ring	V'Ring	Max. traction	: 221 lb				
Lubrication interval	: -	-	Max. compression	: 324 lb				
Lubricant amount	: -	-						
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



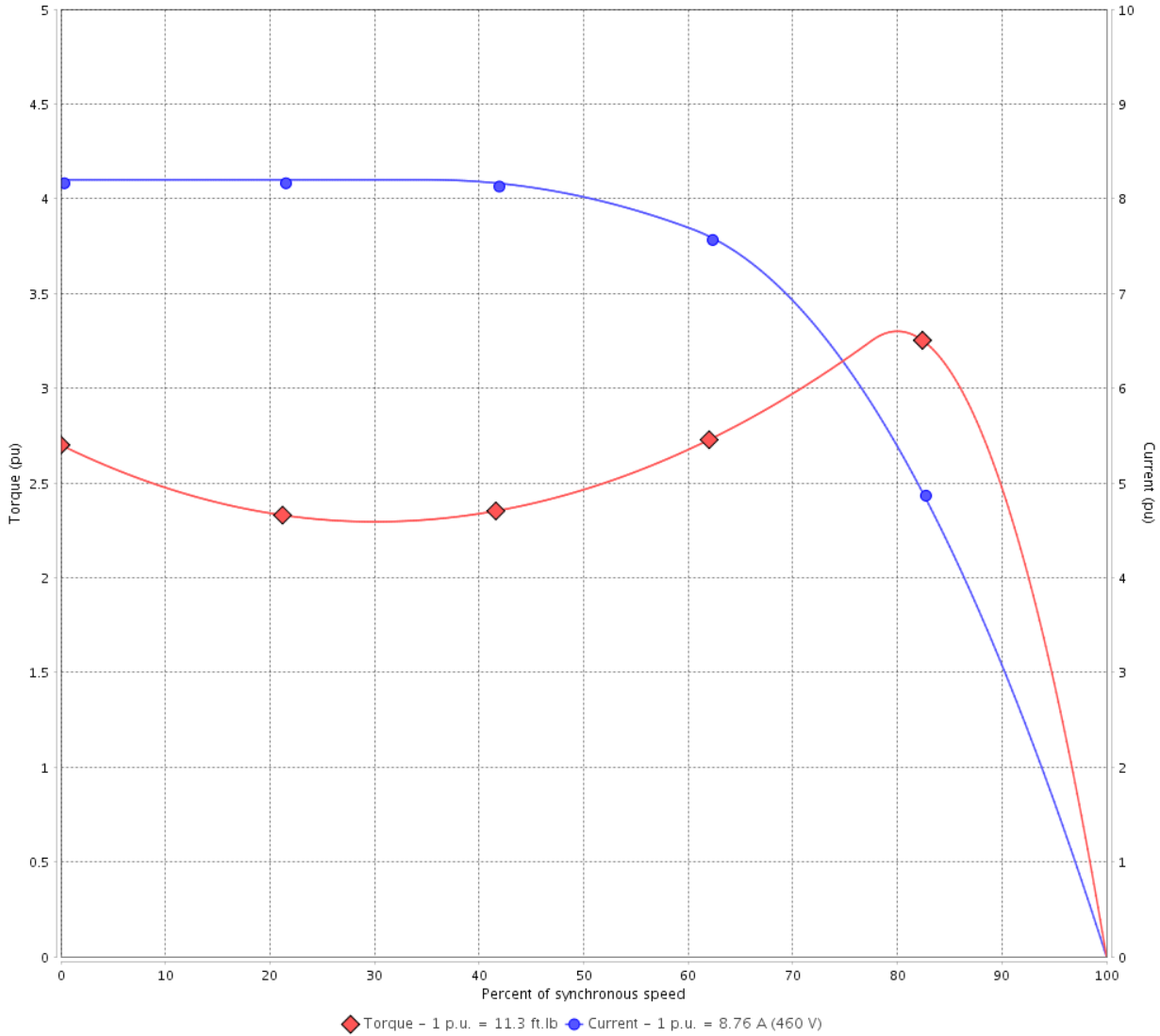
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11770881

Catalog # : 00736ET3E184TC-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 230/460 V 60 Hz 2P

Rated current	: 17.5/8.76 A	Moment of inertia (J)	: 0.2242 sq.ft.lb
LRC	: 8.2	Duty cycle	: Cont.(S1)
Rated torque	: 11.3 ft.lb	Insulation class	: F
Locked rotor torque	: 270 %	Service factor	: 1.25
Breakdown torque	: 330 %	Temperature rise	: 80 K
Rated speed	: 3485 rpm	Design	: A

Locked rotor time : 30s (cold) 17s (hot)

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TORQUE AND CURRENT VS SPEED CURVE



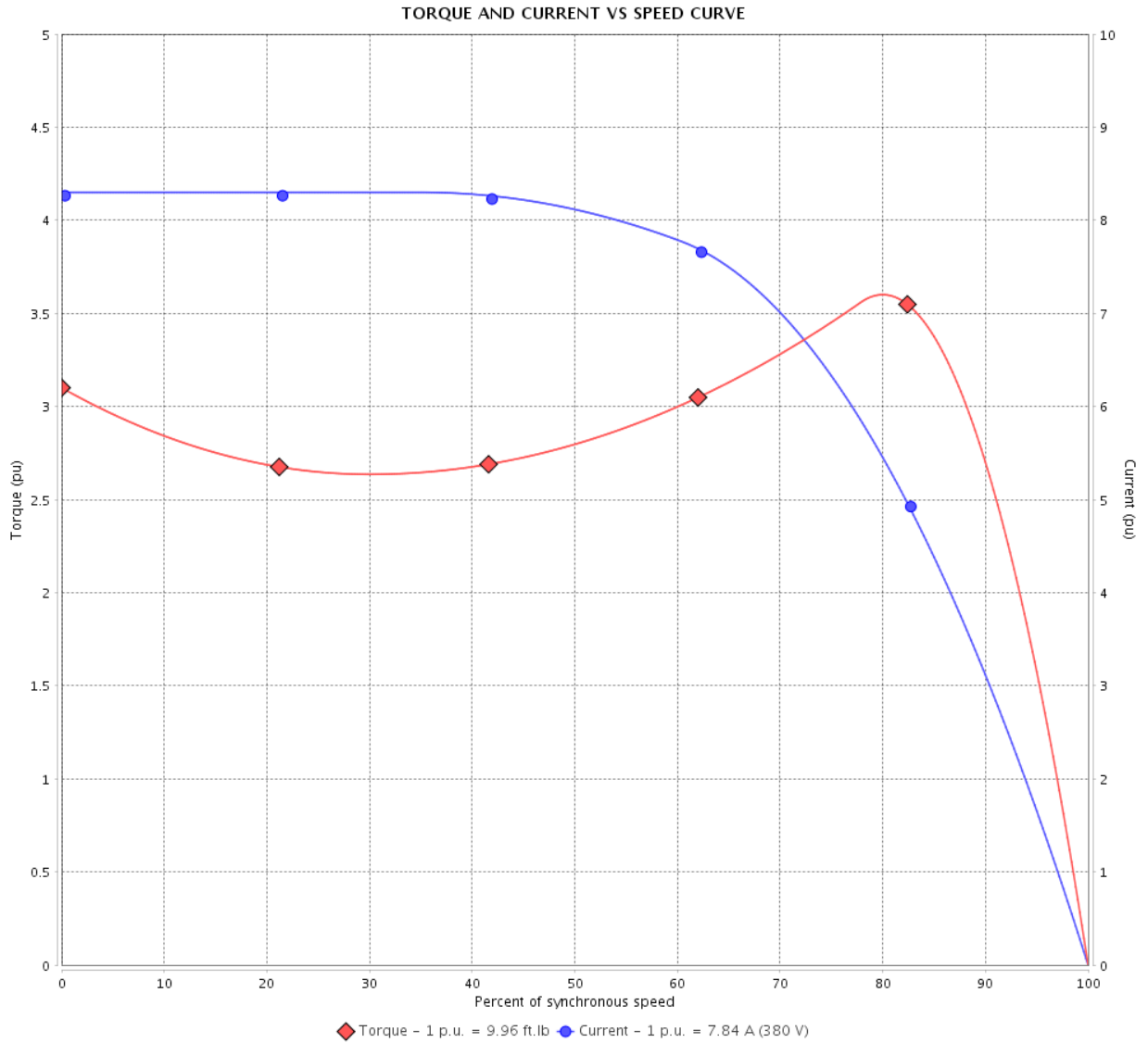
Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11770881

Catalog # : 00736ET3E184TC-W22



Performance : 380 V 50 Hz 2P IE3

Rated current	: 7.84 A	Moment of inertia (J)	: 0.2242 sq.ft.lb
LRC	: 8.3	Duty cycle	: Cont.(S1)
Rated torque	: 9.96 ft.lb	Insulation class	: F
Locked rotor torque	: 310 %	Service factor	: 1.00
Breakdown torque	: 360 %	Temperature rise	: 80 K
Rated speed	: 2900 rpm	Design	: A

Locked rotor time : 28s (cold) 16s (hot)

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



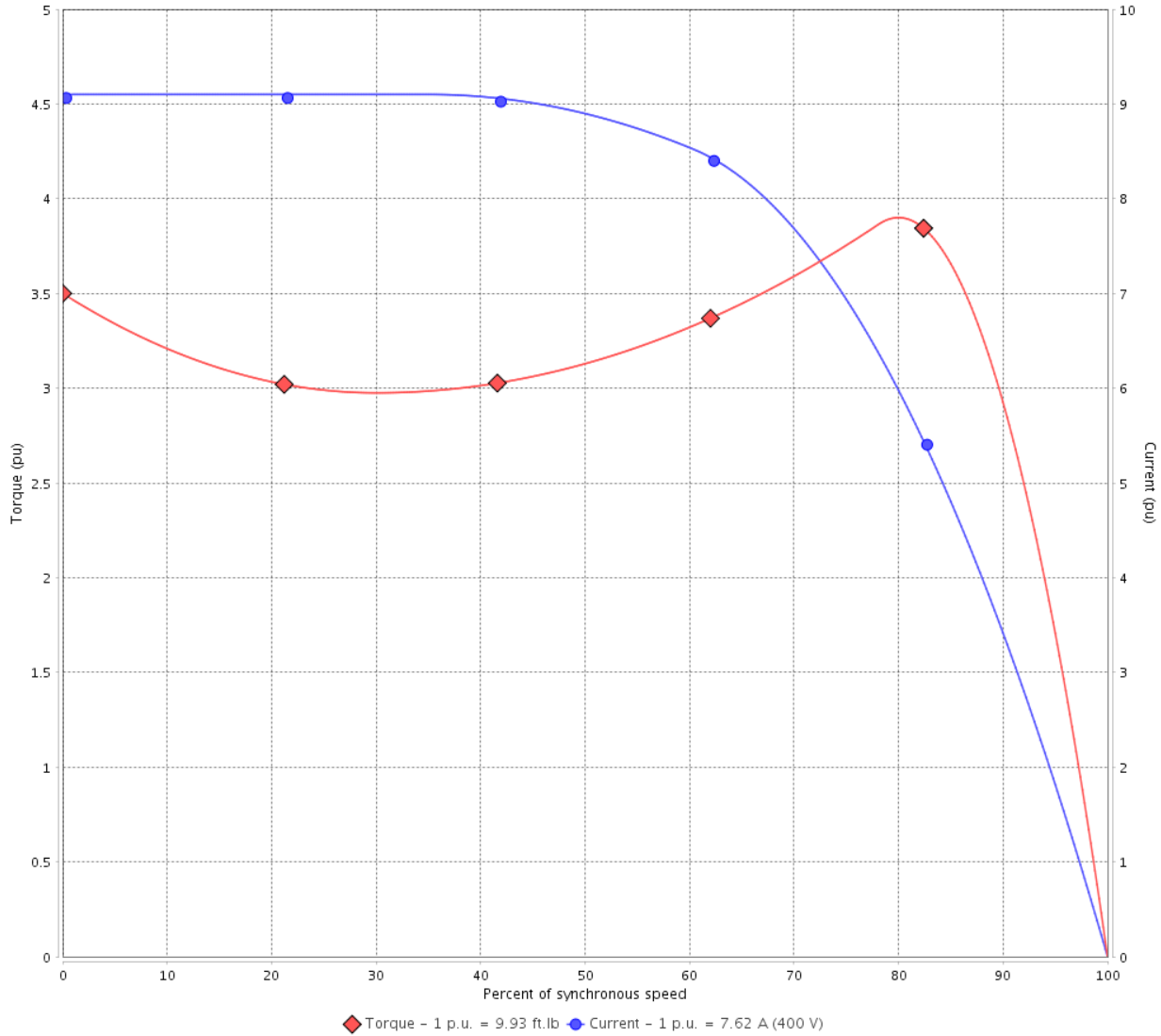
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11770881

Catalog # : 00736ET3E184TC-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 400 V 50 Hz 2P IE3

Rated current	: 7.62 A	Moment of inertia (J)	: 0.2242 sq.ft.lb
LRC	: 9.1	Duty cycle	: Cont.(S1)
Rated torque	: 9.93 ft.lb	Insulation class	: F
Locked rotor torque	: 350 %	Service factor	: 1.00
Breakdown torque	: 390 %	Temperature rise	: 80 K
Rated speed	: 2910 rpm	Design	: A

Locked rotor time : 27s (cold) 15s (hot)

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TORQUE AND CURRENT VS SPEED CURVE



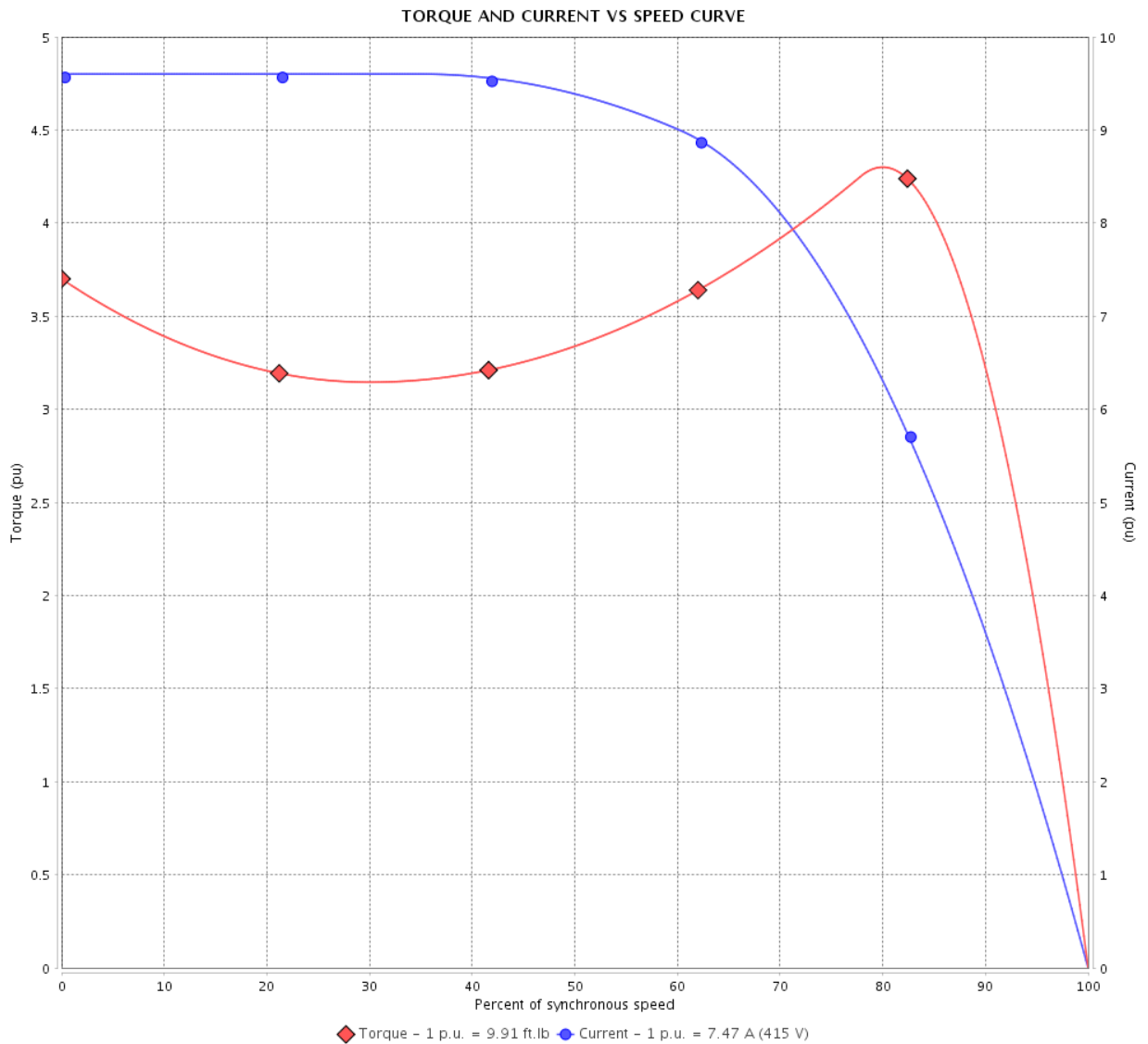
Three Phase Induction Motor - Squirrel Cage

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Product code : 11770881

Catalog # : 00736ET3E184TC-W22



Performance : 415 V 50 Hz 2P IE3

Rated current	: 7.47 A	Moment of inertia (J)	: 0.2242 sq.ft.lb
LRC	: 9.6	Duty cycle	: Cont.(S1)
Rated torque	: 9.91 ft.lb	Insulation class	: F
Locked rotor torque	: 370 %	Service factor	: 1.00
Breakdown torque	: 430 %	Temperature rise	: 80 K
Rated speed	: 2915 rpm	Design	: A

Locked rotor time : 27s (cold) 15s (hot)

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



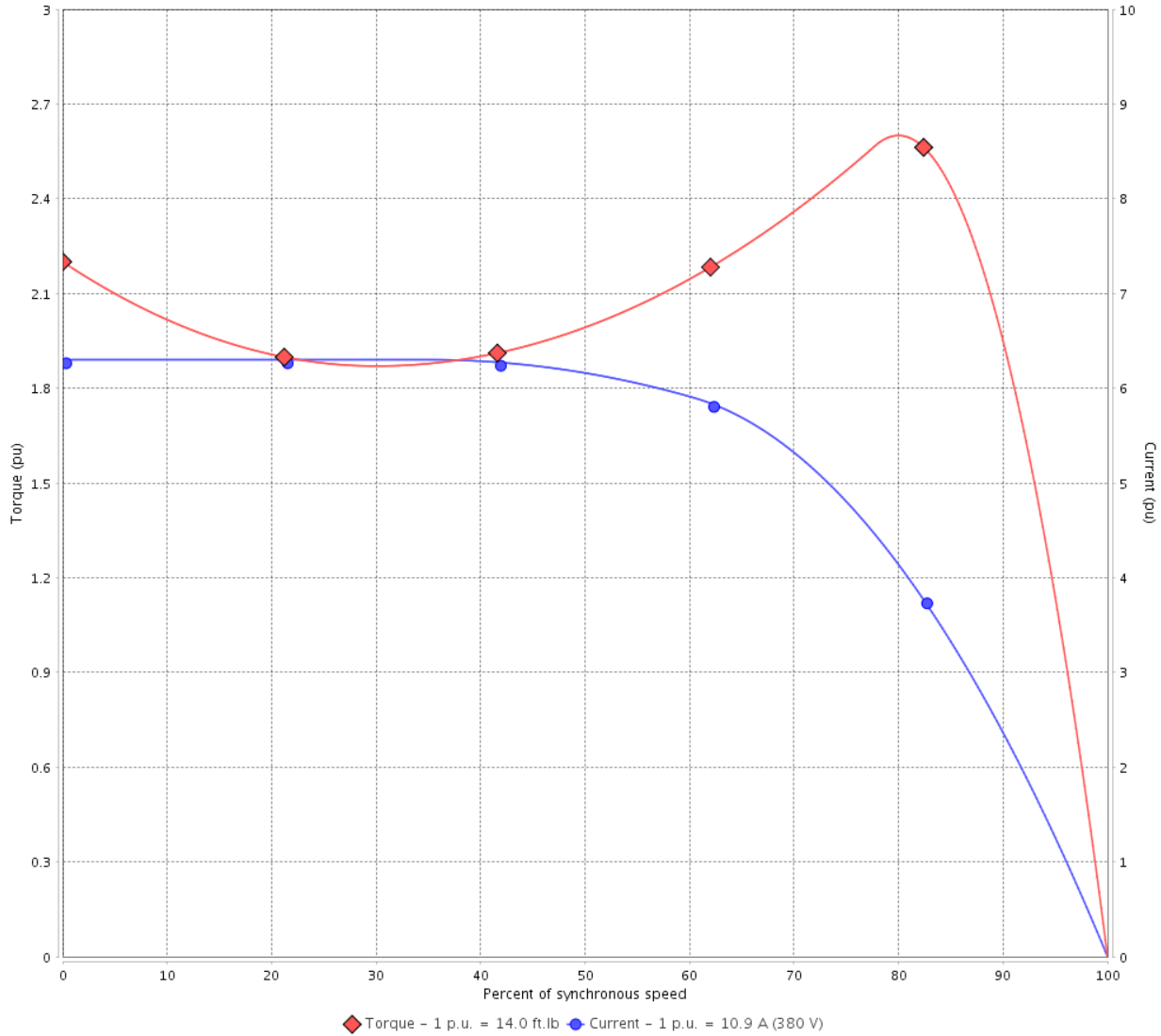
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Catalog # : 00736ET3E184TC-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 380 V 50 Hz 2P

Rated current	: 10.9 A	Moment of inertia (J)	: 0.2242 sq.ft.lb
LRC	: 6.3	Duty cycle	: Cont.(S1)
Rated torque	: 14.0 ft.lb	Insulation class	: F
Locked rotor torque	: 220 %	Service factor	: 1.00
Breakdown torque	: 260 %	Temperature rise	: 80 K
Rated speed	: 2810 rpm	Design	: A

Locked rotor time : 28s (cold) 16s (hot)

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TORQUE AND CURRENT VS SPEED CURVE



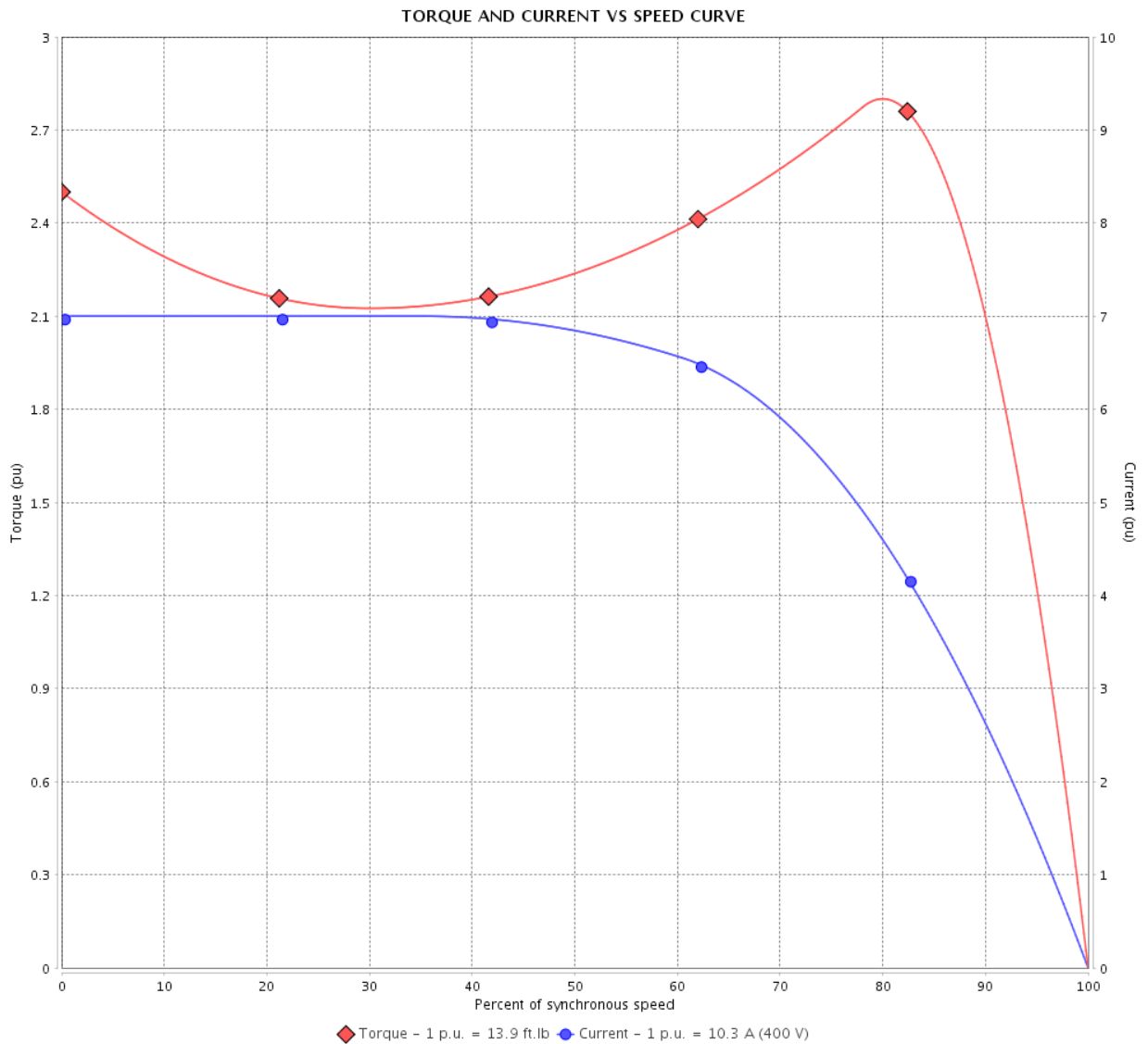
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Product code : 11770881

Catalog # : 00736ET3E184TC-W22



Performance : 400 V 50 Hz 2P IE1

Rated current	: 10.3 A	Moment of inertia (J)	: 0.2242 sq.ft.lb
LRC	: 7.0	Duty cycle	: Cont.(S1)
Rated torque	: 13.9 ft.lb	Insulation class	: F
Locked rotor torque	: 250 %	Service factor	: 1.00
Breakdown torque	: 280 %	Temperature rise	: 80 K
Rated speed	: 2840 rpm	Design	: A

Locked rotor time : 27s (cold) 15s (hot)

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



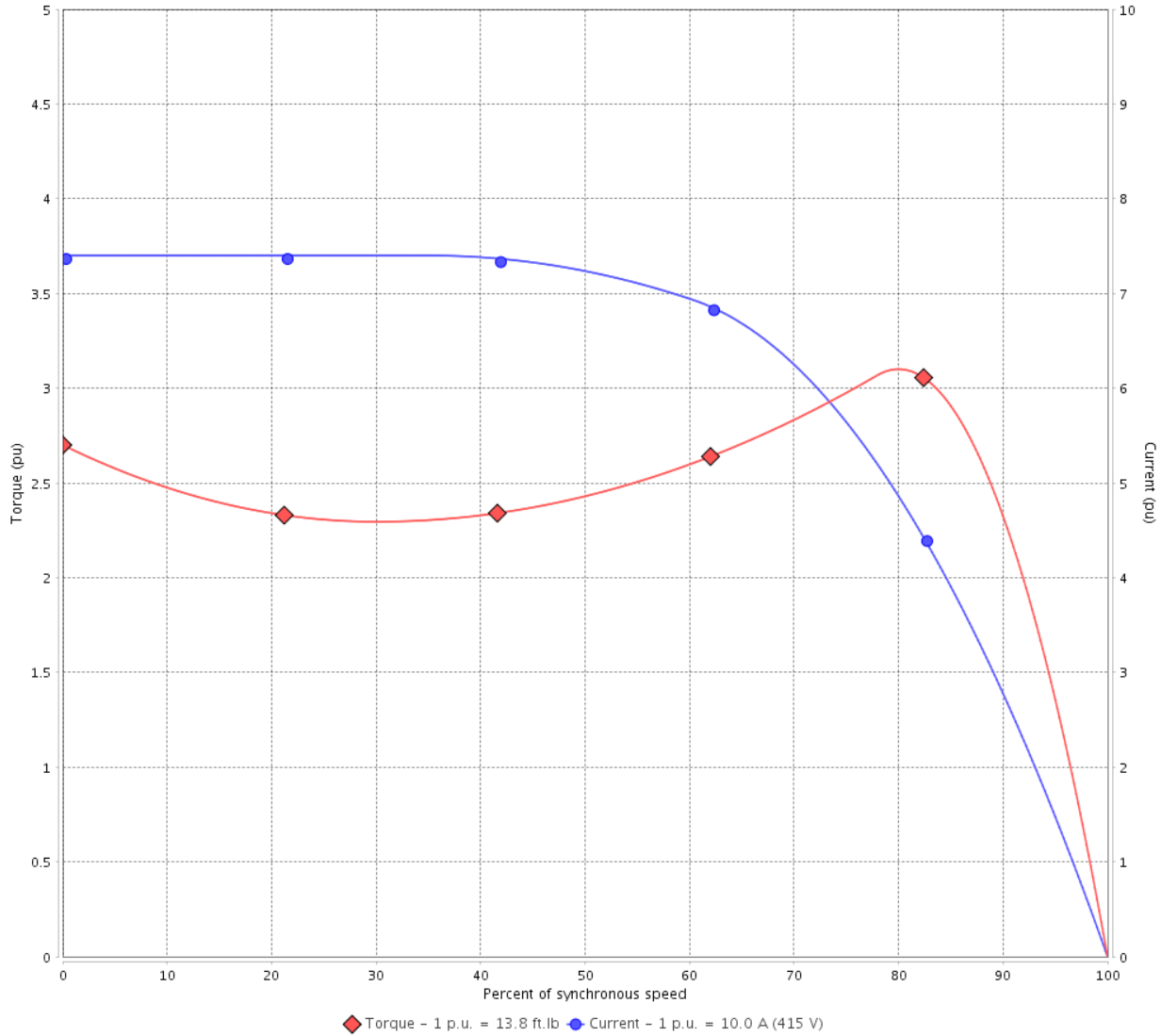
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11770881

Catalog # : 00736ET3E184TC-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 415 V 50 Hz 2P IE2

Rated current	: 10.0 A	Moment of inertia (J)	: 0.2242 sq.ft.lb
LRC	: 7.4	Duty cycle	: Cont.(S1)
Rated torque	: 13.8 ft.lb	Insulation class	: F
Locked rotor torque	: 270 %	Service factor	: 1.00
Breakdown torque	: 310 %	Temperature rise	: 80 K
Rated speed	: 2860 rpm	Design	: A

Locked rotor time : 27s (cold) 15s (hot)

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Three Phase Induction Motor - Squirrel Cage

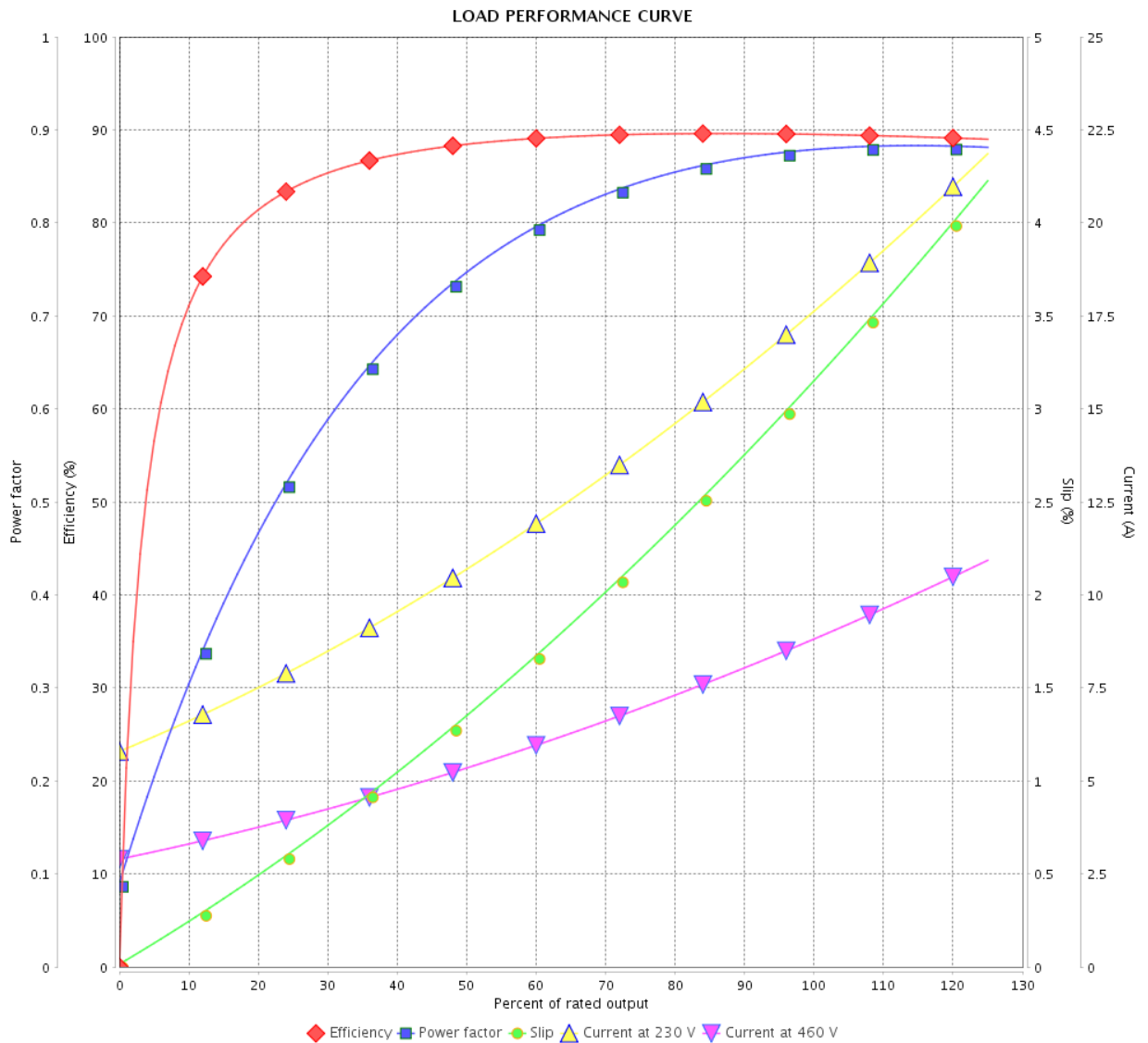


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Product line : NEMA Premium Efficiency Three-Phase

Product code : 11770881

Catalog # : 00736ET3E184TC-W22



Performance : 230/460 V 60 Hz 2P

Rated current : 17.5/8.76 A
 LRC : 8.2
 Rated torque : 11.3 ft.lb
 Locked rotor torque : 270 %
 Breakdown torque : 330 %
 Rated speed : 3485 rpm

Moment of inertia (J) : 0.2242 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.25
 Temperature rise : 80 K
 Design : A

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Three Phase Induction Motor - Squirrel Cage



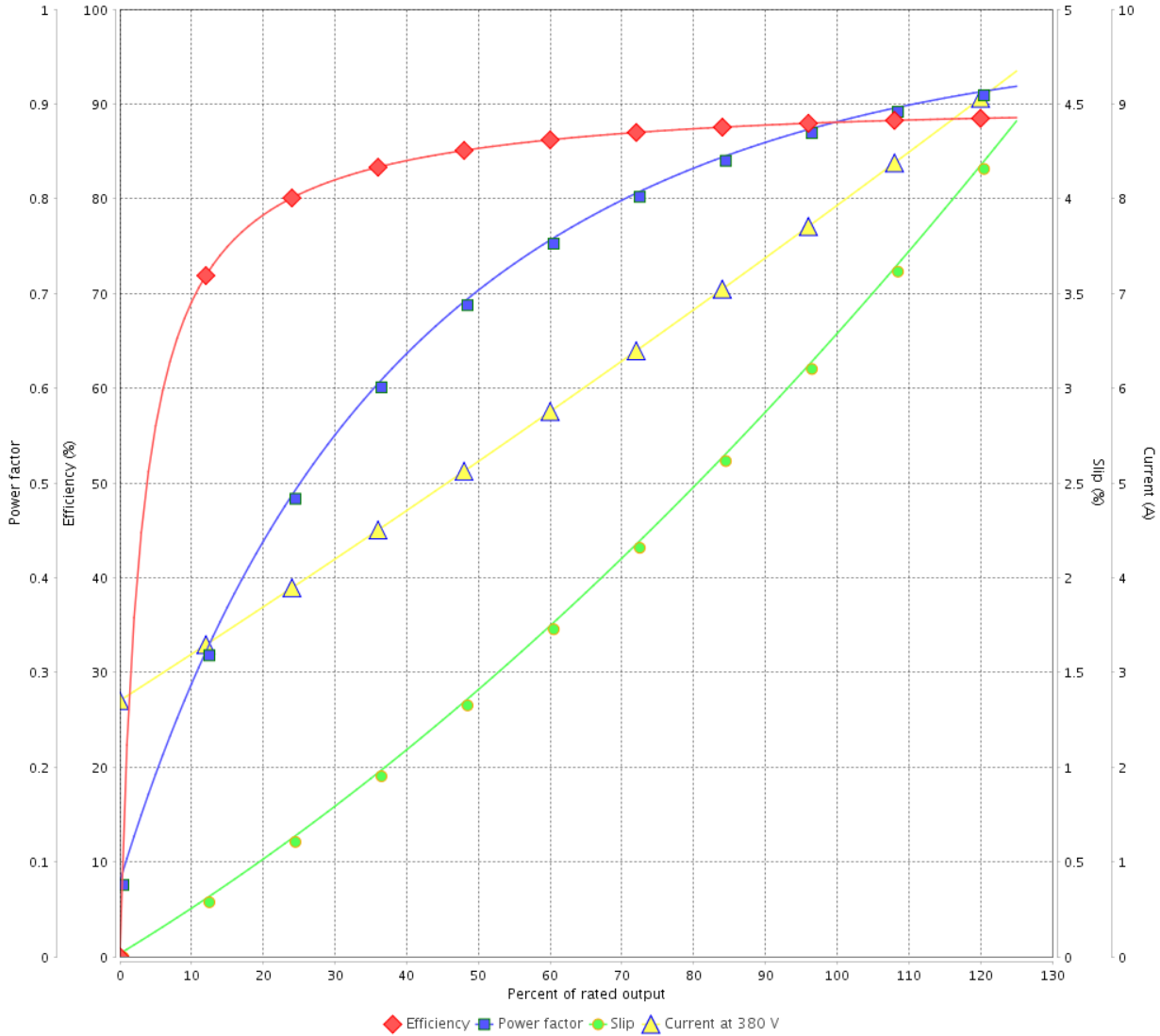
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11770881

Catalog # : 00736ET3E184TC-W22

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Performance : 380 V 50 Hz 2P IE3

Rated current : 7.84 A
 LRC : 8.3
 Rated torque : 9.96 ft.lb
 Locked rotor torque : 310 %
 Breakdown torque : 360 %
 Rated speed : 2900 rpm

Moment of inertia (J) : 0.2242 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : A

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Three Phase Induction Motor - Squirrel Cage

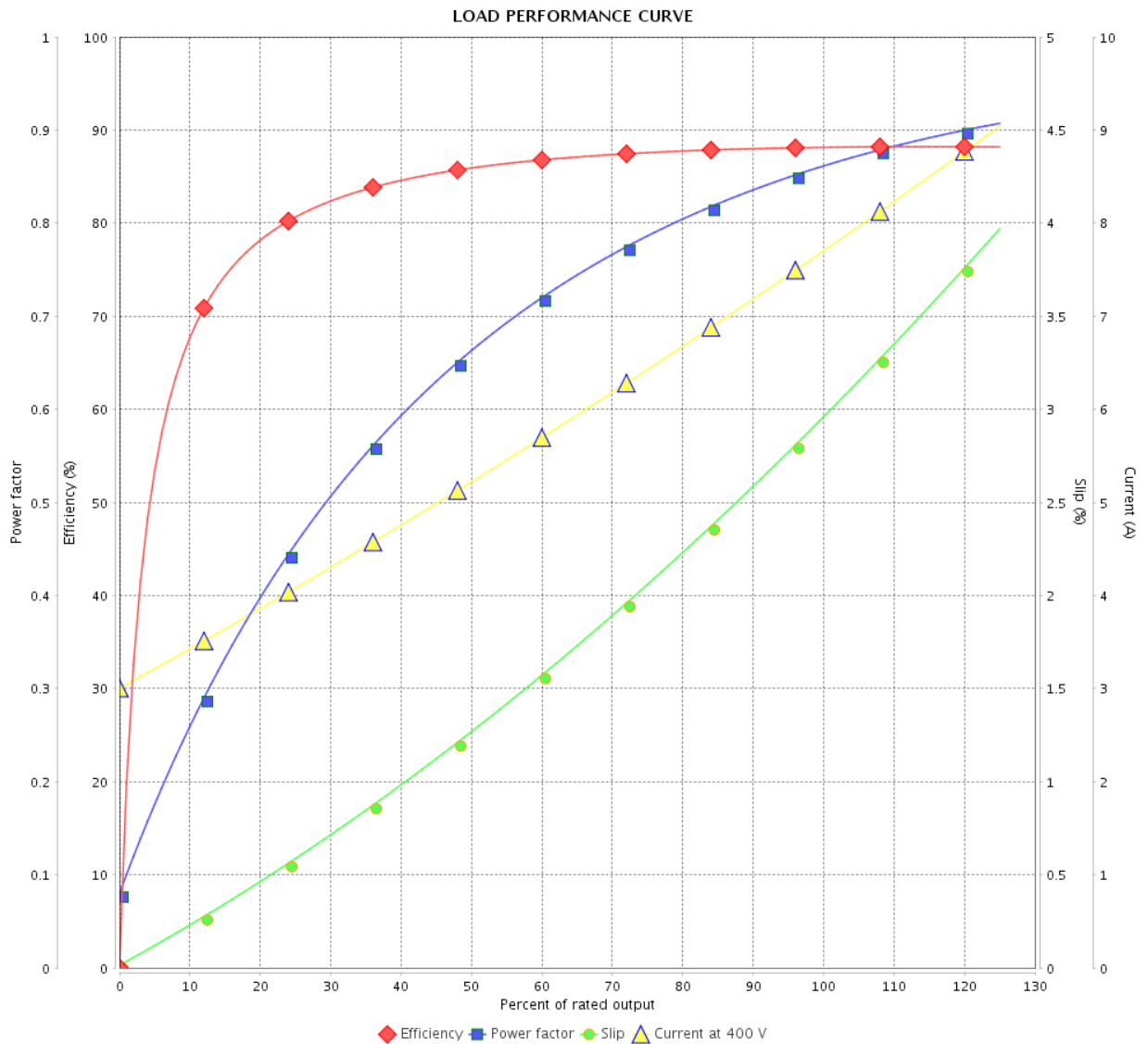


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Performance : 400 V 50 Hz 2P IE3

Rated current : 7.62 A
 LRC : 9.1
 Rated torque : 9.93 ft.lb
 Locked rotor torque : 350 %
 Breakdown torque : 390 %
 Rated speed : 2910 rpm

Moment of inertia (J) : 0.2242 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : A

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Three Phase Induction Motor - Squirrel Cage



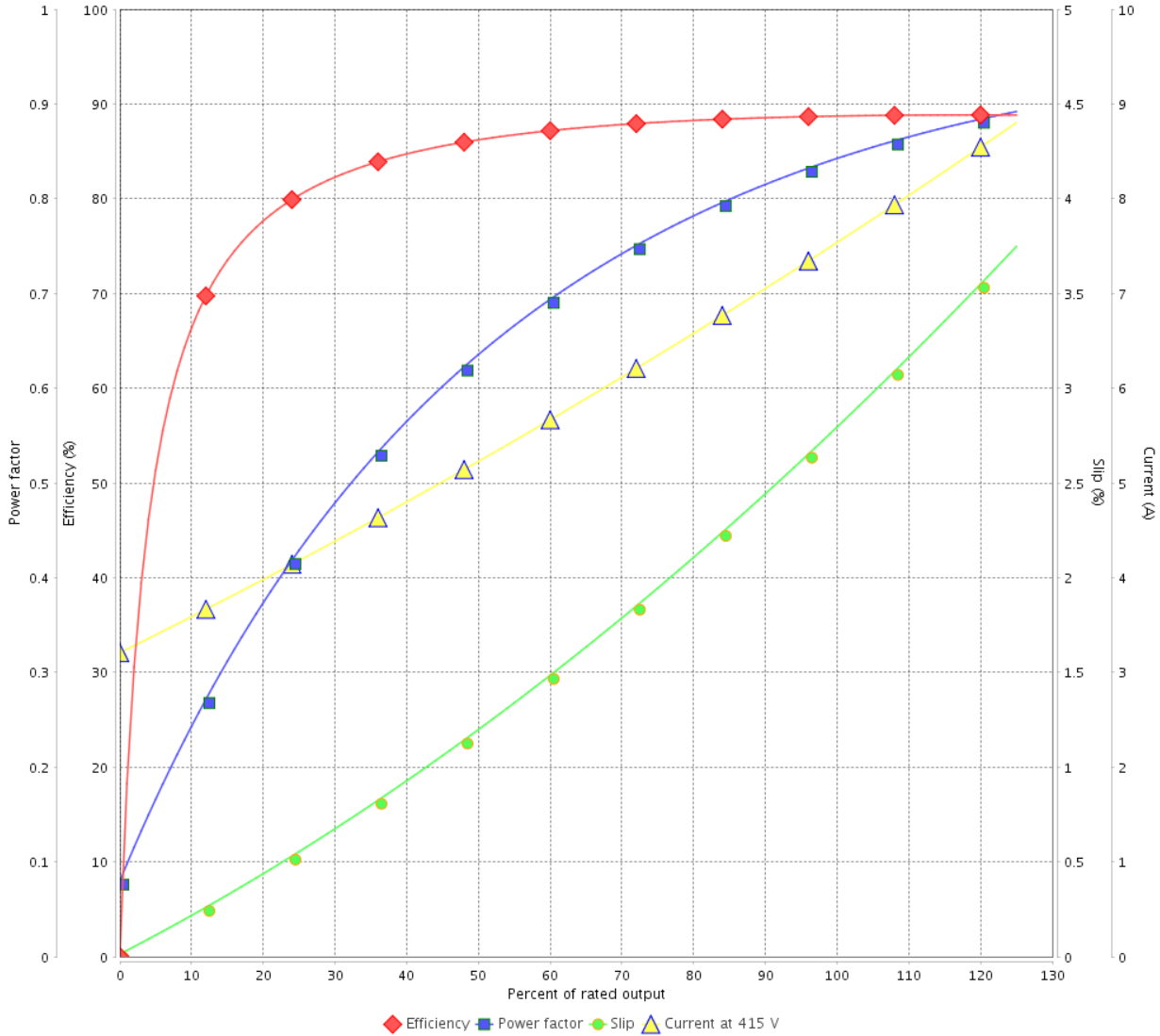
Customer : _____

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Product code : 11770881

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Performance : 415 V 50 Hz 2P IE3

Rated current : 7.47 A
 LRC : 9.6
 Rated torque : 9.91 ft.lb
 Locked rotor torque : 370 %
 Breakdown torque : 430 %
 Rated speed : 2915 rpm

Moment of inertia (J) : 0.2242 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : A

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Three Phase Induction Motor - Squirrel Cage

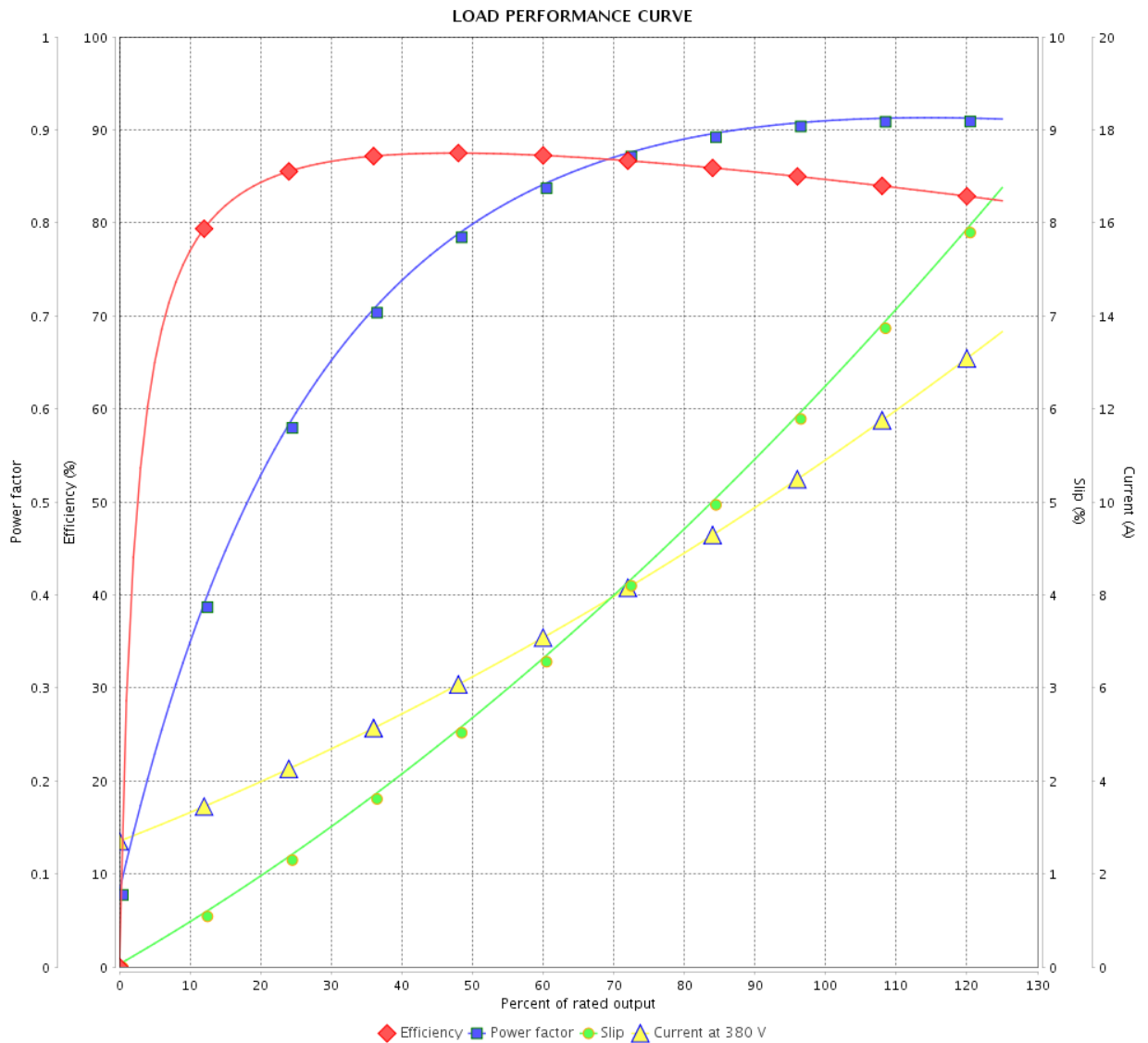


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11770881

Catalog # : 00736ET3E184TC-W22



Performance : 380 V 50 Hz 2P

Rated current : 10.9 A
 LRC : 6.3
 Rated torque : 14.0 ft.lb
 Locked rotor torque : 220 %
 Breakdown torque : 260 %
 Rated speed : 2810 rpm

Moment of inertia (J) : 0.2242 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : A

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Three Phase Induction Motor - Squirrel Cage



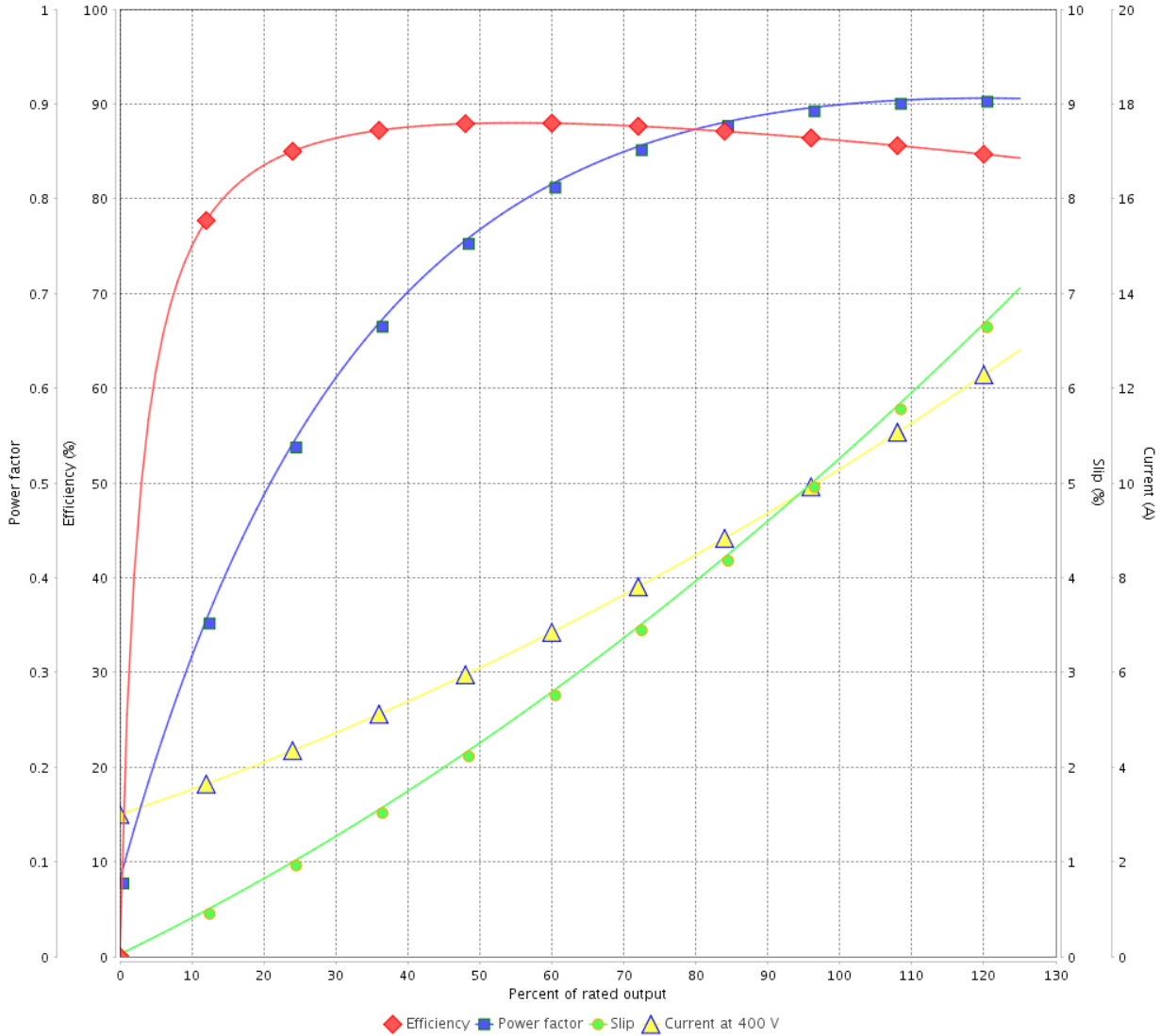
Customer :

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Performance : 400 V 50 Hz 2P IE1

Rated current : 10.3 A
 LRC : 7.0
 Rated torque : 13.9 ft.lb
 Locked rotor torque : 250 %
 Breakdown torque : 280 %
 Rated speed : 2840 rpm

Moment of inertia (J) : 0.2242 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : A

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Three Phase Induction Motor - Squirrel Cage

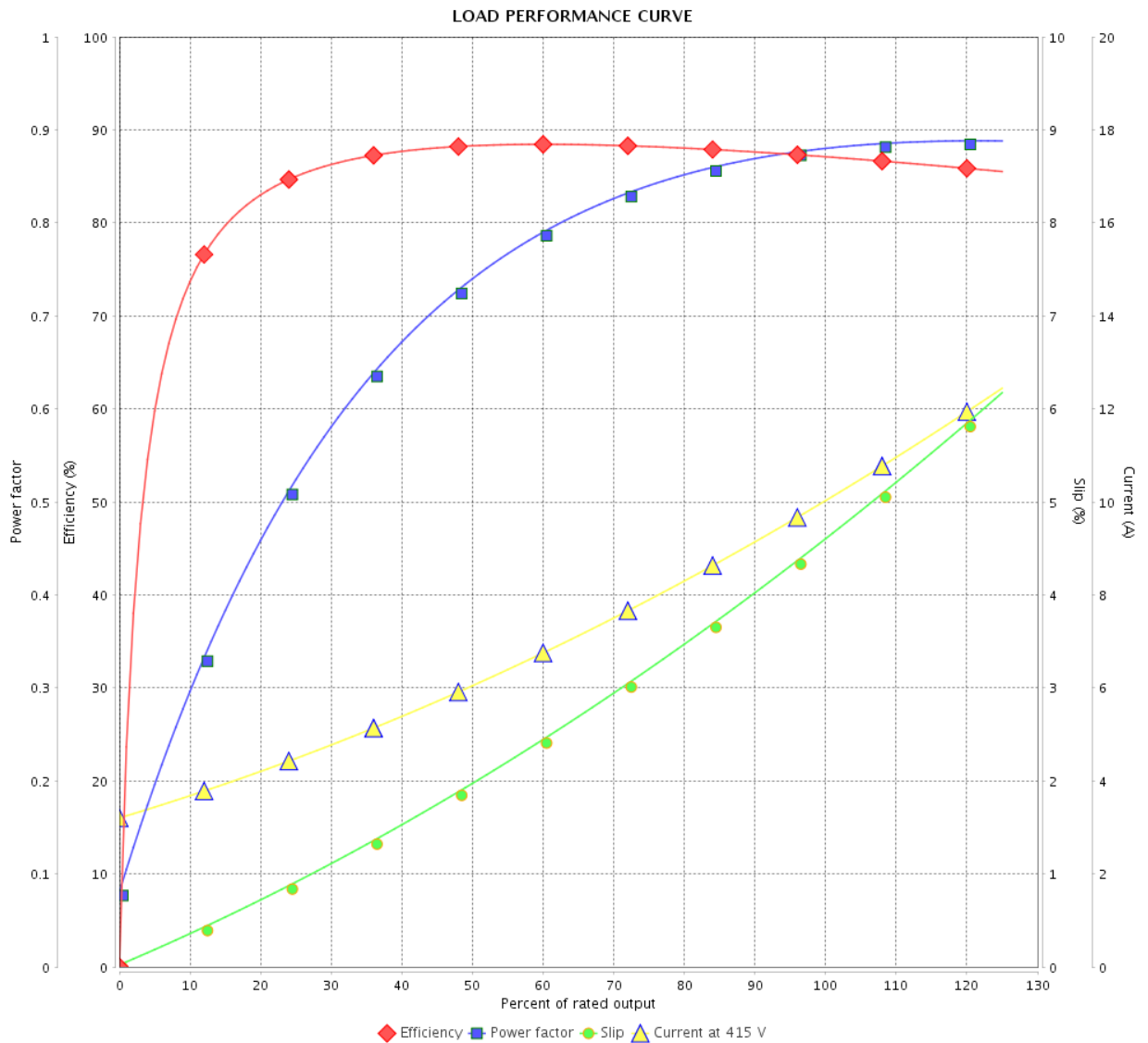


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11770881

Catalog # : 00736ET3E184TC-W22



Performance : 415 V 50 Hz 2P IE2

Rated current : 10.0 A
 LRC : 7.4
 Rated torque : 13.8 ft.lb
 Locked rotor torque : 270 %
 Breakdown torque : 310 %
 Rated speed : 2860 rpm

Moment of inertia (J) : 0.2242 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : A

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THERMAL LIMIT CURVE



Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase
Product code : 11770881
Catalog # : 00736ET3E184TC-W22

Performance : 230/460 V 60 Hz 2P

Rated current	: 17.5/8.76 A	Moment of inertia (J)	: 0.2242 sq.ft.lb
LRC	: 8.2	Duty cycle	: Cont.(S1)
Rated torque	: 11.3 ft.lb	Insulation class	: F
Locked rotor torque	: 270 %	Service factor	: 1.25
Breakdown torque	: 330 %	Temperature rise	: 80 K
Rated speed	: 3485 rpm	Design	: A

Heating constant

Cooling constant

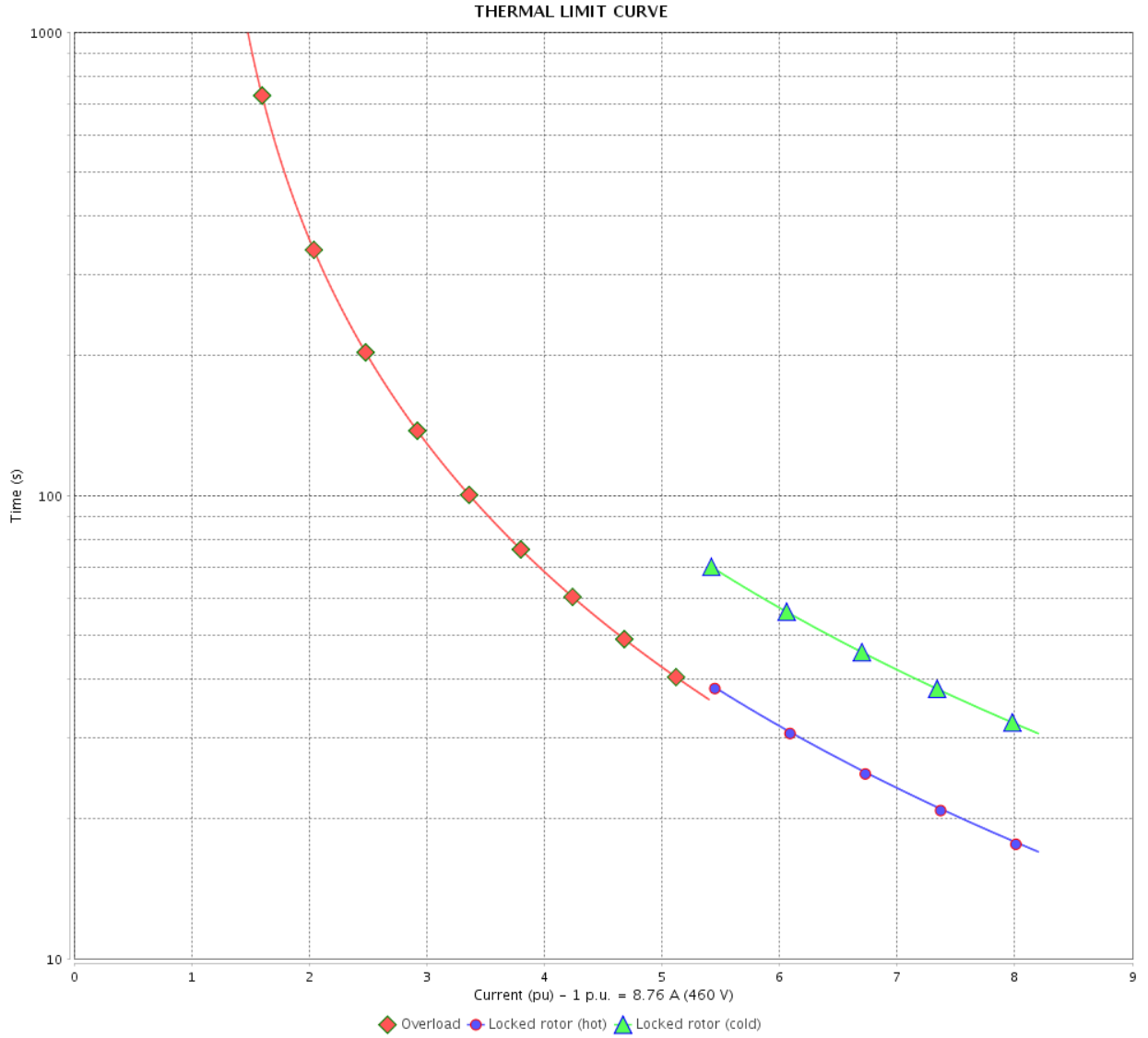
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Three Phase Induction Motor - Squirrel Cage



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THERMAL LIMIT CURVE



Three Phase Induction Motor - Squirrel Cage

Customer :

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Product code : 11770881
Catalog # : 00736ET3E184TC-W22

Performance : 380 V 50 Hz 2P IE3

Rated current	: 7.84 A	Moment of inertia (J)	: 0.2242 sq.ft.lb
LRC	: 8.3	Duty cycle	: Cont.(S1)
Rated torque	: 9.96 ft.lb	Insulation class	: F
Locked rotor torque	: 310 %	Service factor	: 1.00
Breakdown torque	: 360 %	Temperature rise	: 80 K
Rated speed	: 2900 rpm	Design	: A

Heating constant

Cooling constant

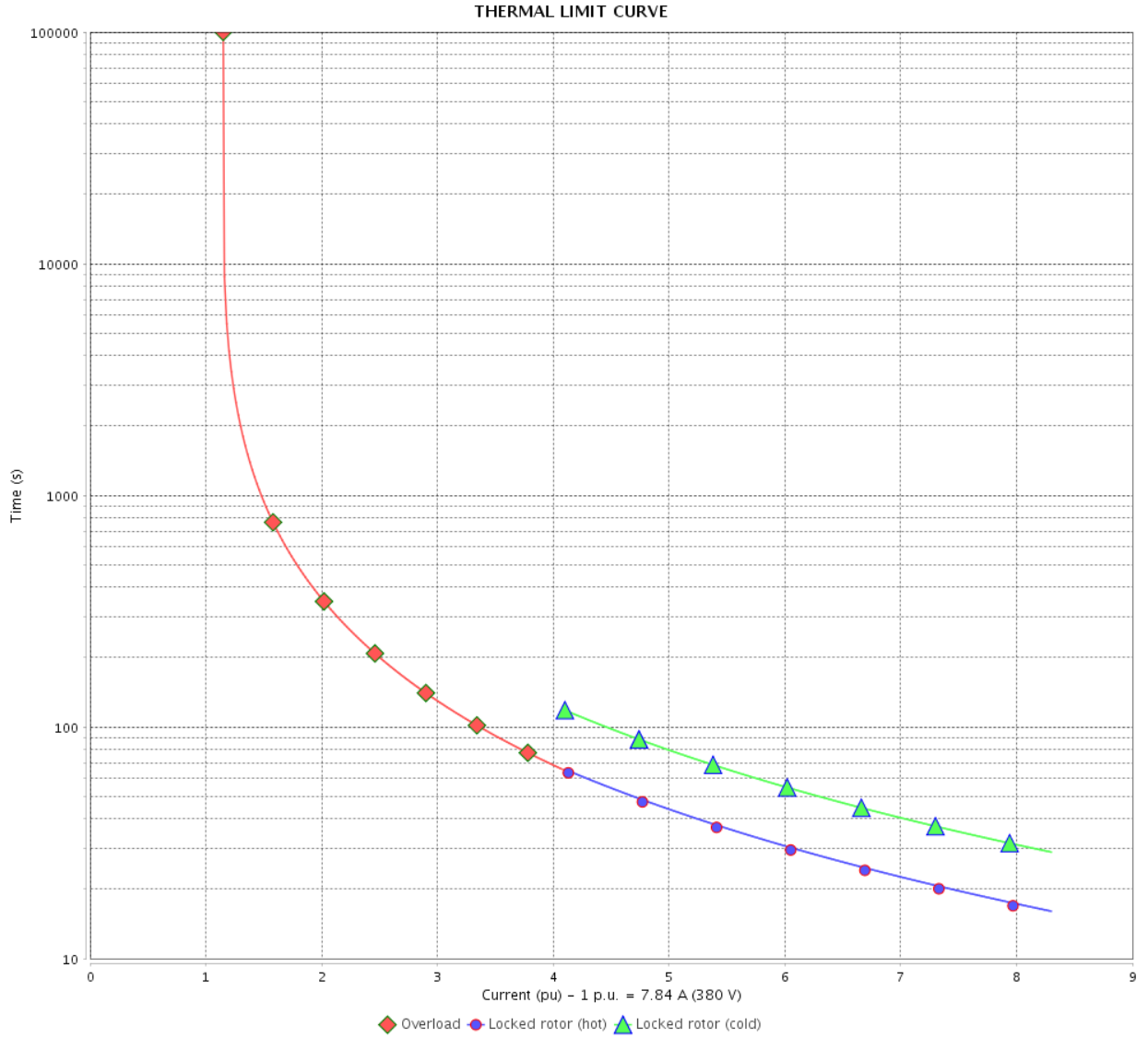
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Three Phase Induction Motor - Squirrel Cage



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Performance : 400 V 50 Hz 2P IE3

Rated current : 7.62 A	Moment of inertia (J) : 0.2242 sq.ft.lb
LRC : 9.1	Duty cycle : Cont.(S1)
Rated torque : 9.93 ft.lb	Insulation class : F
Locked rotor torque : 350 %	Service factor : 1.00
Breakdown torque : 390 %	Temperature rise : 80 K
Rated speed : 2910 rpm	Design : A

Heating constant

Cooling constant

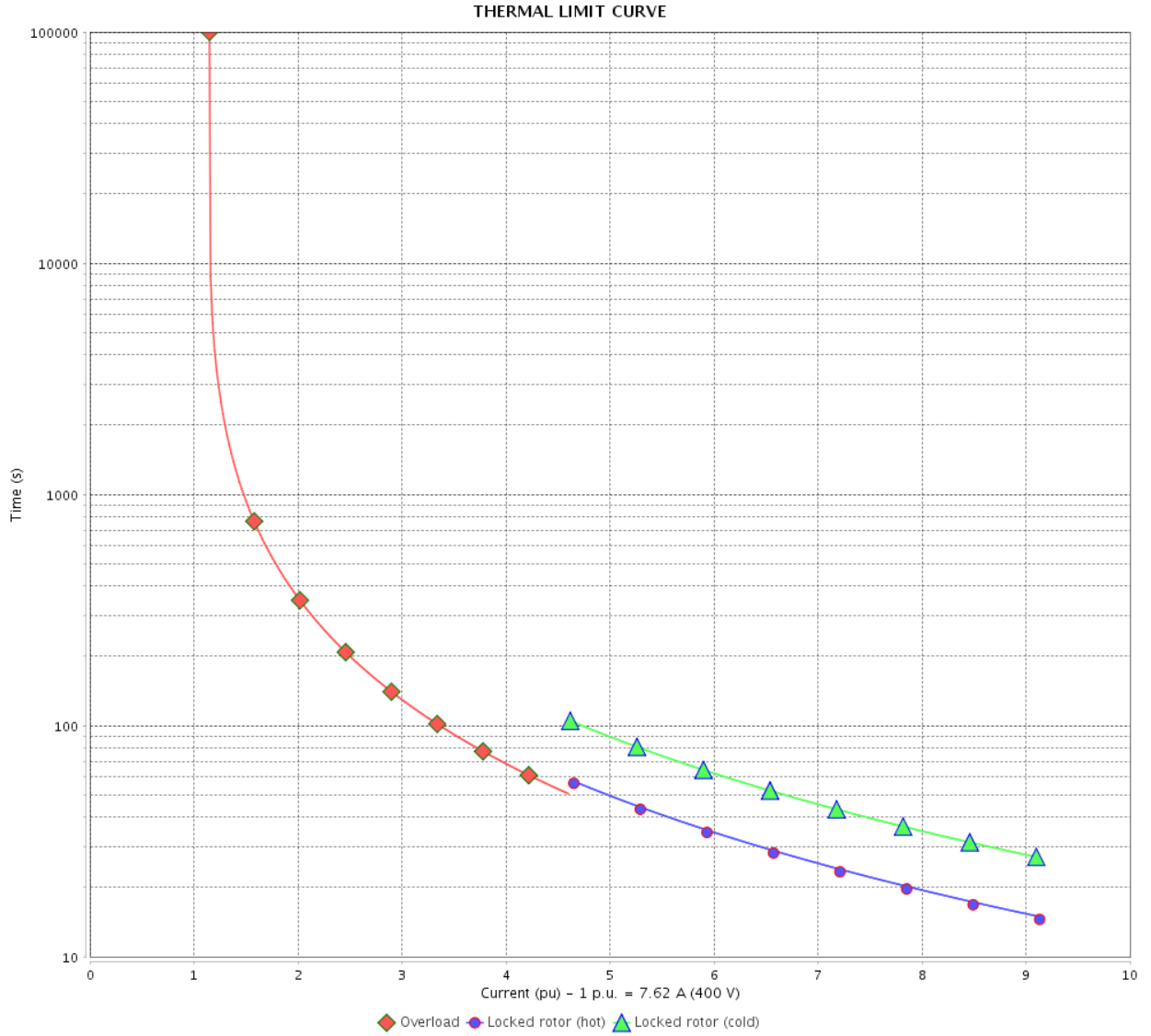
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Heating constant

Cooling constant

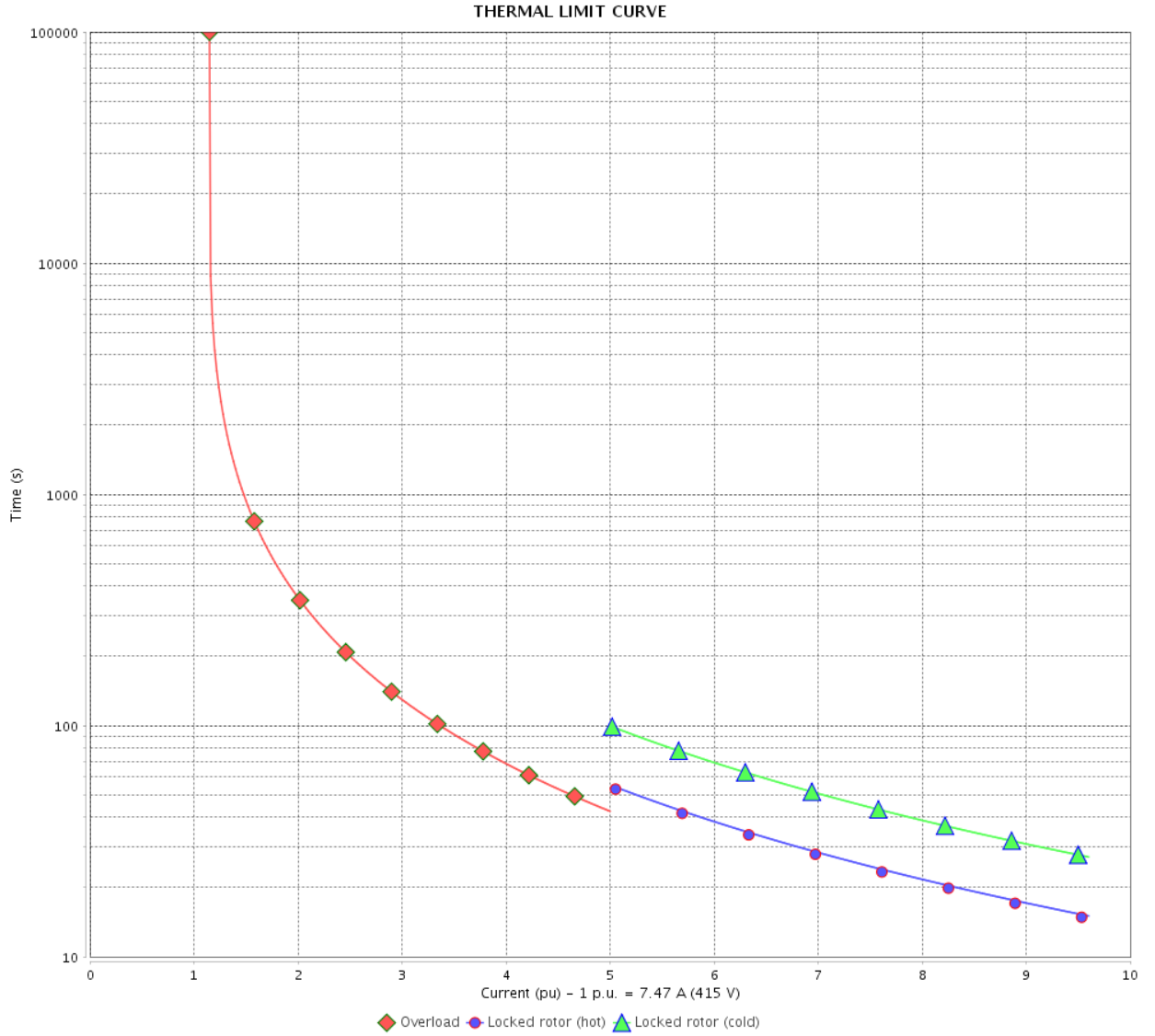
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Rated torque : 14.0 ft.lb	Insulation class : F
Locked rotor torque : 220 %	Service factor : 1.00
Breakdown torque : 260 %	Temperature rise : 80 K
Rated speed : 2810 rpm	Design : A

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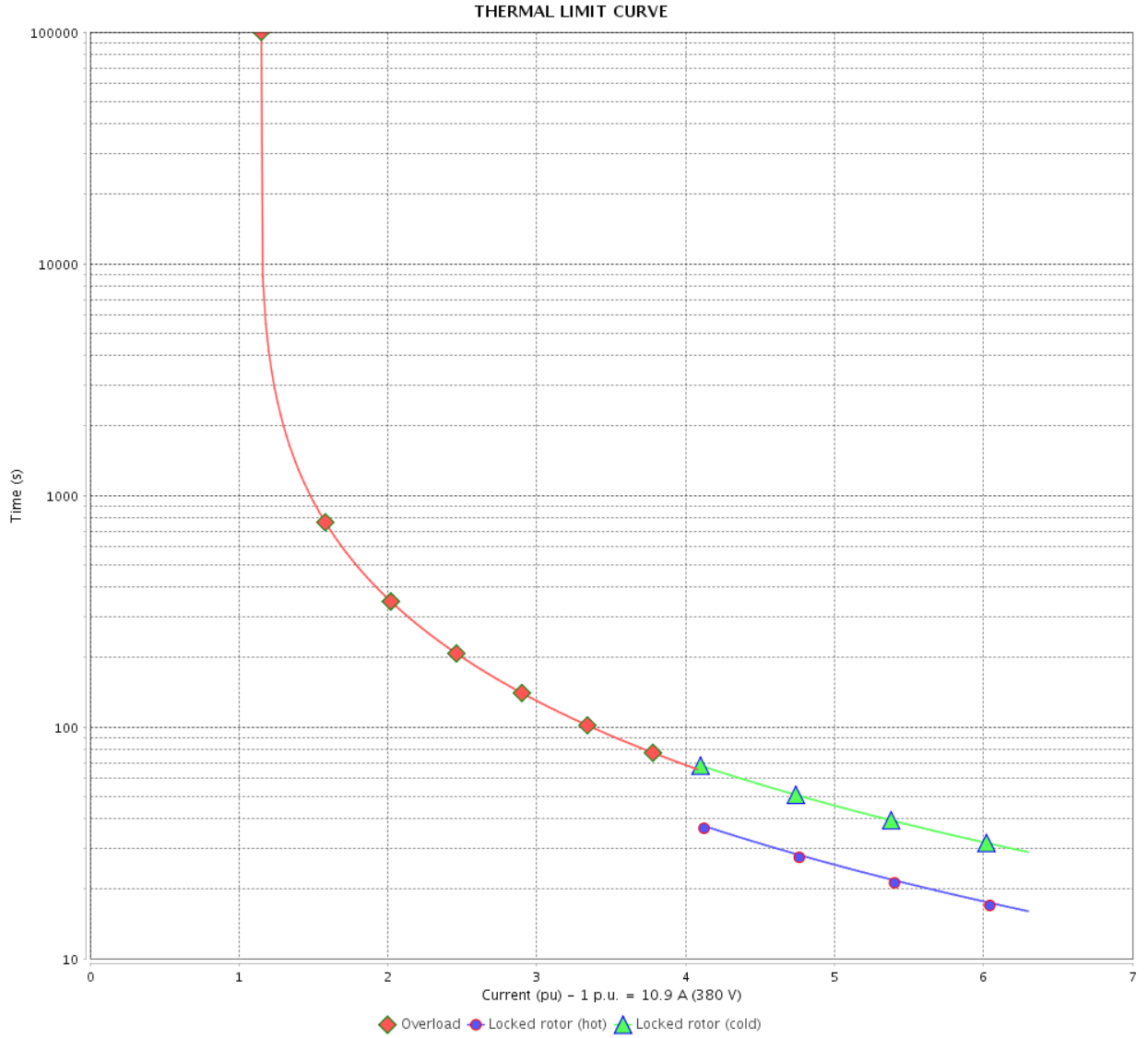
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Product line : NEMA Premium Efficiency Three-Phase
 Product code : 11770881
 Catalog # : 00736ET3E184TC-W22

Performance : 400 V 50 Hz 2P IE1

Rated current : 10.3 A	Moment of inertia (J) : 0.2242 sq.ft.lb
LRC : 7.0	Duty cycle : Cont.(S1)
Rated torque : 13.9 ft.lb	Insulation class : F
Locked rotor torque : 250 %	Service factor : 1.00
Breakdown torque : 280 %	Temperature rise : 80 K
Rated speed : 2840 rpm	Design : A

Heating constant

Cooling constant

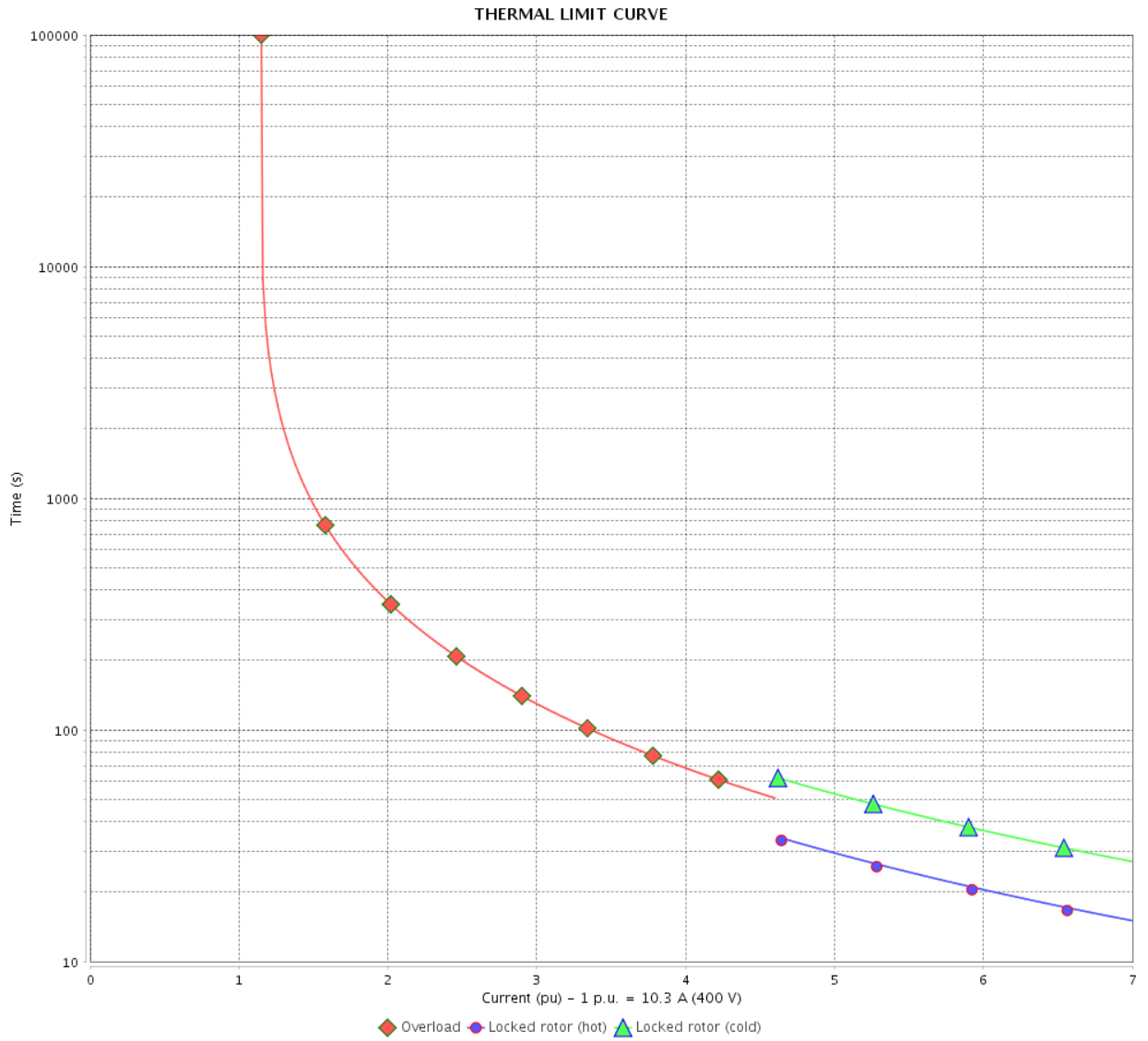
Rev.	Changes Summary	Performed	Checked	Date
Performed by			Page 26 / 36	Revision
Checked by				
Date	12/04/2022			

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____



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

THERMAL LIMIT CURVE



Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase
Product code : 11770881
Catalog # : 00736ET3E184TC-W22

Performance : 415 V 50 Hz 2P IE2

Rated current	: 10.0 A	Moment of inertia (J)	: 0.2242 sq.ft.lb
LRC	: 7.4	Duty cycle	: Cont.(S1)
Rated torque	: 13.8 ft.lb	Insulation class	: F
Locked rotor torque	: 270 %	Service factor	: 1.00
Breakdown torque	: 310 %	Temperature rise	: 80 K
Rated speed	: 2860 rpm	Design	: A

Heating constant

Cooling constant

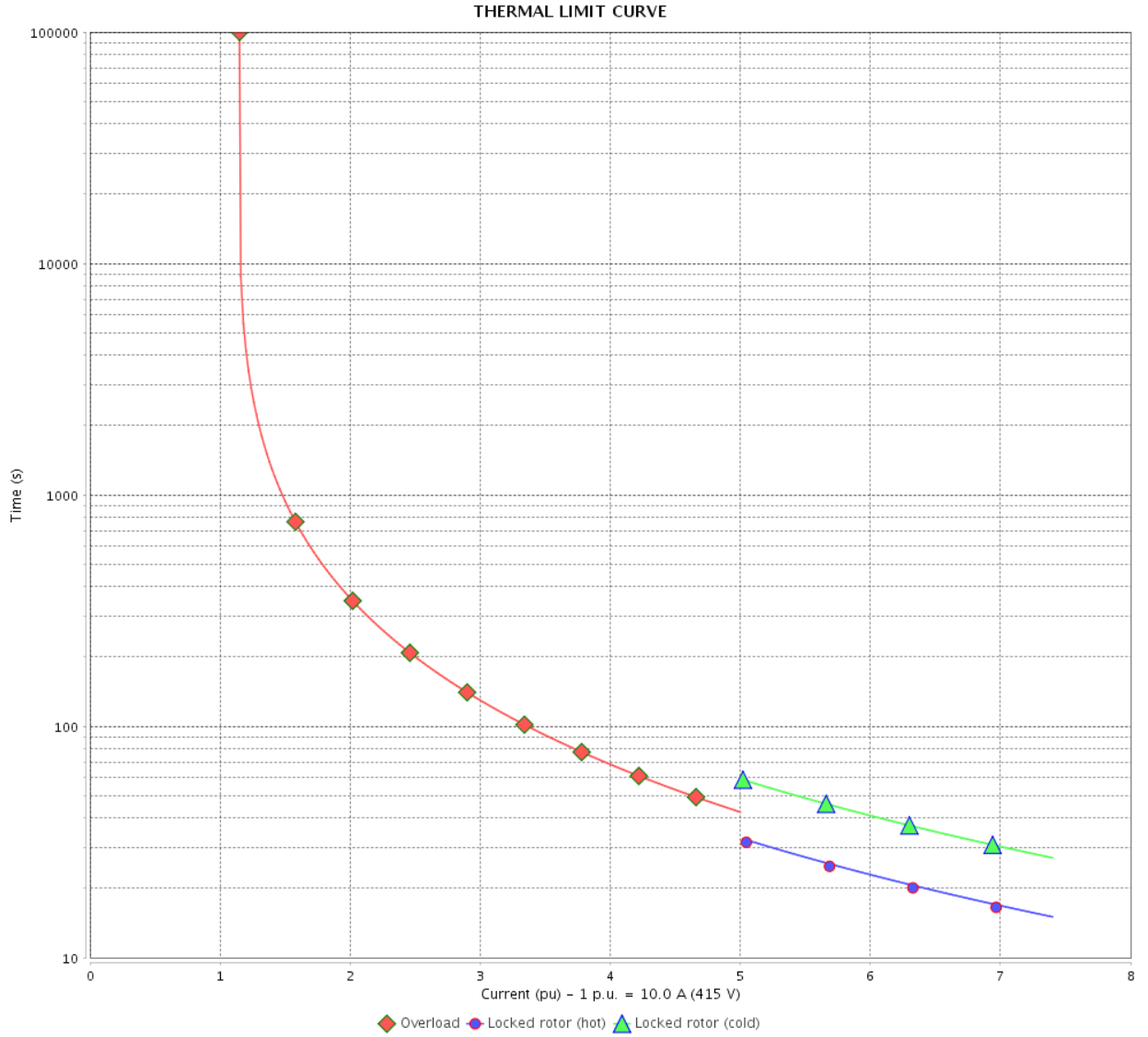
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
Date	12/04/2022		28 / 36	

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



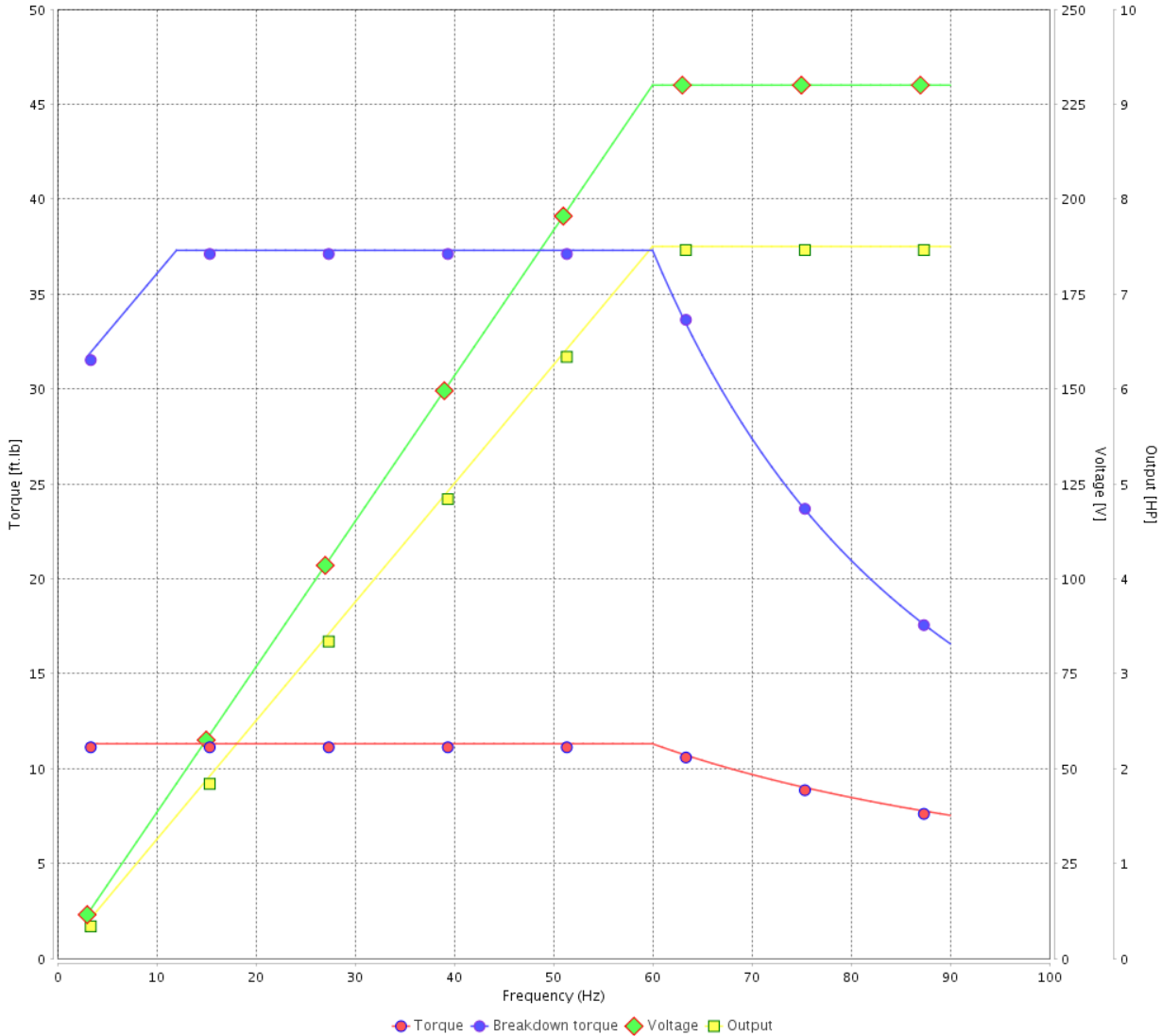
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11770881

Catalog # : 00736ET3E184TC-W22

VFD OPERATION CURVE



Performance : 230/460 V 60 Hz 2P

Rated current : 17.5/8.76 A
 LRC : 8.2
 Rated torque : 11.3 ft.lb
 Locked rotor torque : 270 %
 Breakdown torque : 330 %
 Rated speed : 3485 rpm

Moment of inertia (J) : 0.2242 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.25
 Temperature rise : 80 K
 Design : A

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

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

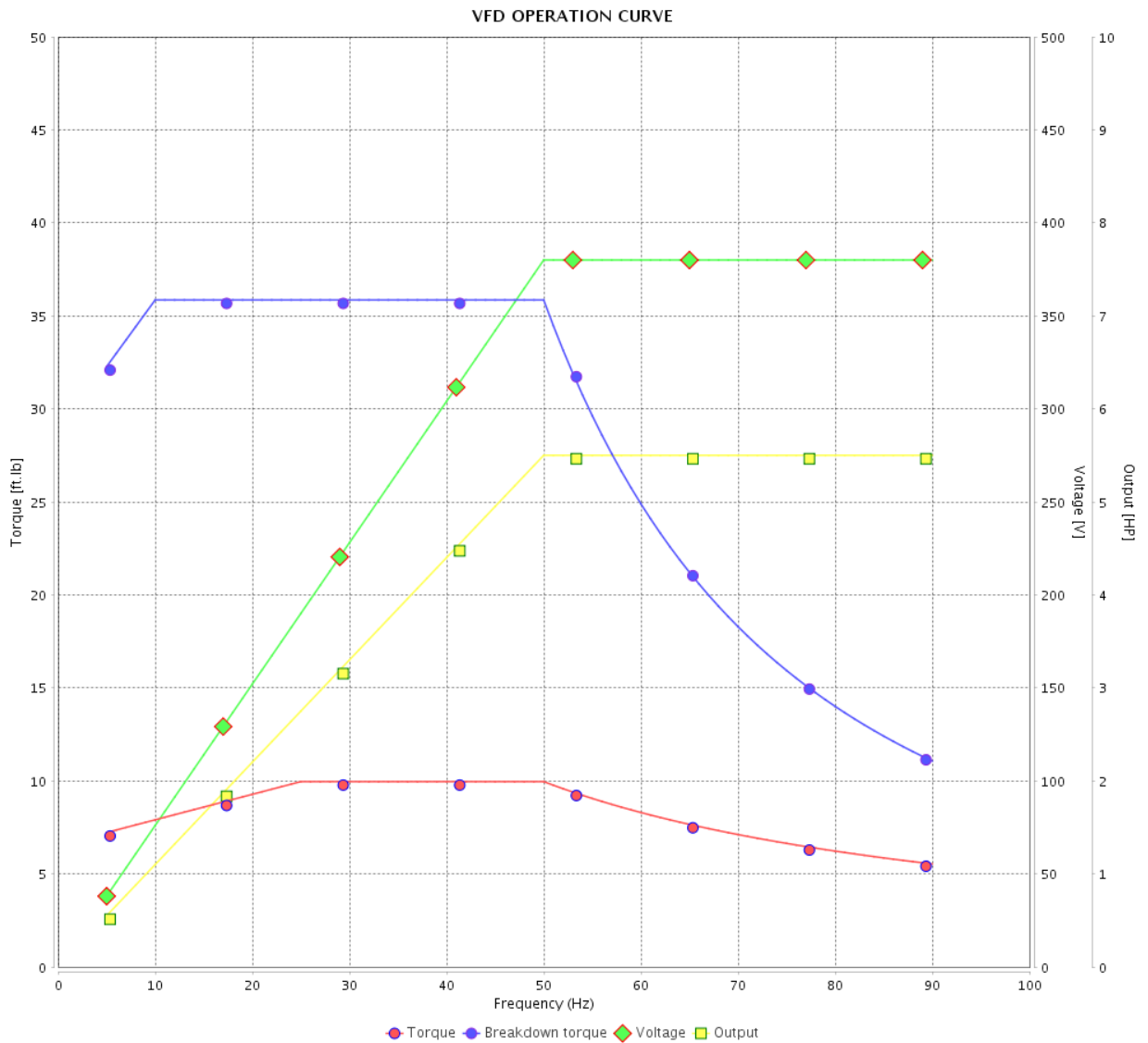


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11770881

Catalog # : 00736ET3E184TC-W22



Performance : 380 V 50 Hz 2P IE3

Rated current : 7.84 A
 LRC : 8.3
 Rated torque : 9.96 ft.lb
 Locked rotor torque : 310 %
 Breakdown torque : 360 %
 Rated speed : 2900 rpm

Moment of inertia (J) : 0.2242 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : A

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Date	12/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



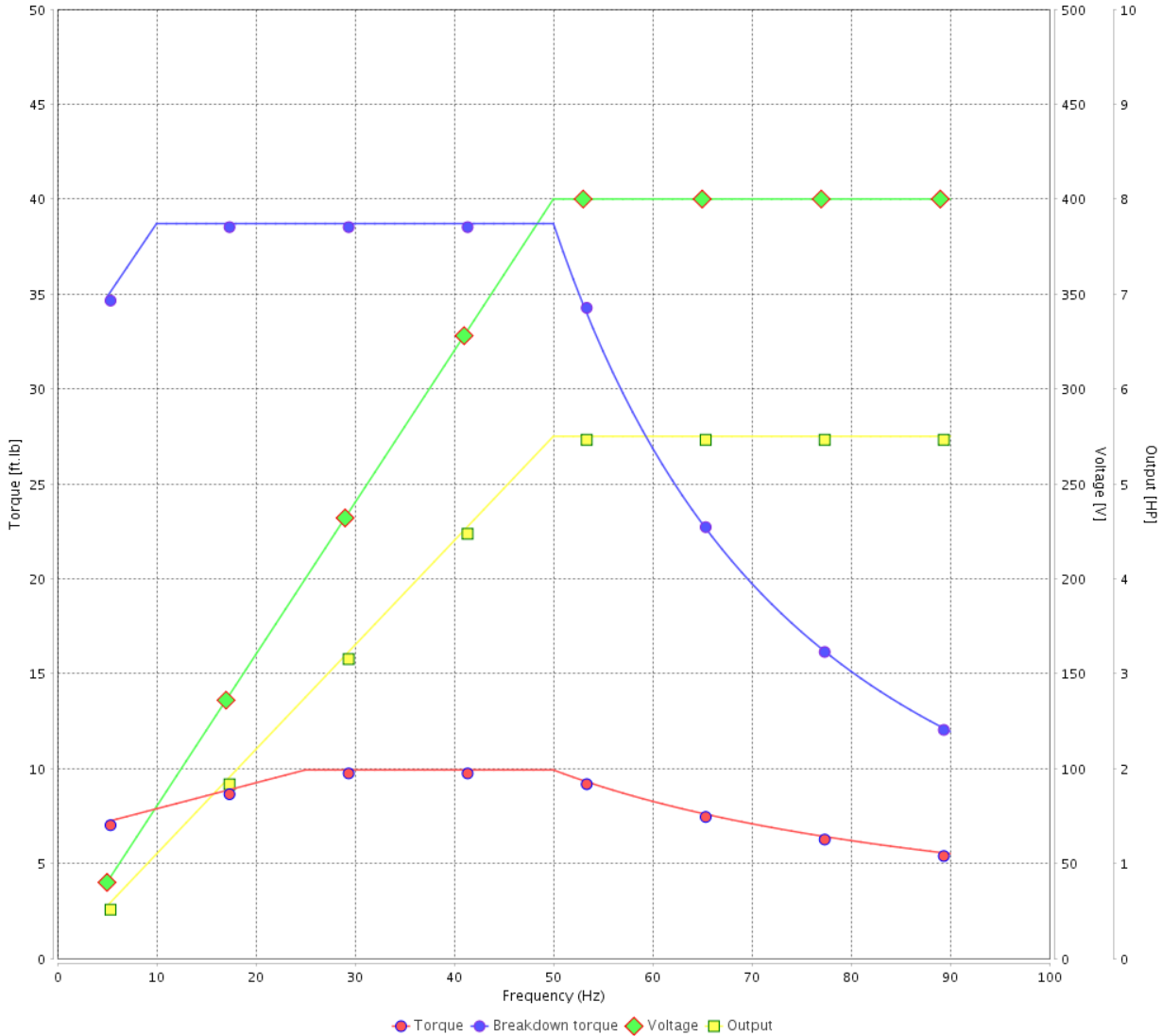
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11770881

Catalog # : 00736ET3E184TC-W22

VFD OPERATION CURVE



Performance : 400 V 50 Hz 2P IE3

Rated current : 7.62 A
 LRC : 9.1
 Rated torque : 9.93 ft.lb
 Locked rotor torque : 350 %
 Breakdown torque : 390 %
 Rated speed : 2910 rpm

Moment of inertia (J) : 0.2242 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : A

Rev.	Changes Summary	Performed	Checked	Date
Performed by			Page 32 / 36	Revision
Checked by				
Date	12/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

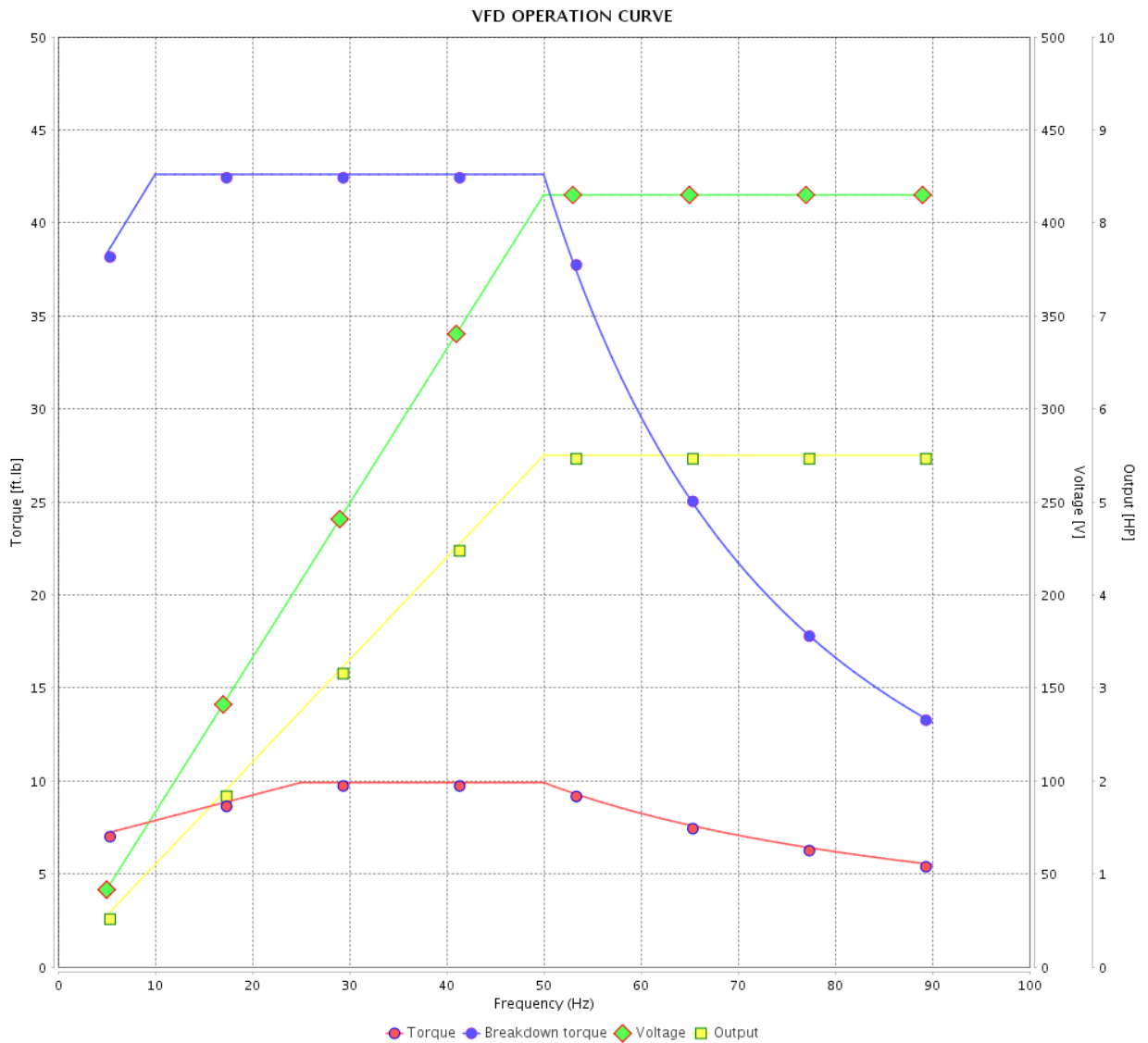


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11770881

Catalog # : 00736ET3E184TC-W22



Performance : 415 V 50 Hz 2P IE3

Rated current : 7.47 A
 LRC : 9.6
 Rated torque : 9.91 ft.lb
 Locked rotor torque : 370 %
 Breakdown torque : 430 %
 Rated speed : 2915 rpm

Moment of inertia (J) : 0.2242 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : A

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

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



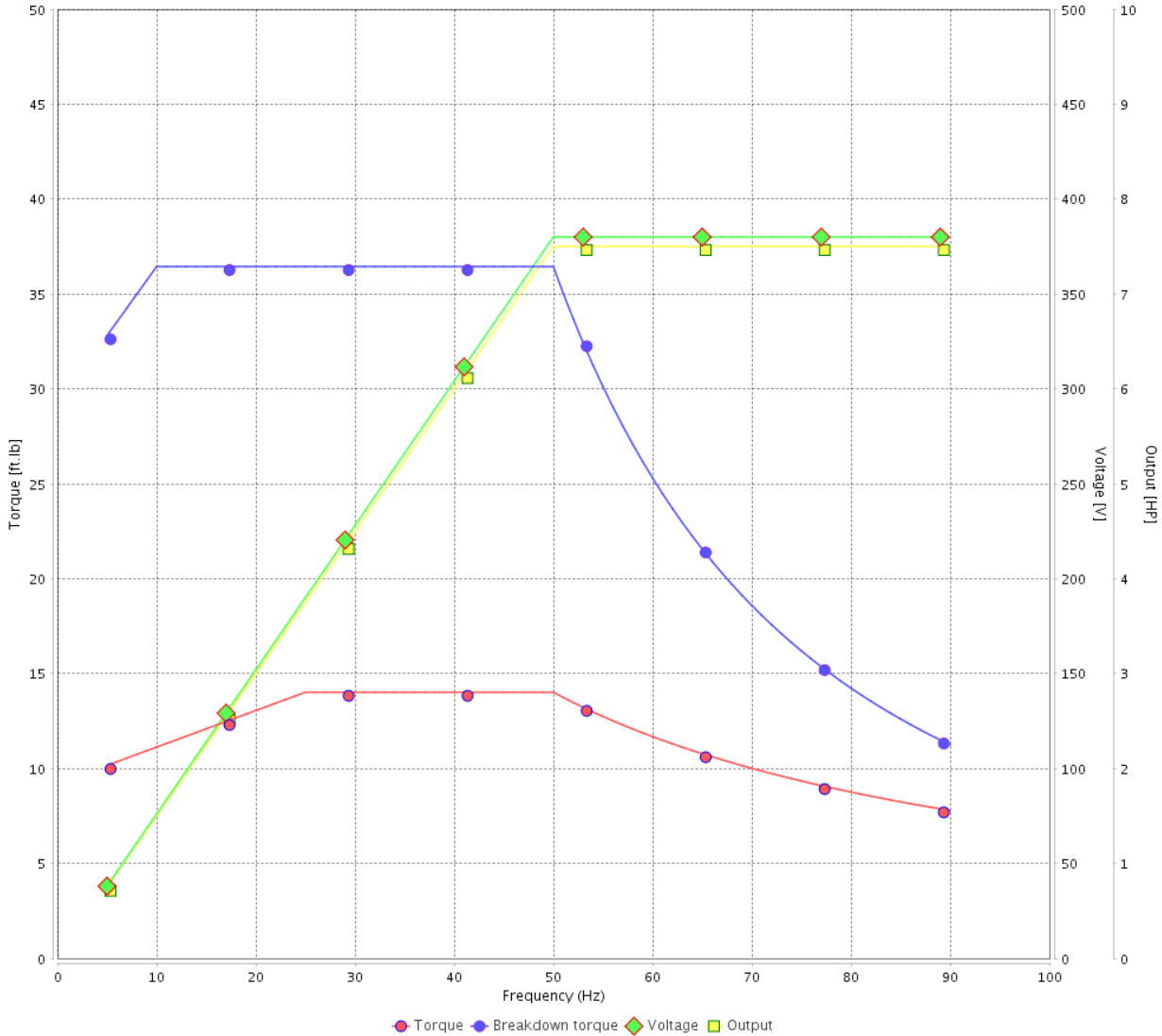
Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11770881

Catalog # : 00736ET3E184TC-W22

VFD OPERATION CURVE



Performance : 380 V 50 Hz 2P

Rated current : 10.9 A
 LRC : 6.3
 Rated torque : 14.0 ft.lb
 Locked rotor torque : 220 %
 Breakdown torque : 260 %
 Rated speed : 2810 rpm

Moment of inertia (J) : 0.2242 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : A

Rev.	Changes Summary	Performed	Checked	Date
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Date	12/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

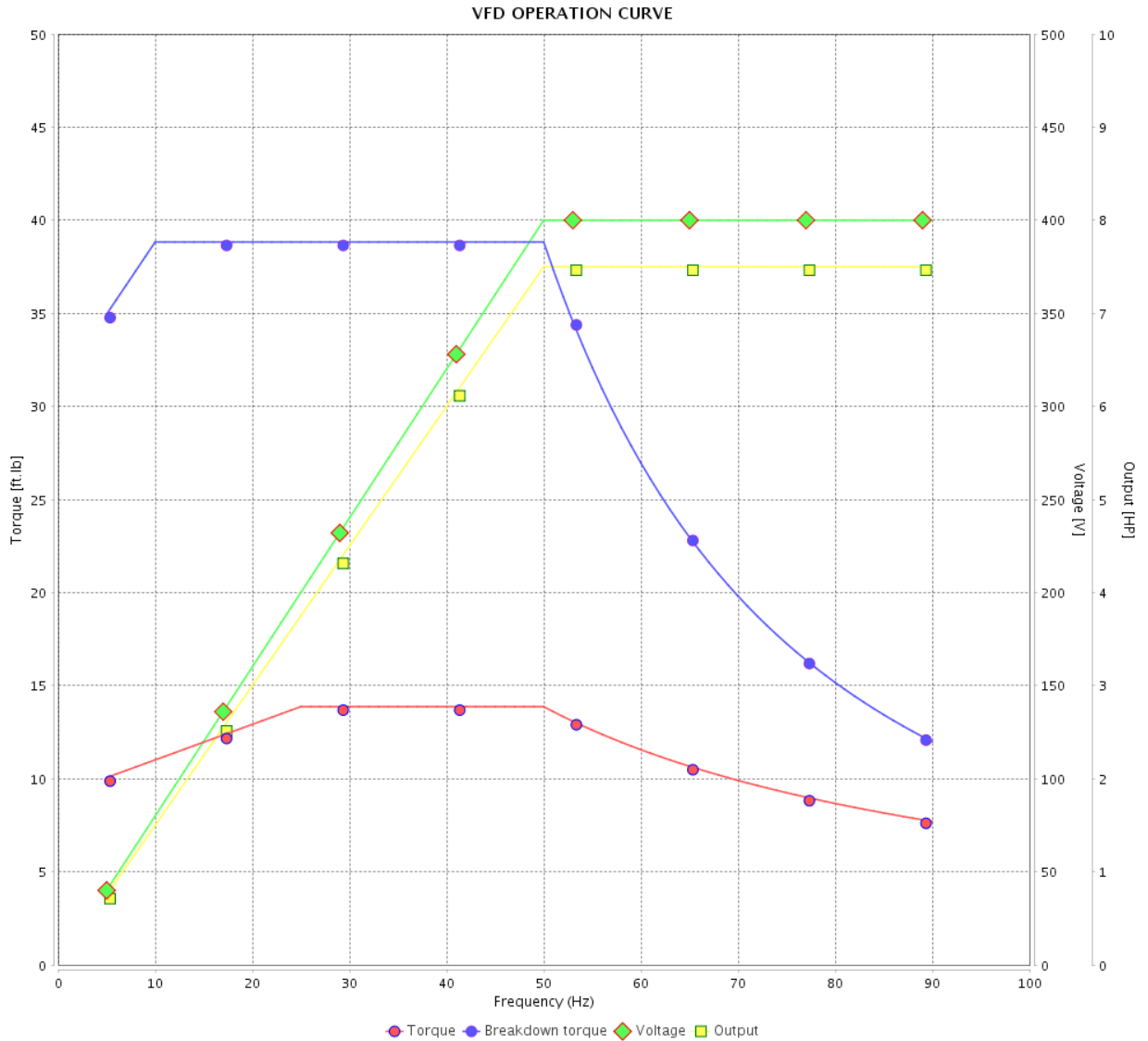


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11770881

Catalog # : 00736ET3E184TC-W22



Performance : 400 V 50 Hz 2P IE1

Rated current : 10.3 A
 LRC : 7.0
 Rated torque : 13.9 ft.lb
 Locked rotor torque : 250 %
 Breakdown torque : 280 %
 Rated speed : 2840 rpm

Moment of inertia (J) : 0.2242 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : A

Rev.	Changes Summary	Performed	Checked	Date
Performed by		Page		Revision
Checked by		35 / 36		
Date	12/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



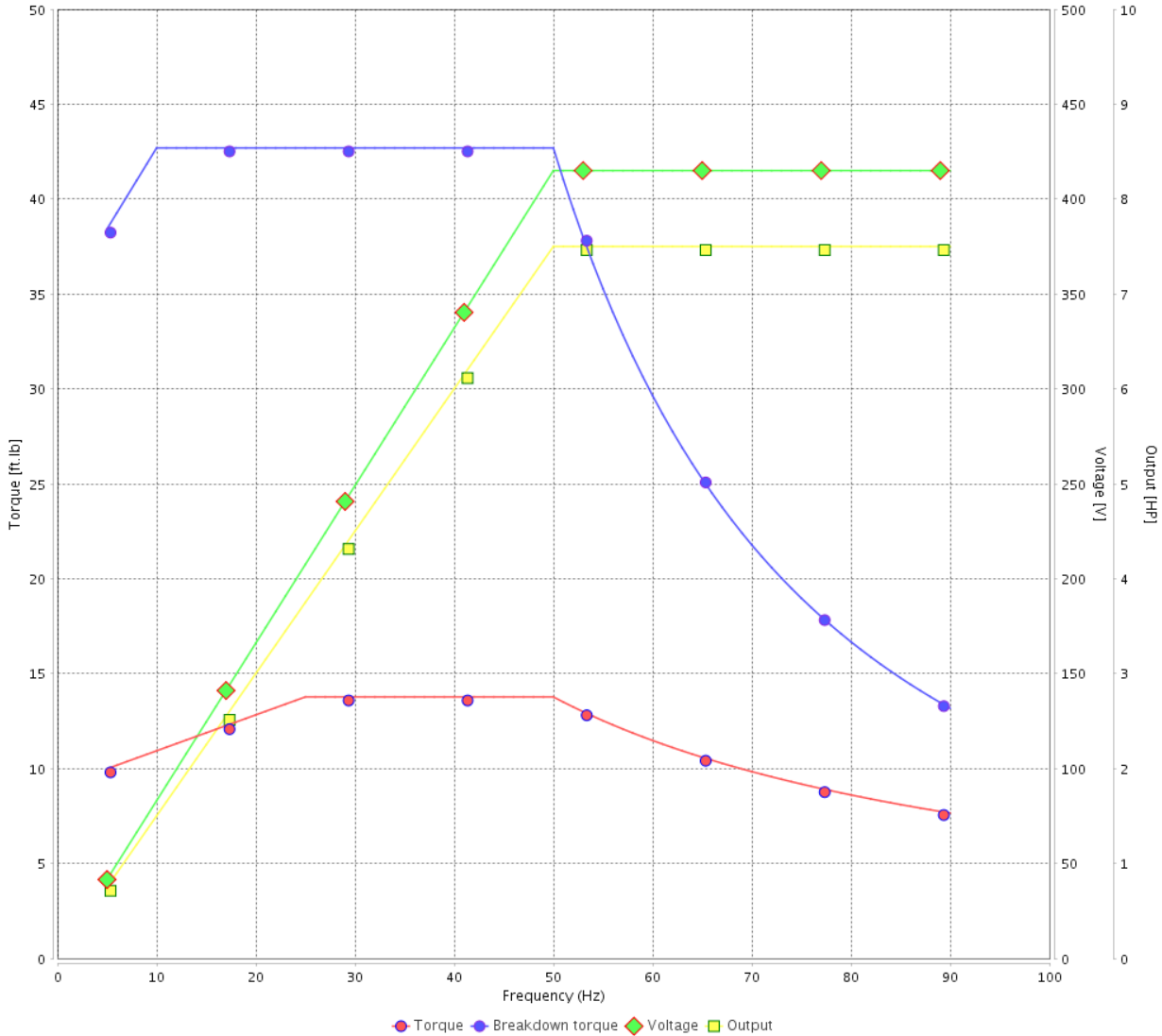
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11770881

Catalog # : 00736ET3E184TC-W22

VFD OPERATION CURVE



Performance : 415 V 50 Hz 2P IE2

Rated current : 10.0 A
 LRC : 7.4
 Rated torque : 13.8 ft.lb
 Locked rotor torque : 270 %
 Breakdown torque : 310 %
 Rated speed : 2860 rpm

Moment of inertia (J) : 0.2242 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : A

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

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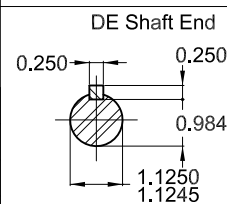
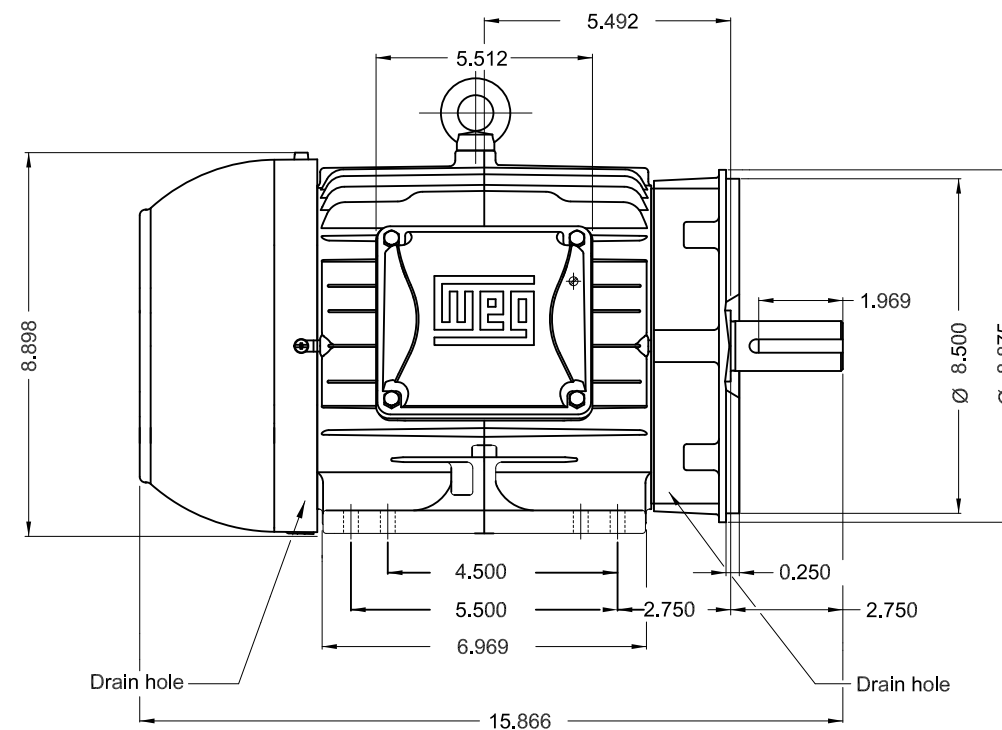
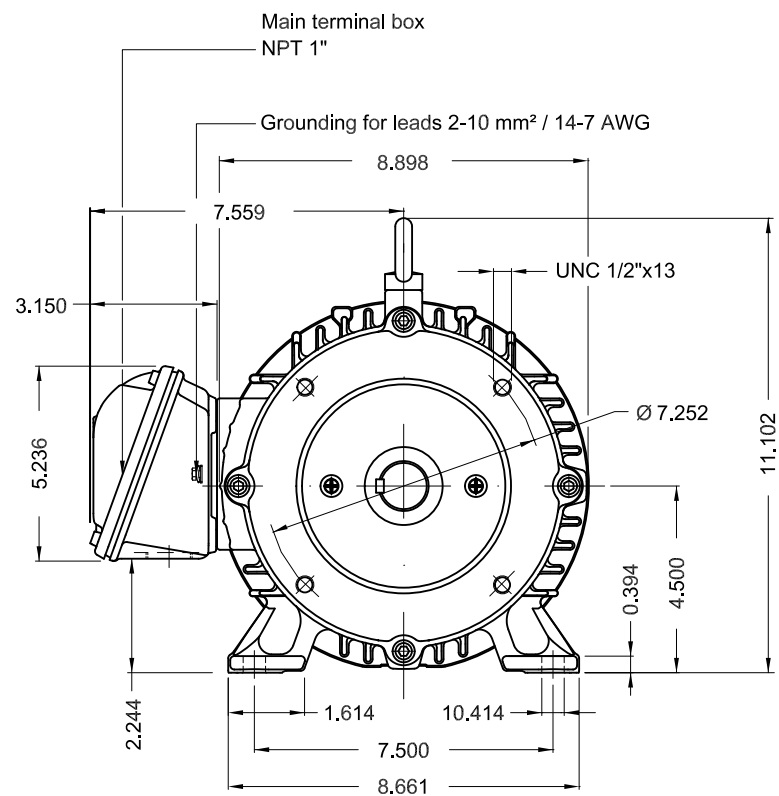
A

B

C

D

E



Bearing cap
Color RAL 5009
Painting plan 207A
Mounting B34R(D)

7.5 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 182/4TC IP55 TEFC					
RELEASED							
REL DT.	WMO	Jaragua do Sul	Product Engineering	SHEET	1 / 1		

PREVIEW
WDD



MADE IN BRAZIL
11770881



W22

MODEL 00736ET3E184TC-W22

Inverter Duty Motor
Severe Duty



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 - T5
For use on PWM: Gr. A, B, C, D, F and G,
VT 1000:1, CT 20:1, 1.00SF - T4A



FOR SAFE AREA
Mod. TE1BFOXON
CC029A

PH3 60Hz Fr. 182/4TC 1000m.a.s.l. IP55 TEFC 101lb

V 230/460

A 17.5/8.76

HP 7.5

kW 5.5

SF 1.25

SFA 21.9/10.9

RPM 3485

PF 0.88

AMB 40°C

INS cl. F DT80K

NEMA NOM EFF 89.5%

DUTY CONT.

DES A Code J

USABLE @208V 19.4A SF 1.15 SFA 22.3

7.5HP 5.5kW 50Hz 380V 10.9A 2810RPM SF 1.00 EFF 84.5%

