

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer								
Product line	: NEMA Premium Efficiency Three-Phase	Product code	: 12769961					
		Catalog #	: 04036ET3E324TS-W22G					
Frame	: 324/6TS	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	: 538 lb					
Protection degree	: IP55	Moment of inertia (J)	: 4.90 sq.ft.lb					
Design	: B							
Output [HP]	40	30	30	30	40	40	40	
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]	92.6/46.3	41.0	39.4	38.4	56.3	53.1	51.7	
L. R. Amperes [A]	583/292	295	296	292	282	297	321	
LRC [A]	6.3x(Code G)	7.2x(Code G)	7.5x(Code H)	7.6x(Code H)	5.0x(Code E)	5.6x(Code F)	6.2x(Code F)	
No load current [A]	26.0/13.0	12.0	13.0	13.5	12.0	13.0	13.5	
Rated speed [RPM]	3560	2965	2970	2970	2940	2945	2955	
Slip [%]	1.11	1.17	1.00	1.00	2.00	1.83	1.50	
Rated torque [ft.lb]	59.1	53.2	53.1	53.0	71.4	71.3	71.2	
Locked rotor torque [%]	250	240	270	290	180	200	220	
Breakdown torque [%]	240	250	280	310	200	210	229	
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	39s (cold) 22s (hot)	27s (cold) 15s (hot)	27s (cold) 15s (hot)	27s (cold) 15s (hot)	27s (cold) 15s (hot)	27s (cold) 15s (hot)	27s (cold) 15s (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%	91.6	90.0	89.3	90.0	92.2	91.6	92.2
	50%	91.7	90.9	90.3	90.7	91.7	91.7	91.7
	75%	92.4	91.8	91.7	92.1	91.7	91.7	92.4
	100%	92.4	92.7	92.7	92.7	91.0	91.7	91.7
Power Factor	25%	0.55	0.54	0.50	0.48	0.62	0.59	0.56
	50%	0.80	0.77	0.75	0.73	0.84	0.82	0.80
	75%	0.86	0.85	0.83	0.82	0.88	0.87	0.86
	100%	0.88	0.88	0.87	0.86	0.89	0.89	0.88
Bearing type	: 6312 C3	6212 C3	Foundation loads					
Sealing	: V'Ring	V'Ring	Max. traction	: 358 lb				
Lubrication interval	: 12000 h	15000 h	Max. compression	: 896 lb				
Lubricant amount	: 21 g	13 g						
Lubricant type	: Mobil Polyrex EM							
Notes								
USABLE @208V 101A SF 1.10 SFA 111A								
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



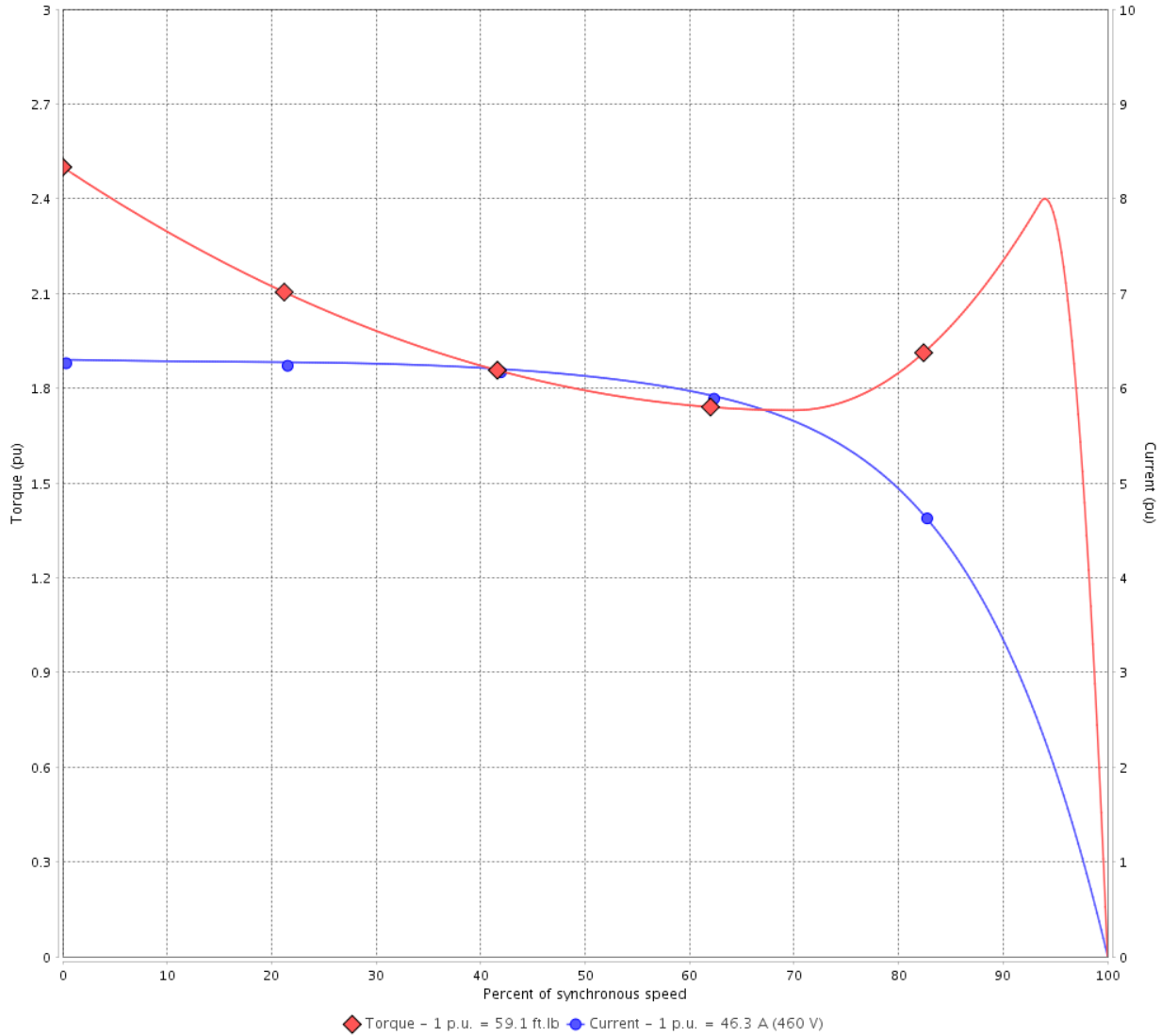
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769961

Catalog # : 04036ET3E324TS-W22G

TORQUE AND CURRENT VS SPEED CURVE



Performance : 230/460 V 60 Hz 2P

Rated current	: 92.6/46.3 A	Moment of inertia (J)	: 4.90 sq.ft.lb
LRC	: 6.3	Duty cycle	: Cont.(S1)
Rated torque	: 59.1 ft.lb	Insulation class	: F
Locked rotor torque	: 250 %	Service factor	: 1.25
Breakdown torque	: 240 %	Temperature rise	: 80 K
Rated speed	: 3560 rpm	Design	: B

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

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TORQUE AND CURRENT VS SPEED CURVE



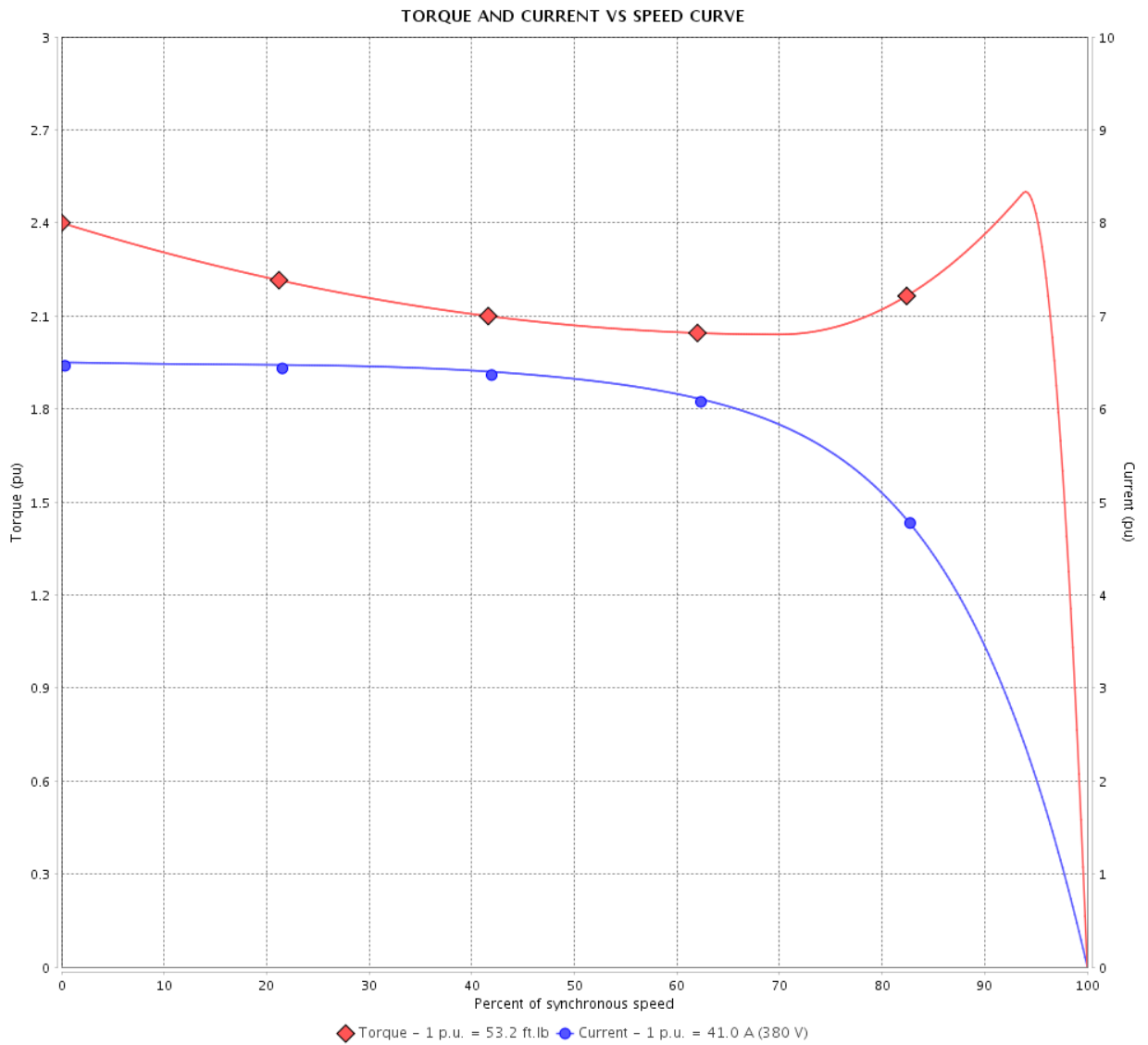
Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769961

Catalog # : 04036ET3E324TS-W22G



Performance : 380 V 50 Hz 2P IE3

Rated current	: 41.0 A	Moment of inertia (J)	: 4.90 sq.ft.lb
LRC	: 7.2	Duty cycle	: Cont.(S1)
Rated torque	: 53.2 ft.lb	Insulation class	: F
Locked rotor torque	: 240 %	Service factor	: 1.00
Breakdown torque	: 250 %	Temperature rise	: 80 K
Rated speed	: 2965 rpm	Design	: B

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

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



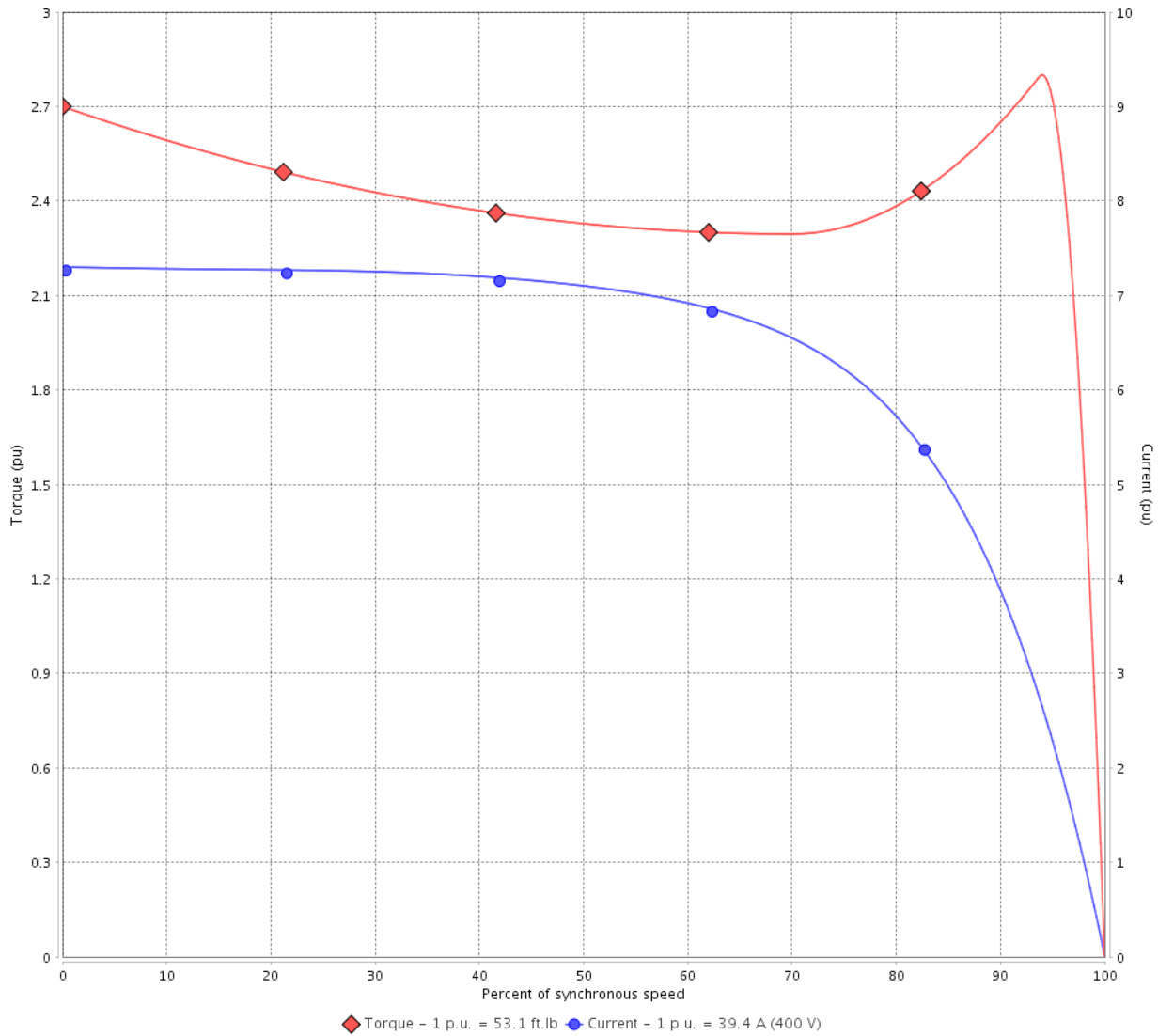
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769961

Catalog # : 04036ET3E324TS-W22G

TORQUE AND CURRENT VS SPEED CURVE



Performance : 400 V 50 Hz 2P IE3

Rated current	: 39.4 A	Moment of inertia (J)	: 4.90 sq.ft.lb
LRC	: 7.5	Duty cycle	: Cont.(S1)
Rated torque	: 53.1 ft.lb	Insulation class	: F
Locked rotor torque	: 270 %	Service factor	: 1.00
Breakdown torque	: 280 %	Temperature rise	: 80 K
Rated speed	: 2970 rpm	Design	: B

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

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TORQUE AND CURRENT VS SPEED CURVE



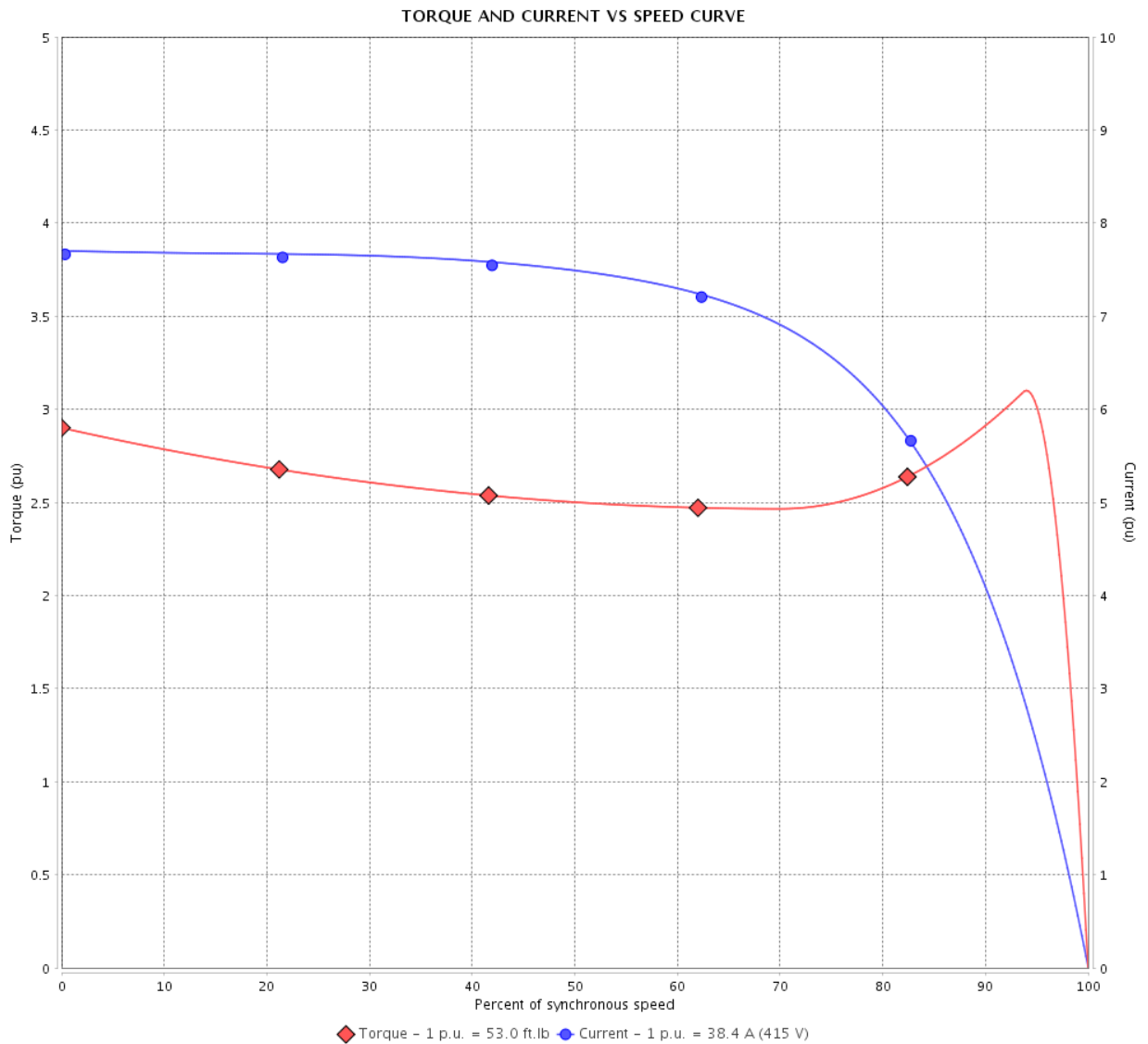
Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769961

Catalog # : 04036ET3E324TS-W22G



Performance : 415 V 50 Hz 2P IE3

Rated current	: 38.4 A	Moment of inertia (J)	: 4.90 sq.ft.lb
LRC	: 7.6	Duty cycle	: Cont.(S1)
Rated torque	: 53.0 ft.lb	Insulation class	: F
Locked rotor torque	: 290 %	Service factor	: 1.00
Breakdown torque	: 310 %	Temperature rise	: 80 K
Rated speed	: 2970 rpm	Design	: B

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

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



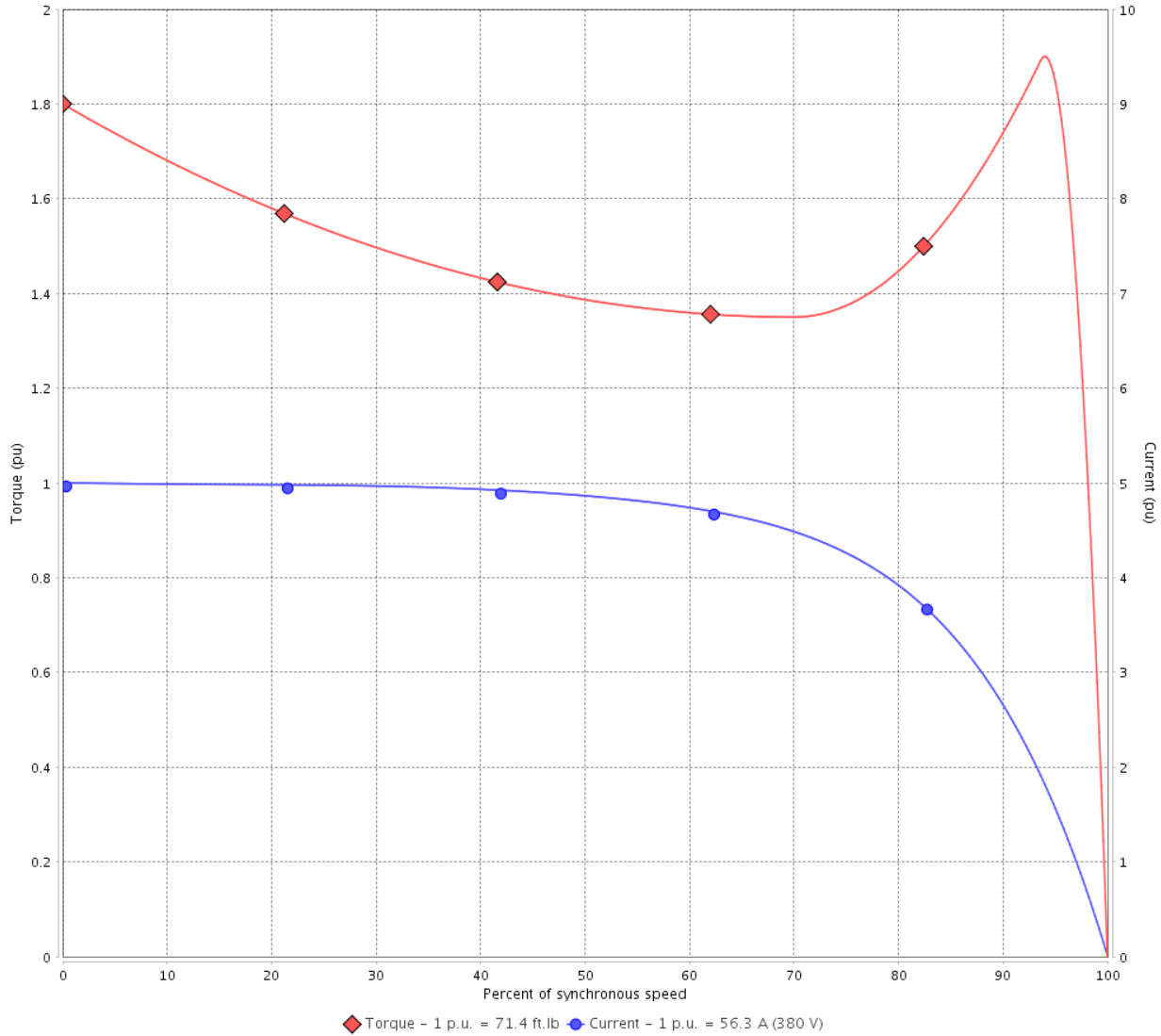
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Product code : 12769961

Catalog # : 04036ET3E324TS-W22G

TORQUE AND CURRENT VS SPEED CURVE



Performance : 380 V 50 Hz 2P IE1

Rated current	: 56.3 A	Moment of inertia (J)	: 4.90 sq.ft.lb
LRC	: 5.0	Duty cycle	: Cont.(S1)
Rated torque	: 71.4 ft.lb	Insulation class	: F
Locked rotor torque	: 180 %	Service factor	: 1.00
Breakdown torque	: 200 %	Temperature rise	: 105 K
Rated speed	: 2940 rpm	Design	: B

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

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TORQUE AND CURRENT VS SPEED CURVE



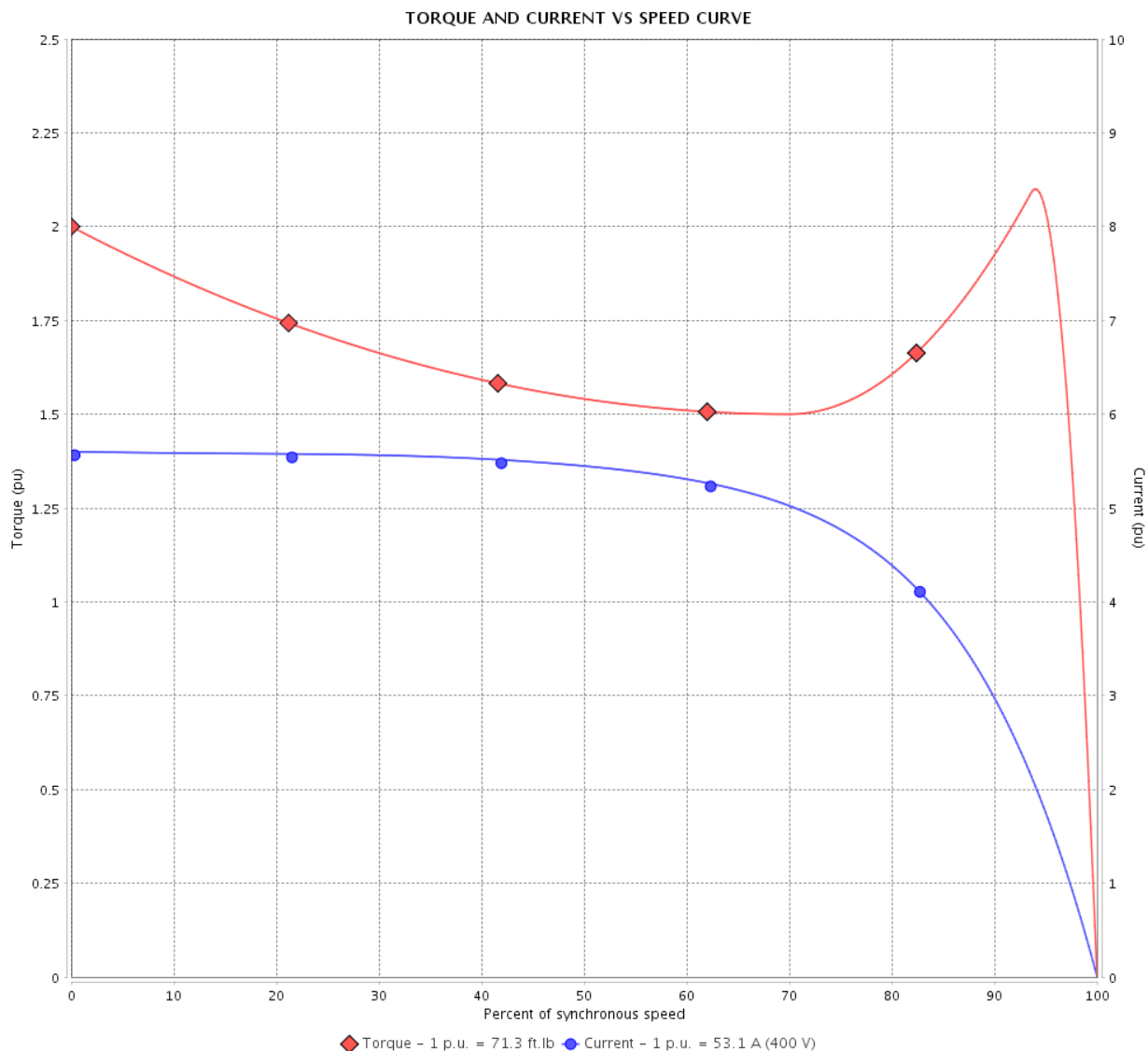
Three Phase Induction Motor - Squirrel Cage

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Product code : 12769961

Catalog # : 04036ET3E324TS-W22G



Performance : 400 V 50 Hz 2P IE1

Rated current	: 53.1 A	Moment of inertia (J)	: 4.90 sq.ft.lb
LRC	: 5.6	Duty cycle	: Cont.(S1)
Rated torque	: 71.3 ft.lb	Insulation class	: F
Locked rotor torque	: 200 %	Service factor	: 1.00
Breakdown torque	: 210 %	Temperature rise	: 105 K
Rated speed	: 2945 rpm	Design	: B

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

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



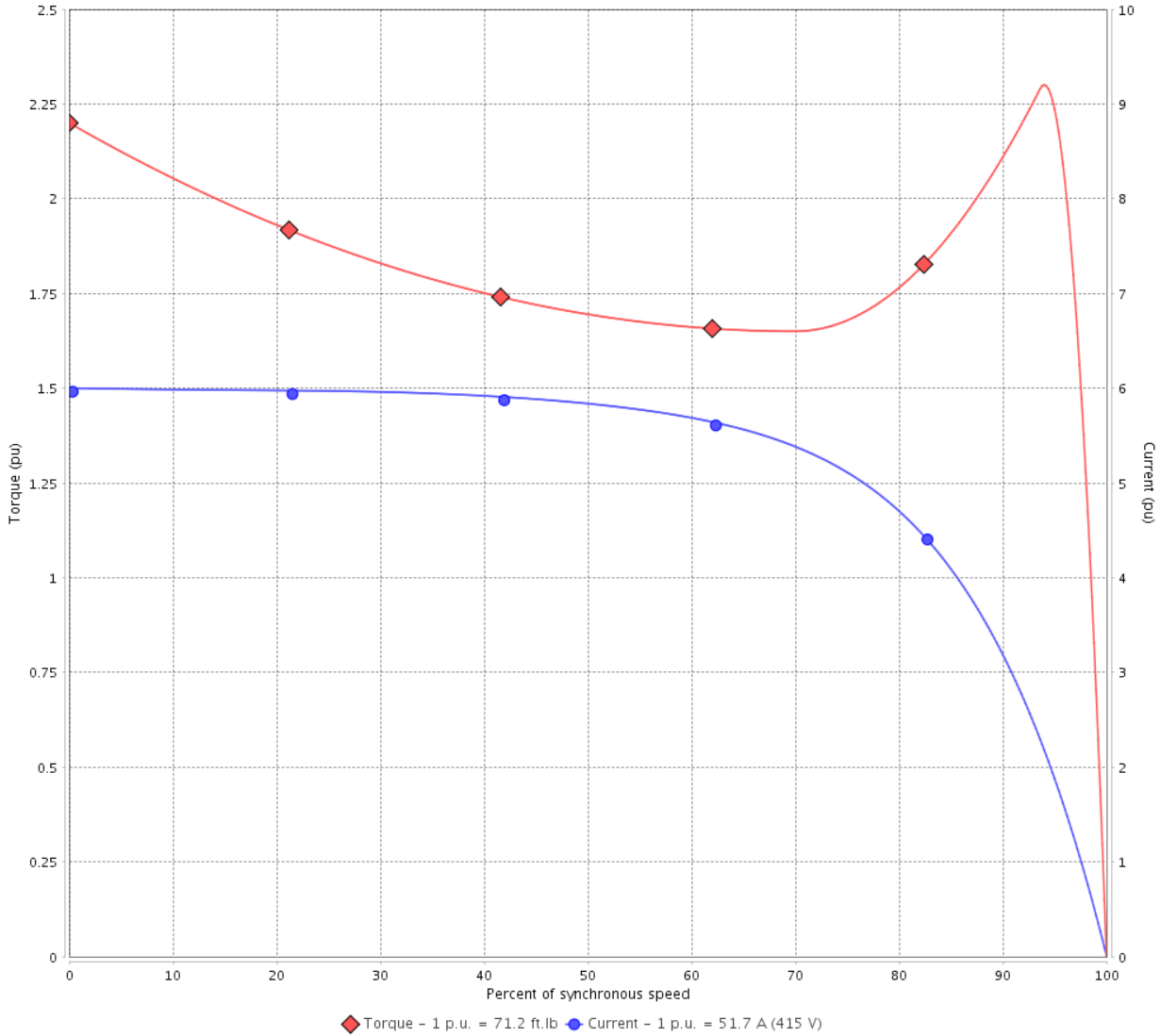
Customer :

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Product code : 12769961

Catalog # : 04036ET3E324TS-W22G

TORQUE AND CURRENT VS SPEED CURVE



Performance : 415 V 50 Hz 2P IE1

Rated current	: 51.7 A	Moment of inertia (J)	: 4.90 sq.ft.lb
LRC	: 6.2	Duty cycle	: Cont.(S1)
Rated torque	: 71.2 ft.lb	Insulation class	: F
Locked rotor torque	: 220 %	Service factor	: 1.00
Breakdown torque	: 229 %	Temperature rise	: 105 K
Rated speed	: 2955 rpm	Design	: B

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

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Three Phase Induction Motor - Squirrel Cage

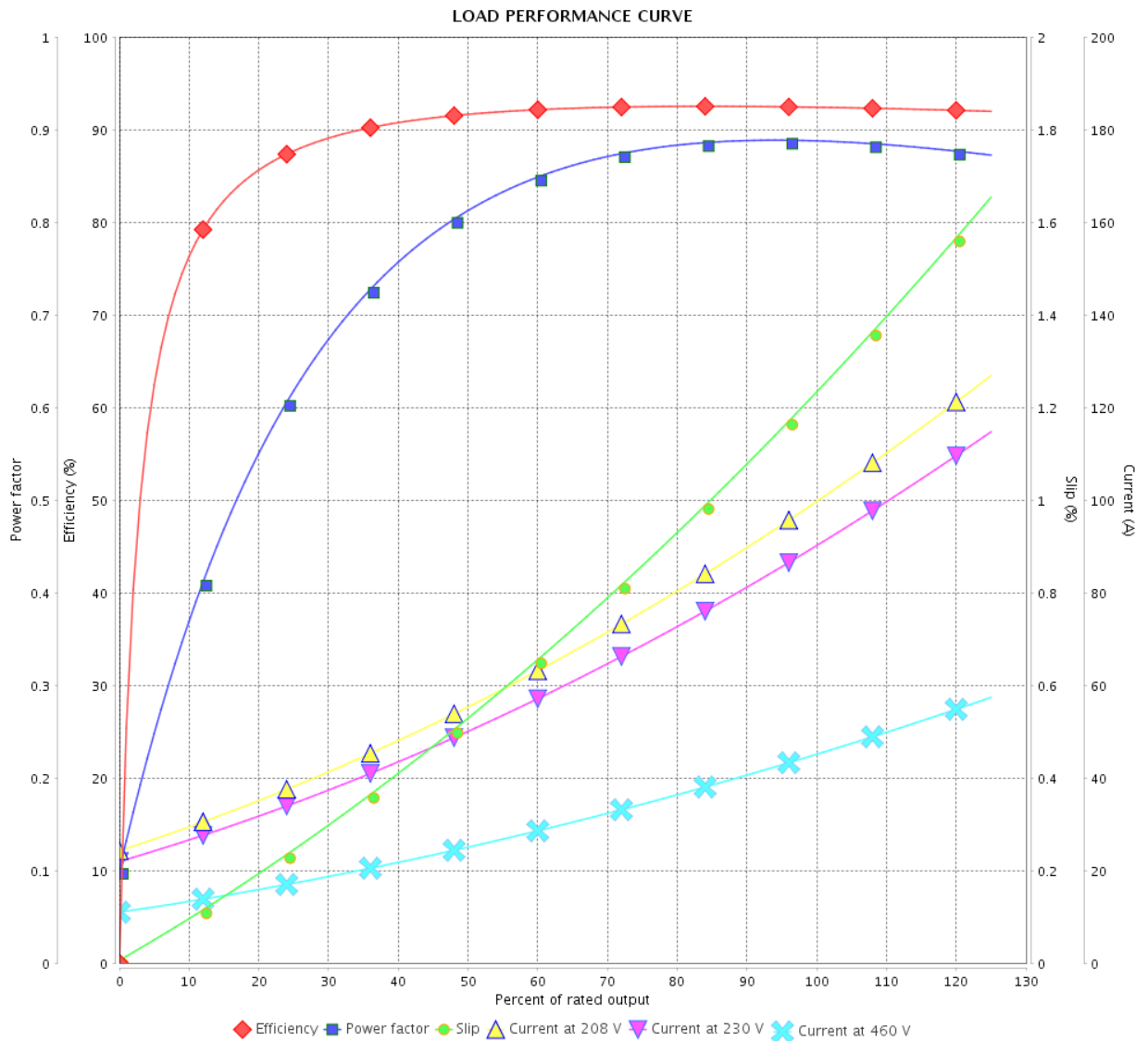


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769961

Catalog # : 04036ET3E324TS-W22G



Performance : 230/460 V 60 Hz 2P

Rated current : 92.6/46.3 A
 LRC : 6.3
 Rated torque : 59.1 ft.lb
 Locked rotor torque : 250 %
 Breakdown torque : 240 %
 Rated speed : 3560 rpm

Moment of inertia (J) : 4.90 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

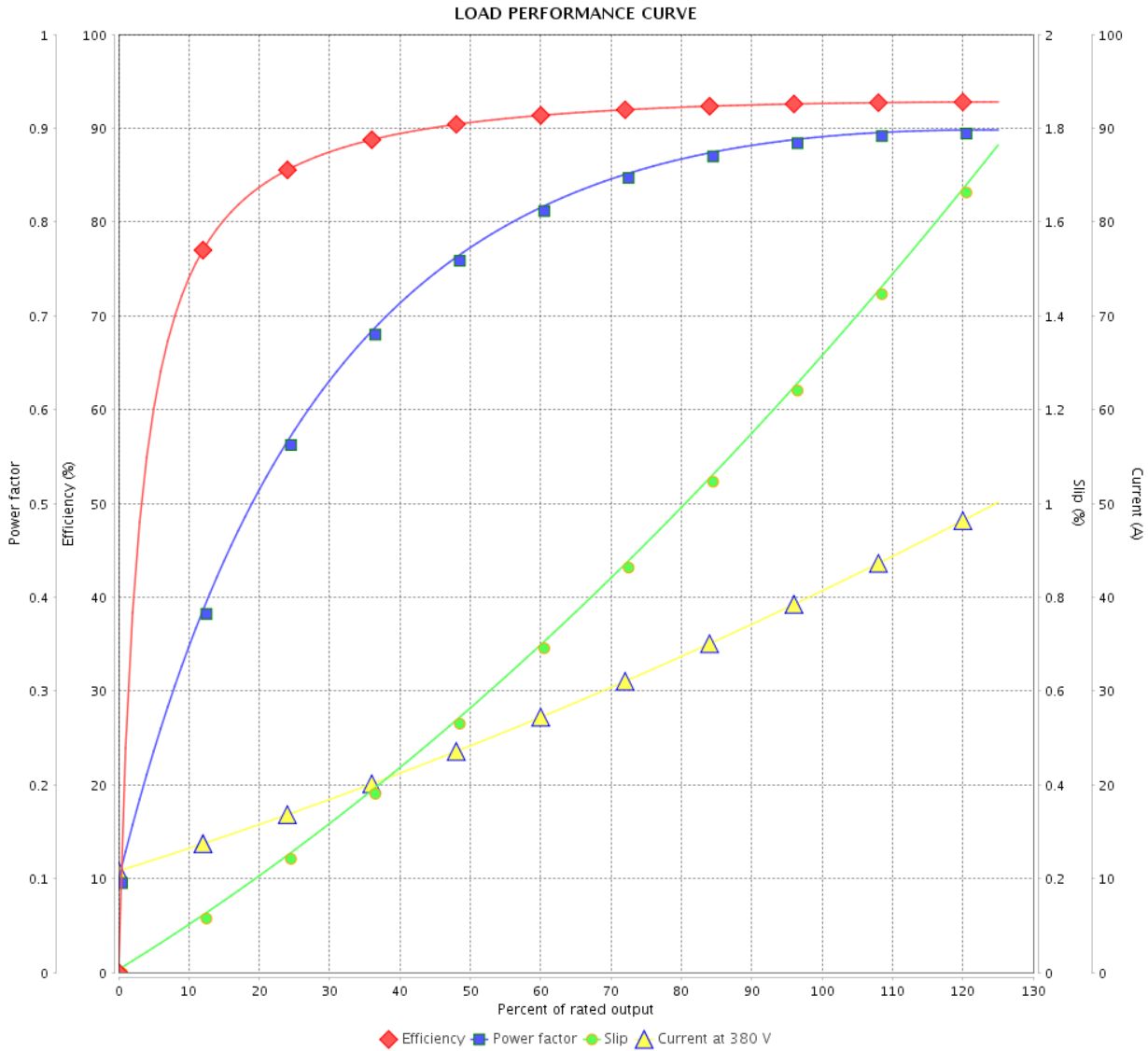


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769961

Catalog # : 04036ET3E324TS-W22G



Performance : 380 V 50 Hz 2P IE3

Rated current : 41.0 A
 LRC : 7.2
 Rated torque : 53.2 ft.lb
 Locked rotor torque : 240 %
 Breakdown torque : 250 %
 Rated speed : 2965 rpm

Moment of inertia (J) : 4.90 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : B

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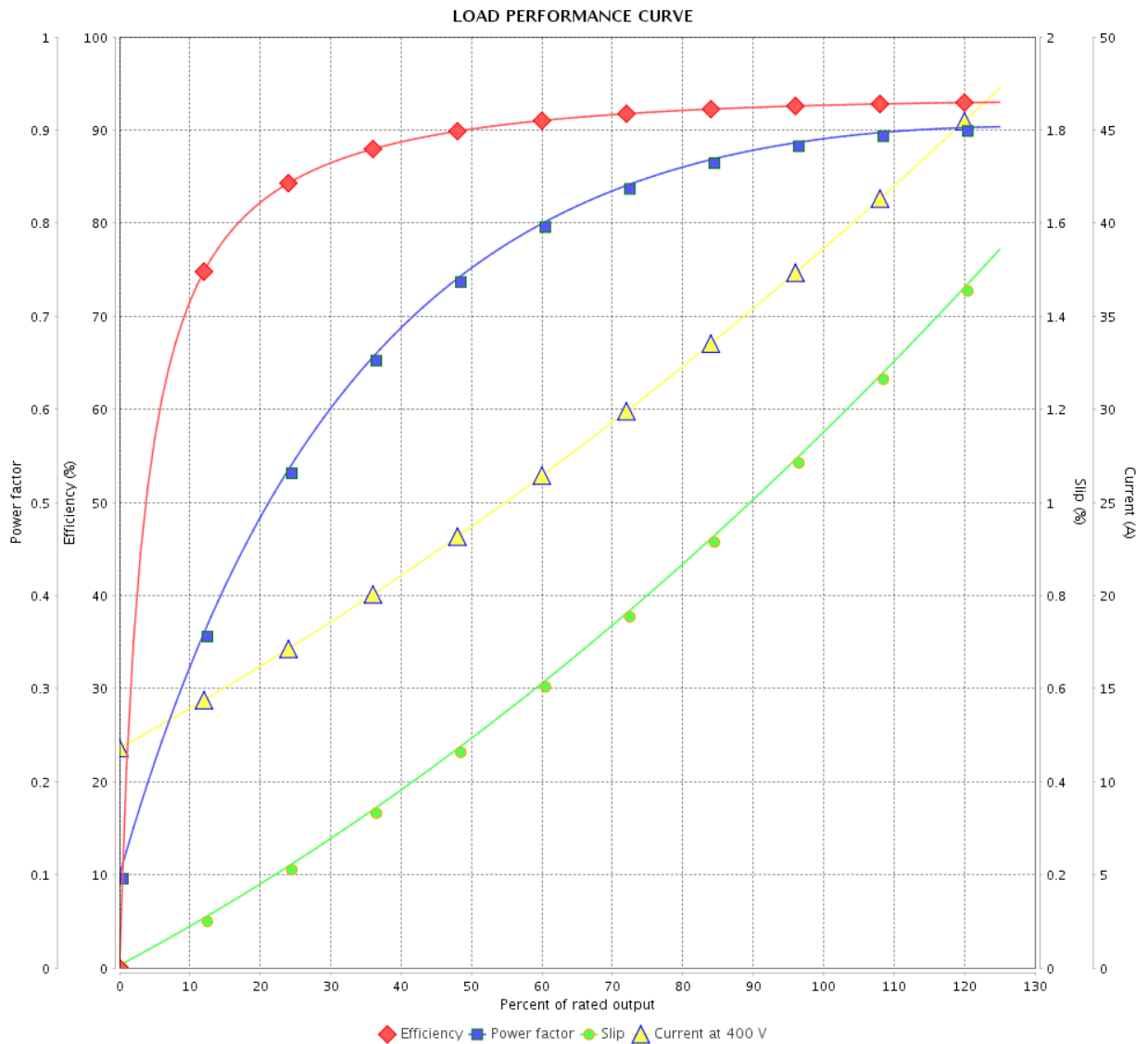


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Product code : 12769961

Catalog # : 04036ET3E324TS-W22G



Performance : 400 V 50 Hz 2P IE3

Rated current : 39.4 A
 LRC : 7.5
 Rated torque : 53.1 ft.lb
 Locked rotor torque : 270 %
 Breakdown torque : 280 %
 Rated speed : 2970 rpm

Moment of inertia (J) : 4.90 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

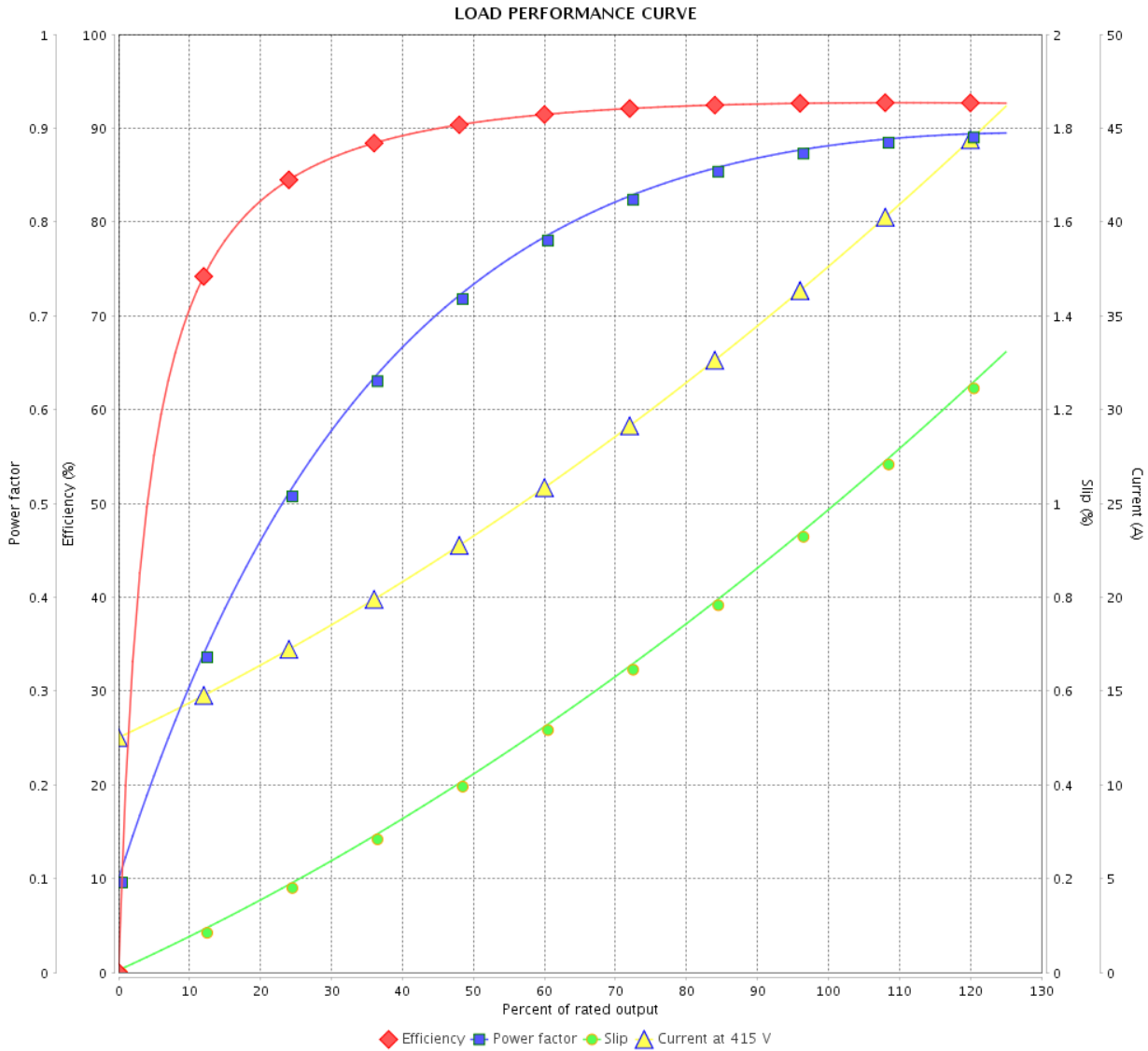


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769961

Catalog # : 04036ET3E324TS-W22G



Performance : 415 V 50 Hz 2P IE3

Rated current : 38.4 A
 LRC : 7.6
 Rated torque : 53.0 ft.lb
 Locked rotor torque : 290 %
 Breakdown torque : 310 %
 Rated speed : 2970 rpm

Moment of inertia (J) : 4.90 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

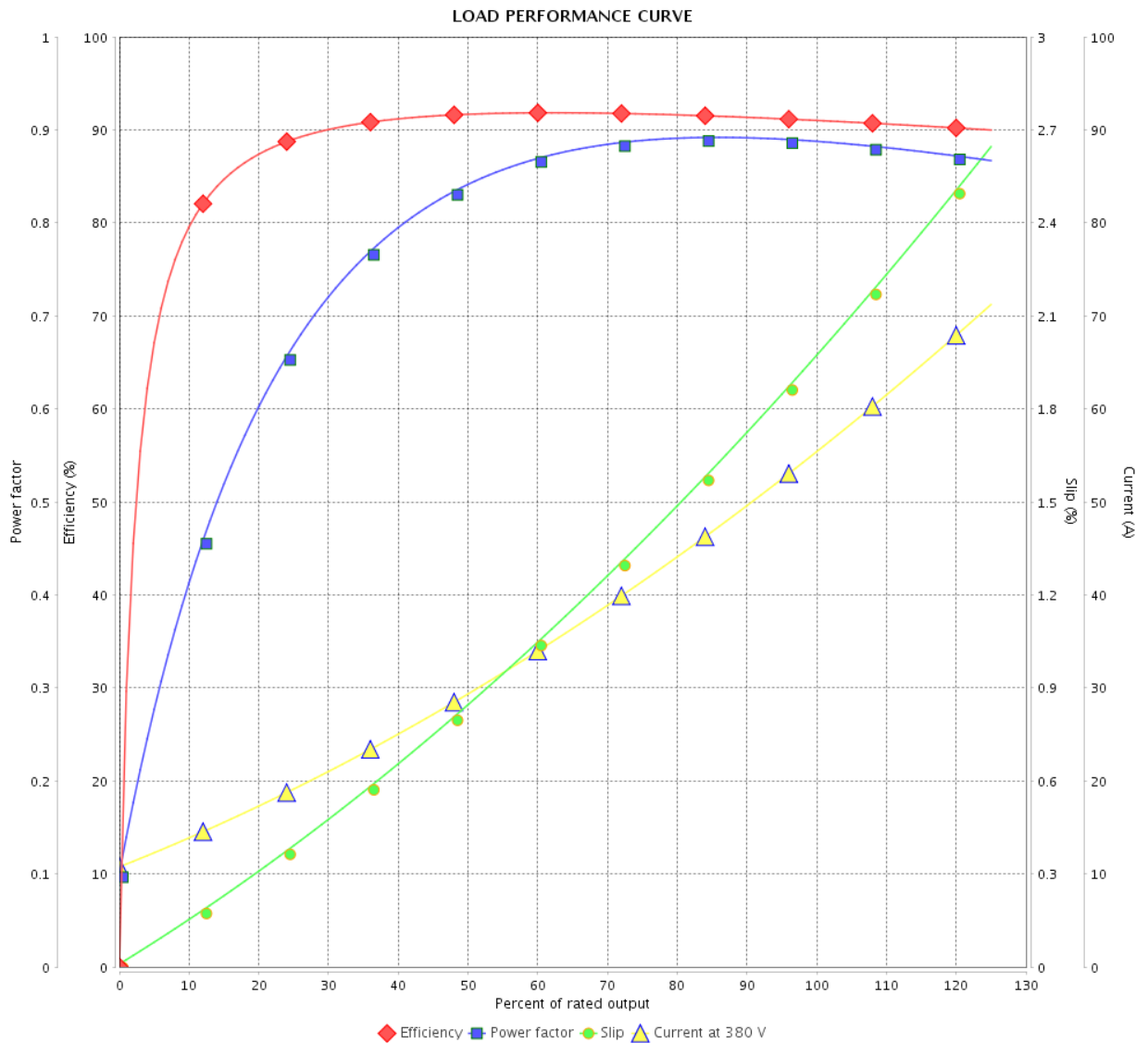


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769961

Catalog # : 04036ET3E324TS-W22G



Performance : 380 V 50 Hz 2P IE1

Rated current : 56.3 A
 LRC : 5.0
 Rated torque : 71.4 ft.lb
 Locked rotor torque : 180 %
 Breakdown torque : 200 %
 Rated speed : 2940 rpm

Moment of inertia (J) : 4.90 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 105 K
 Design : B

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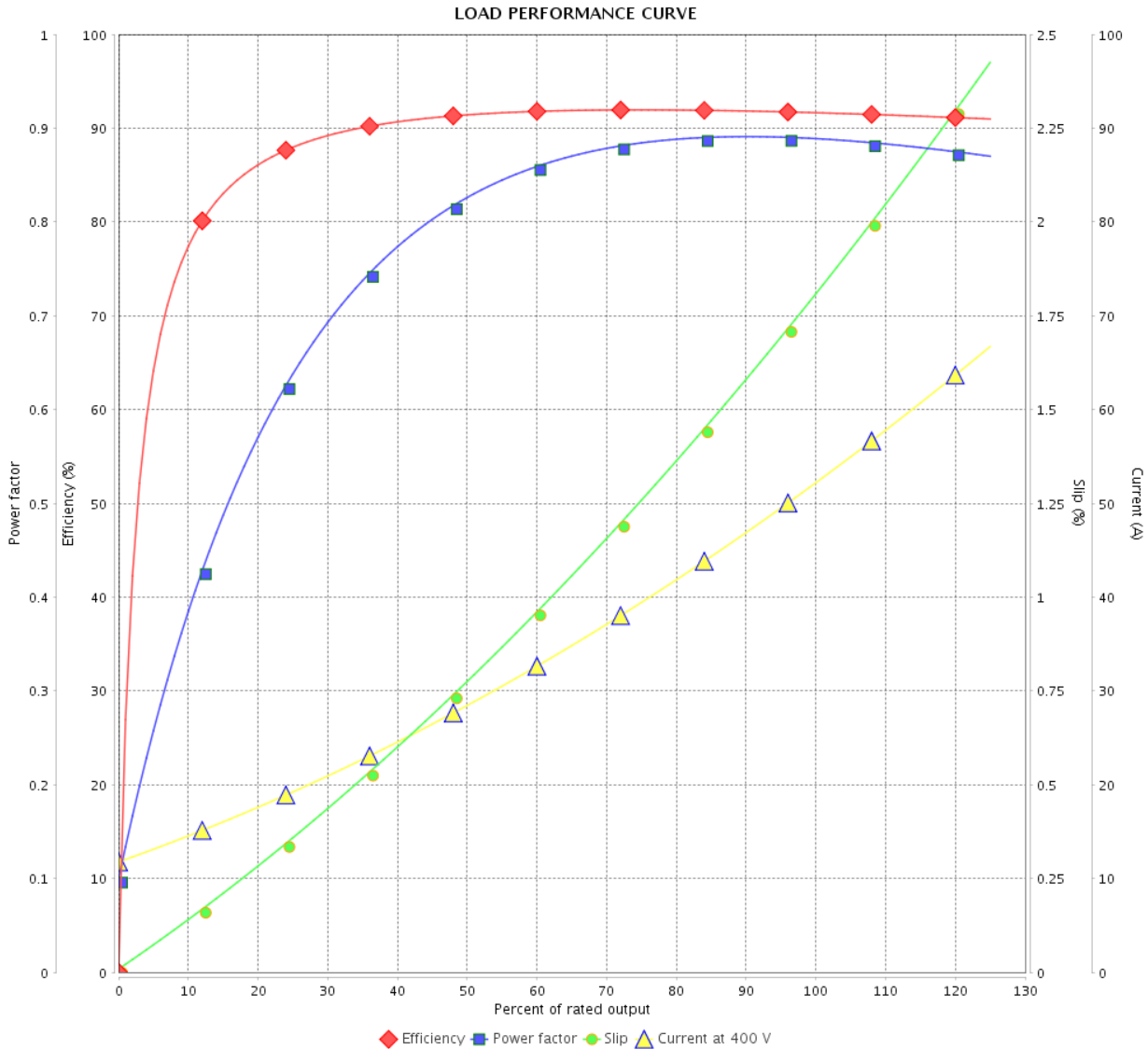


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769961

Catalog # : 04036ET3E324TS-W22G



Performance : 400 V 50 Hz 2P IE1

Rated current : 53.1 A
 LRC : 5.6
 Rated torque : 71.3 ft.lb
 Locked rotor torque : 200 %
 Breakdown torque : 210 %
 Rated speed : 2945 rpm

Moment of inertia (J) : 4.90 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

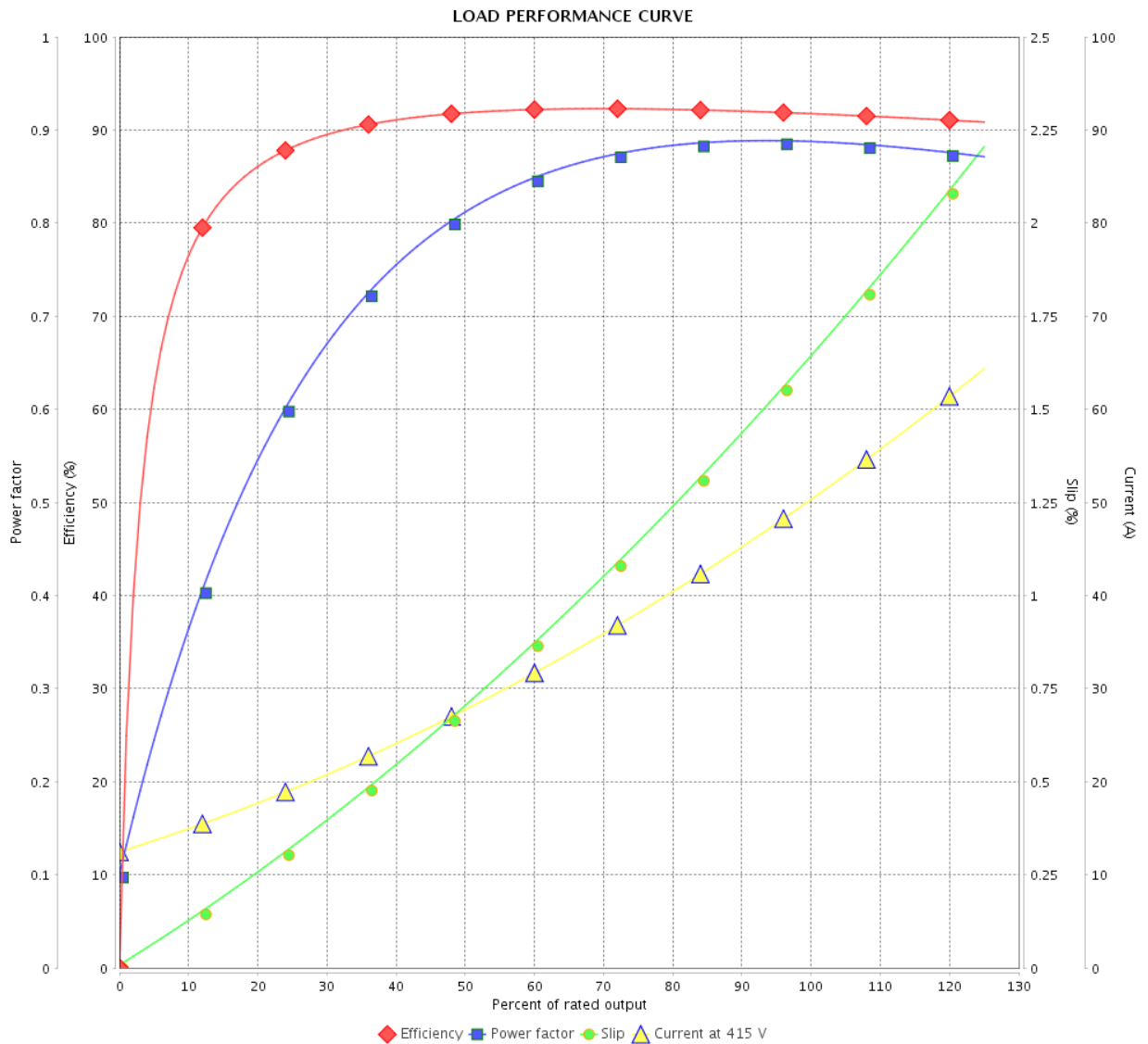


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769961

Catalog # : 04036ET3E324TS-W22G



Performance : 415 V 50 Hz 2P IE1

Rated current : 51.7 A
 LRC : 6.2
 Rated torque : 71.2 ft.lb
 Locked rotor torque : 220 %
 Breakdown torque : 229 %
 Rated speed : 2955 rpm

Moment of inertia (J) : 4.90 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 : 12769961
Catalog # : 04036ET3E324TS-W22G

Performance : 230/460 V 60 Hz 2P

Rated current	: 92.6/46.3 A	Moment of inertia (J)	: 4.90 sq.ft.lb
LRC	: 6.3	Duty cycle	: Cont.(S1)
Rated torque	: 59.1 ft.lb	Insulation class	: F
Locked rotor torque	: 250 %	Service factor	: 1.25
Breakdown torque	: 240 %	Temperature rise	: 80 K
Rated speed	: 3560 rpm	Design	: B

Heating constant

Cooling constant

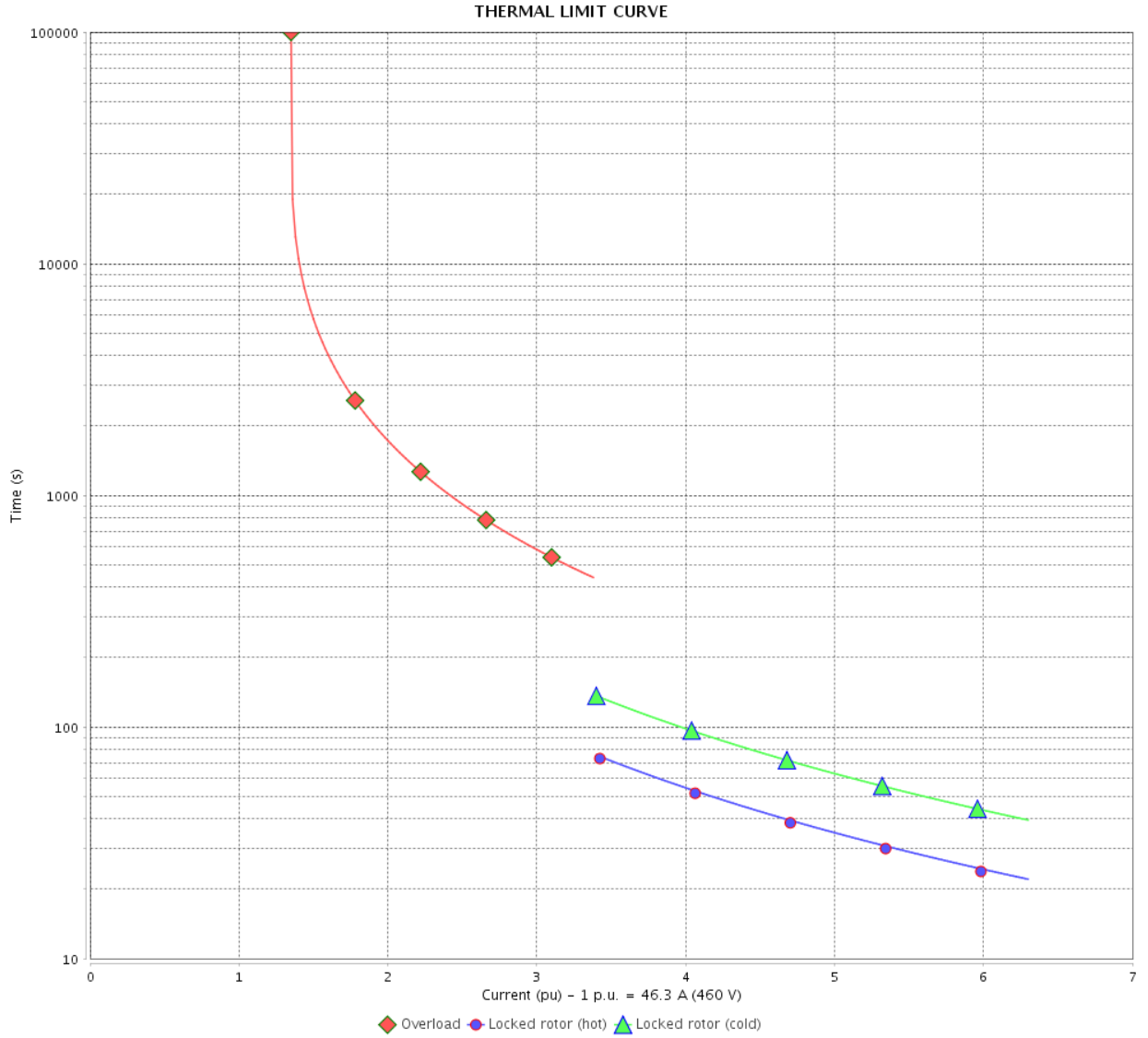
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Three Phase Induction Motor - Squirrel Cage



Customer : _____



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THERMAL LIMIT CURVE



Three Phase Induction Motor - Squirrel Cage

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Product code : 12769961
Catalog # : 04036ET3E324TS-W22G

Performance : 380 V 50 Hz 2P IE3

Rated current	: 41.0 A	Moment of inertia (J)	: 4.90 sq.ft.lb
LRC	: 7.2	Duty cycle	: Cont.(S1)
Rated torque	: 53.2 ft.lb	Insulation class	: F
Locked rotor torque	: 240 %	Service factor	: 1.00
Breakdown torque	: 250 %	Temperature rise	: 80 K
Rated speed	: 2965 rpm	Design	: B

Heating constant

Cooling constant

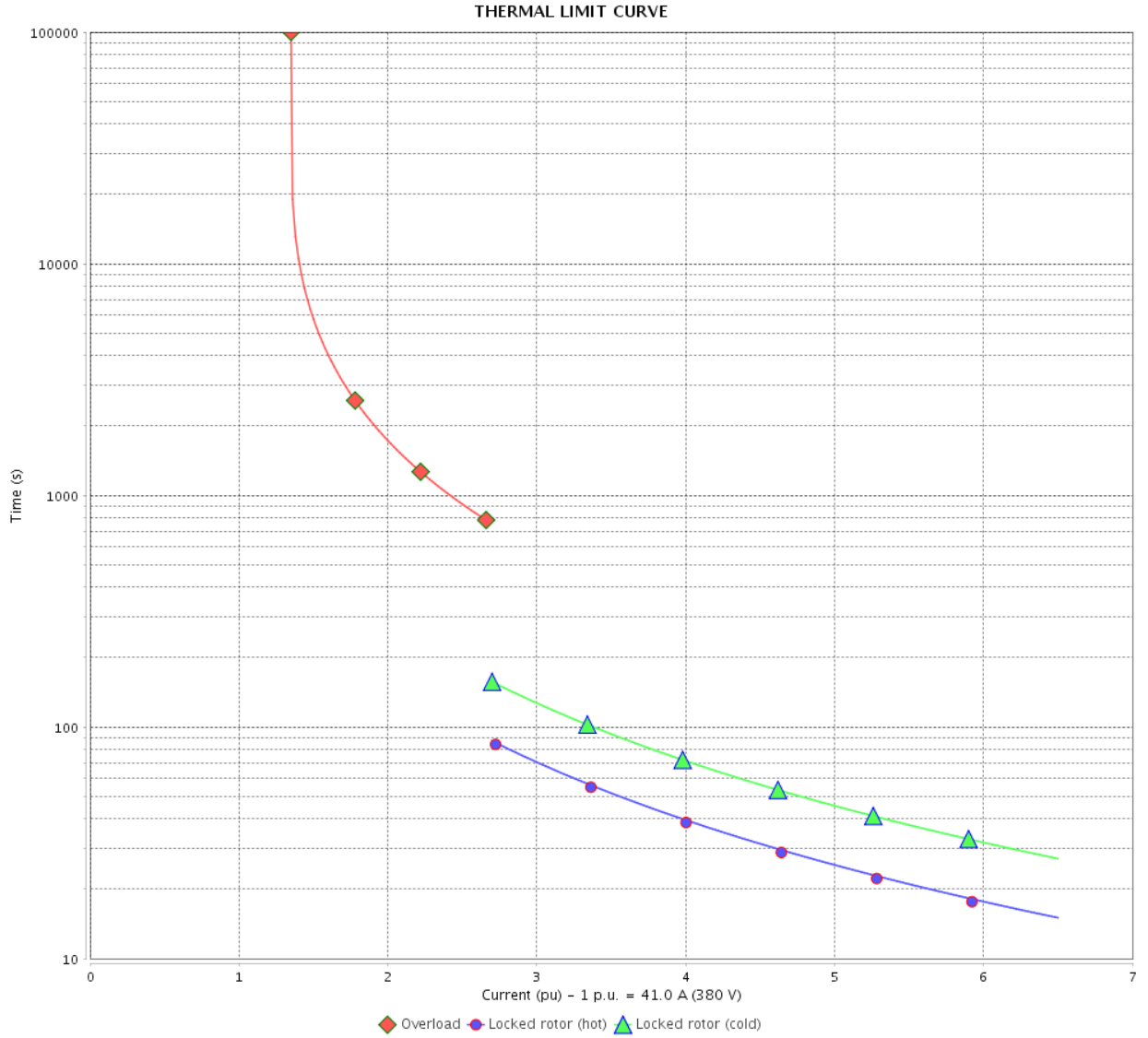
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Three Phase Induction Motor - Squirrel Cage



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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase
Product code : 12769961
Catalog # : 04036ET3E324TS-W22G

Performance : 400 V 50 Hz 2P IE3

Rated current	: 39.4 A	Moment of inertia (J)	: 4.90 sq.ft.lb
LRC	: 7.5	Duty cycle	: Cont.(S1)
Rated torque	: 53.1 ft.lb	Insulation class	: F
Locked rotor torque	: 270 %	Service factor	: 1.00
Breakdown torque	: 280 %	Temperature rise	: 80 K
Rated speed	: 2970 rpm	Design	: B

Heating constant

Cooling constant

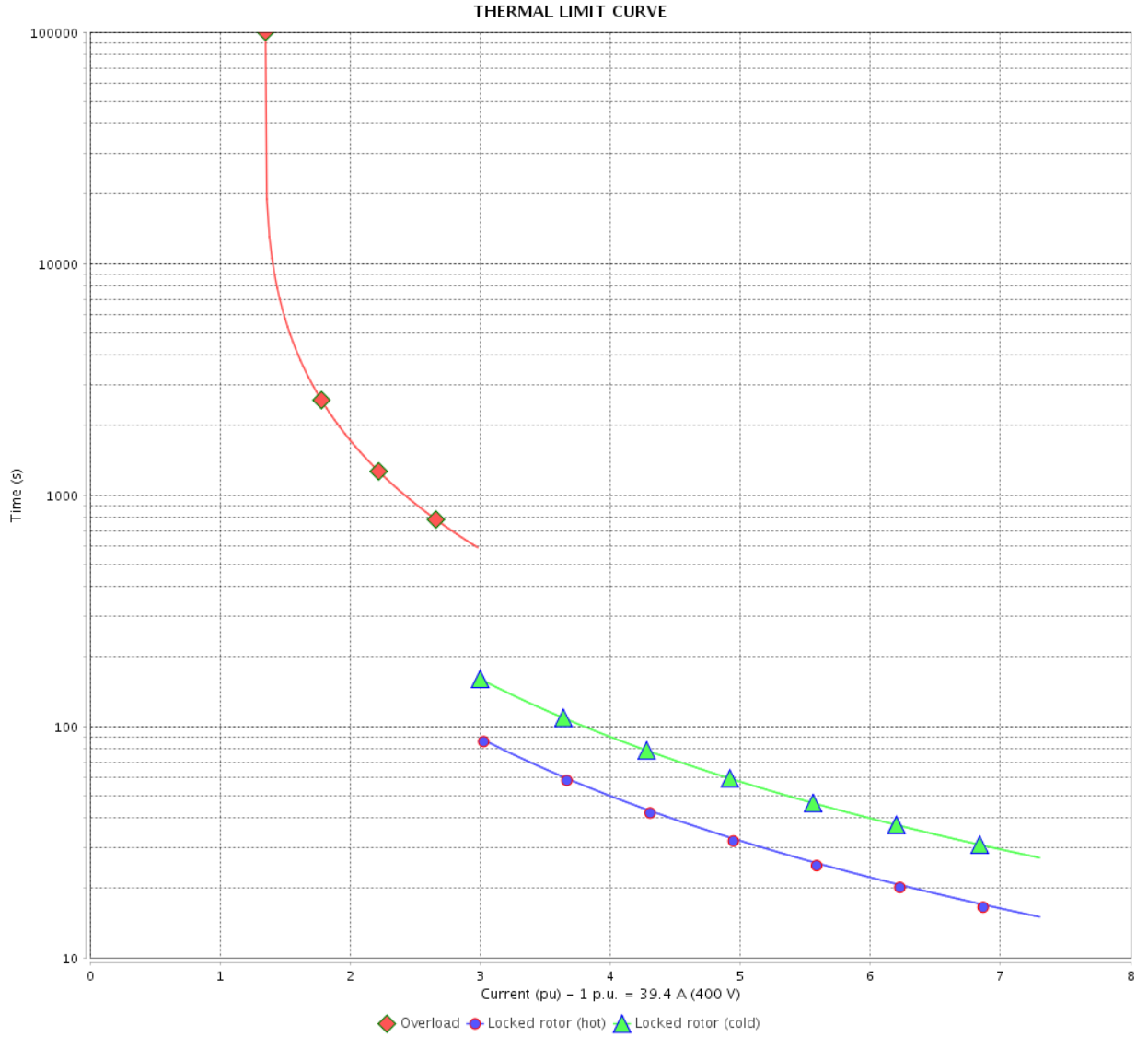
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Performance : 415 V 50 Hz 2P IE3

Rated current	: 38.4 A	Moment of inertia (J)	: 4.90 sq.ft.lb
LRC	: 7.6	Duty cycle	: Cont.(S1)
Rated torque	: 53.0 ft.lb	Insulation class	: F
Locked rotor torque	: 290 %	Service factor	: 1.00
Breakdown torque	: 310 %	Temperature rise	: 80 K
Rated speed	: 2970 rpm	Design	: B

Heating constant

Cooling constant

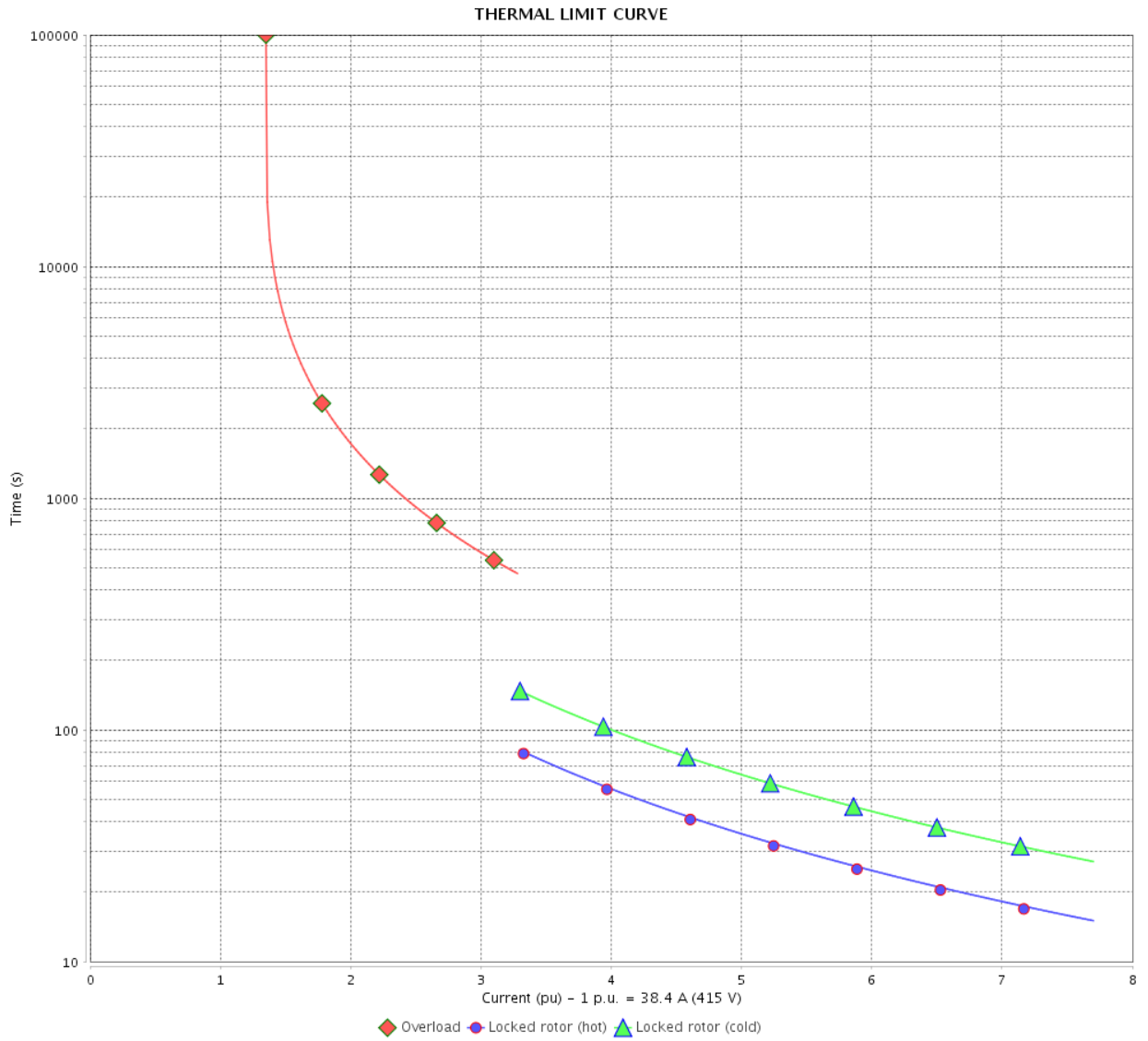
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Performance : 380 V 50 Hz 2P IE1

Rated current	: 56.3 A	Moment of inertia (J)	: 4.90 sq.ft.lb
LRC	: 5.0	Duty cycle	: Cont.(S1)
Rated torque	: 71.4 ft.lb	Insulation class	: F
Locked rotor torque	: 180 %	Service factor	: 1.00
Breakdown torque	: 200 %	Temperature rise	: 105 K
Rated speed	: 2940 rpm	Design	: B

Heating constant

Cooling constant

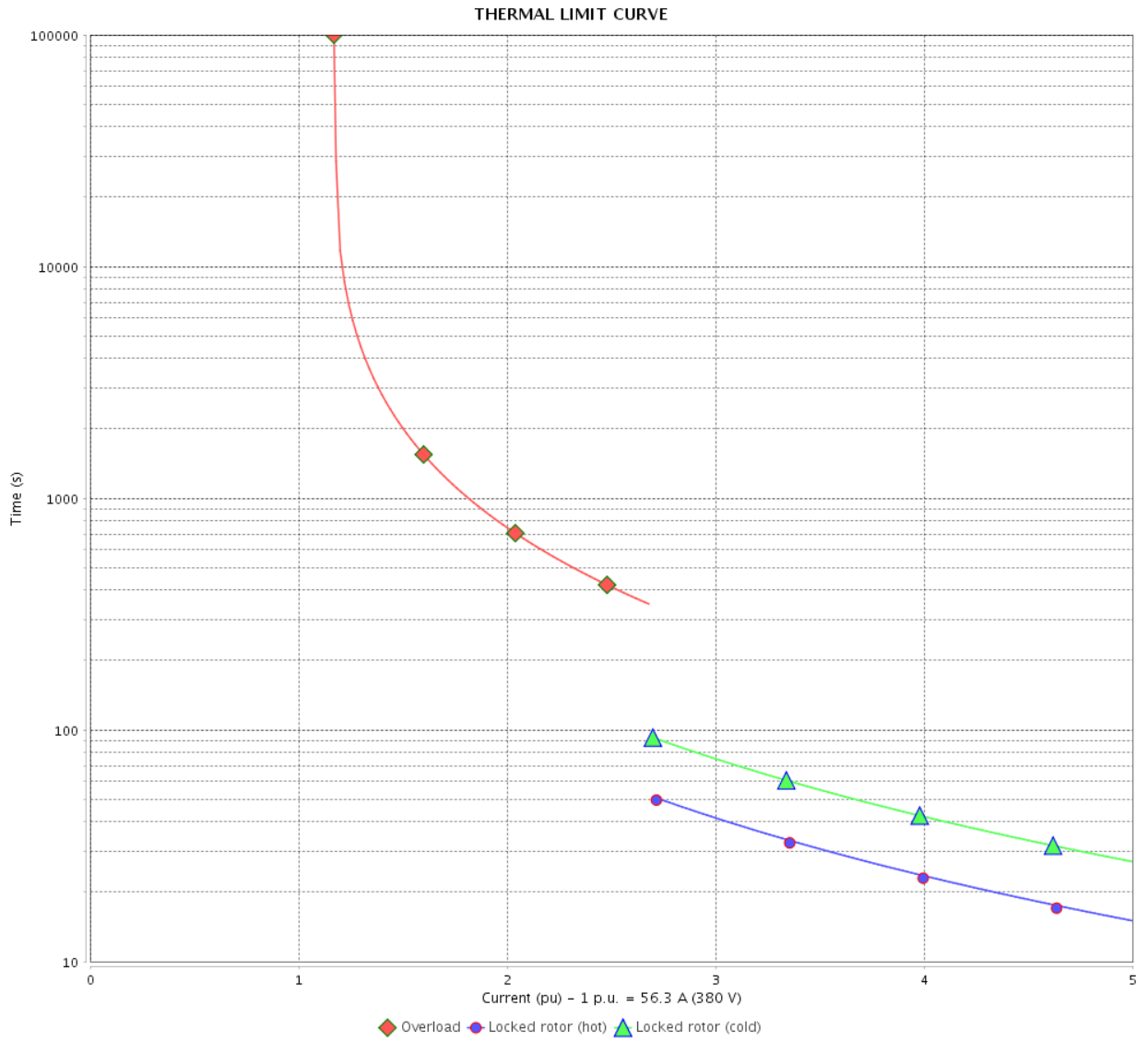
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Catalog # : 04036ET3E324TS-W22G

Performance : 400 V 50 Hz 2P IE1

Rated current	: 53.1 A	Moment of inertia (J)	: 4.90 sq.ft.lb
LRC	: 5.6	Duty cycle	: Cont.(S1)
Rated torque	: 71.3 ft.lb	Insulation class	: F
Locked rotor torque	: 200 %	Service factor	: 1.00
Breakdown torque	: 210 %	Temperature rise	: 105 K
Rated speed	: 2945 rpm	Design	: B

Heating constant

Cooling constant

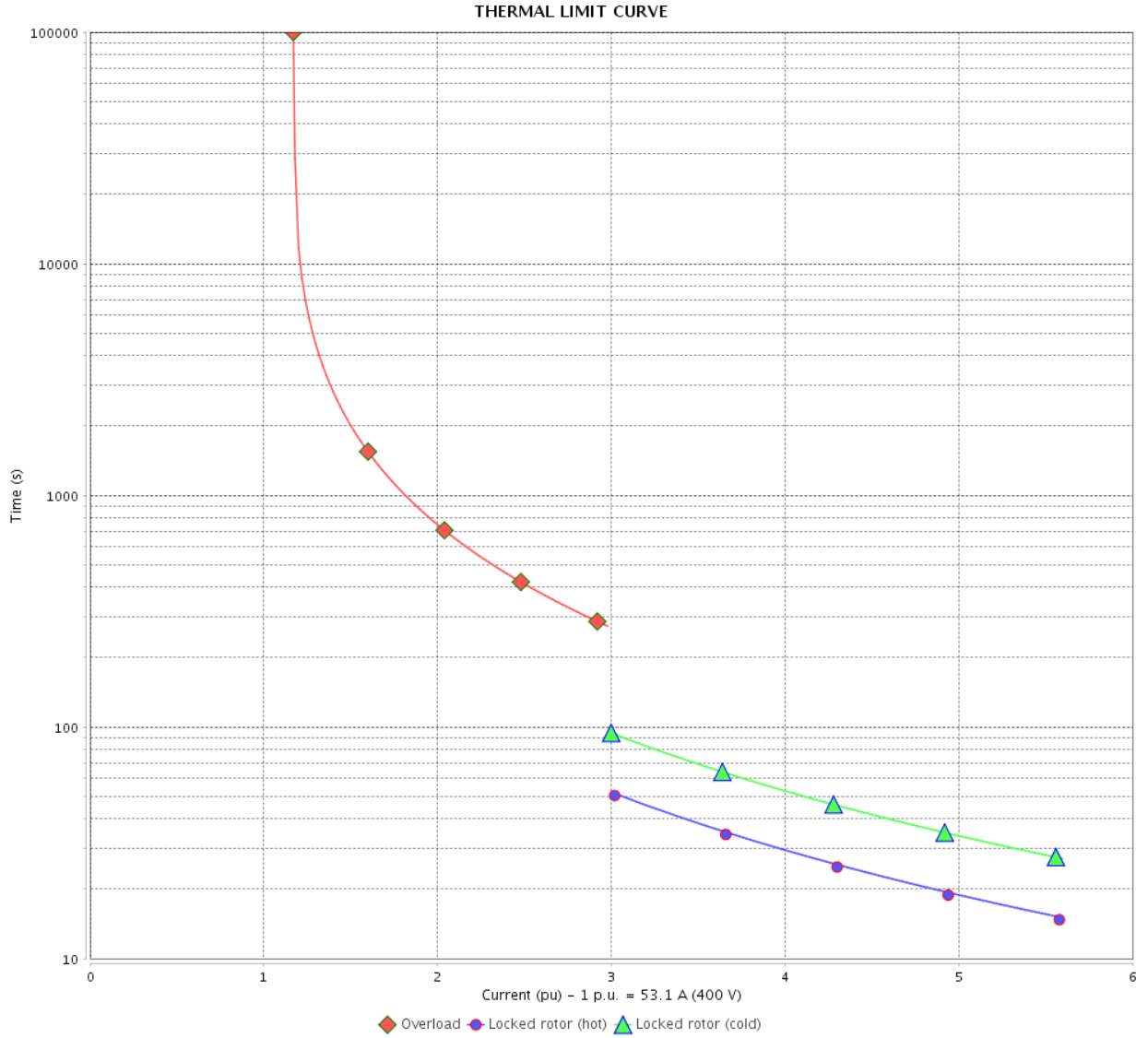
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
Date	13/04/2022		26 / 36	

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____



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 : 12769961
Catalog # : 04036ET3E324TS-W22G

Performance : 415 V 50 Hz 2P IE1

Rated current	: 51.7 A	Moment of inertia (J)	: 4.90 sq.ft.lb
LRC	: 6.2	Duty cycle	: Cont.(S1)
Rated torque	: 71.2 ft.lb	Insulation class	: F
Locked rotor torque	: 220 %	Service factor	: 1.00
Breakdown torque	: 229 %	Temperature rise	: 105 K
Rated speed	: 2955 rpm	Design	: B

Heating constant

Cooling constant

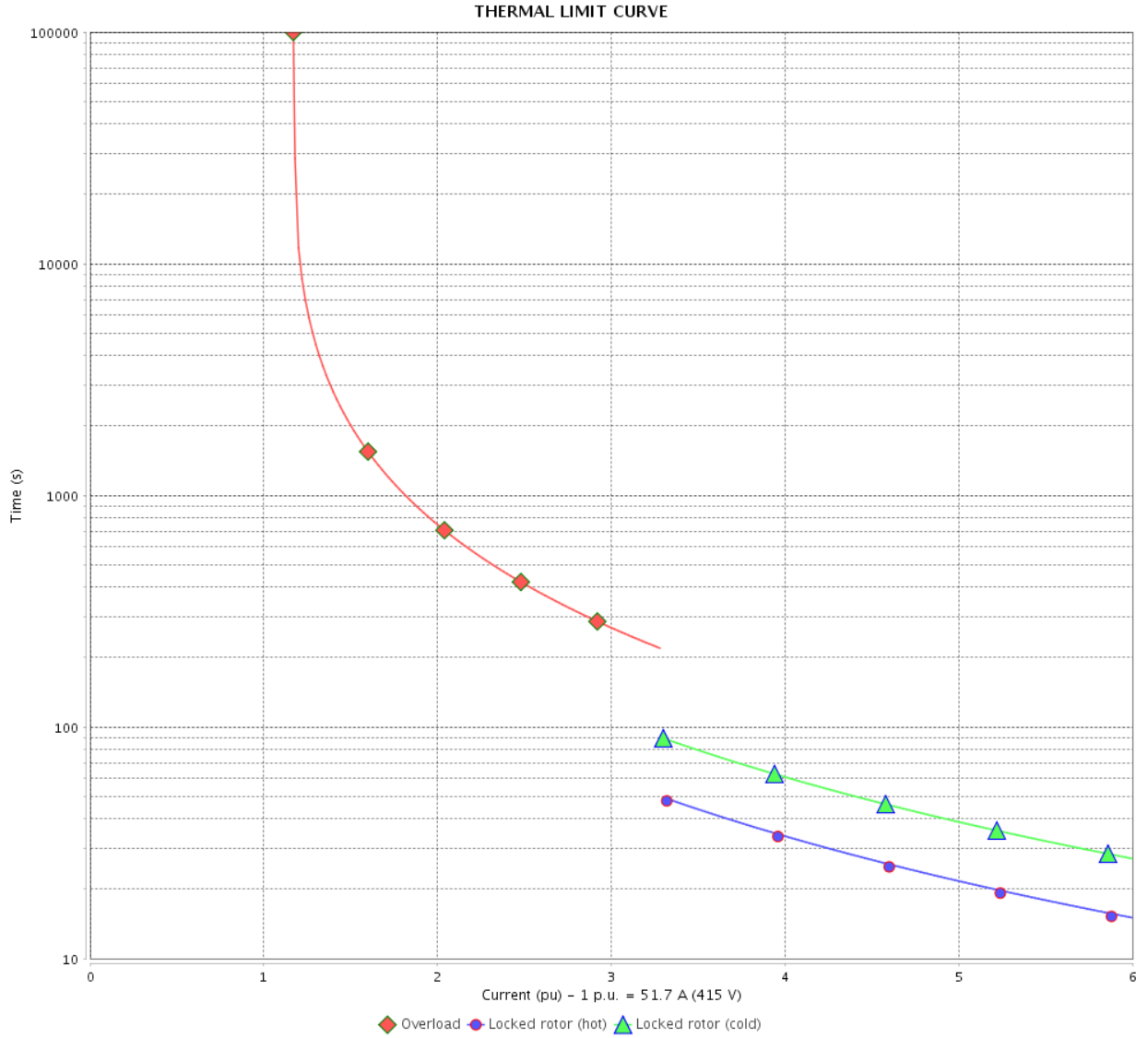
Rev.	Changes Summary	Performed	Checked	Date
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Checked by			Page	Revision
Date	13/04/2022		28 / 36	

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____



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Checked by				
Date				

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



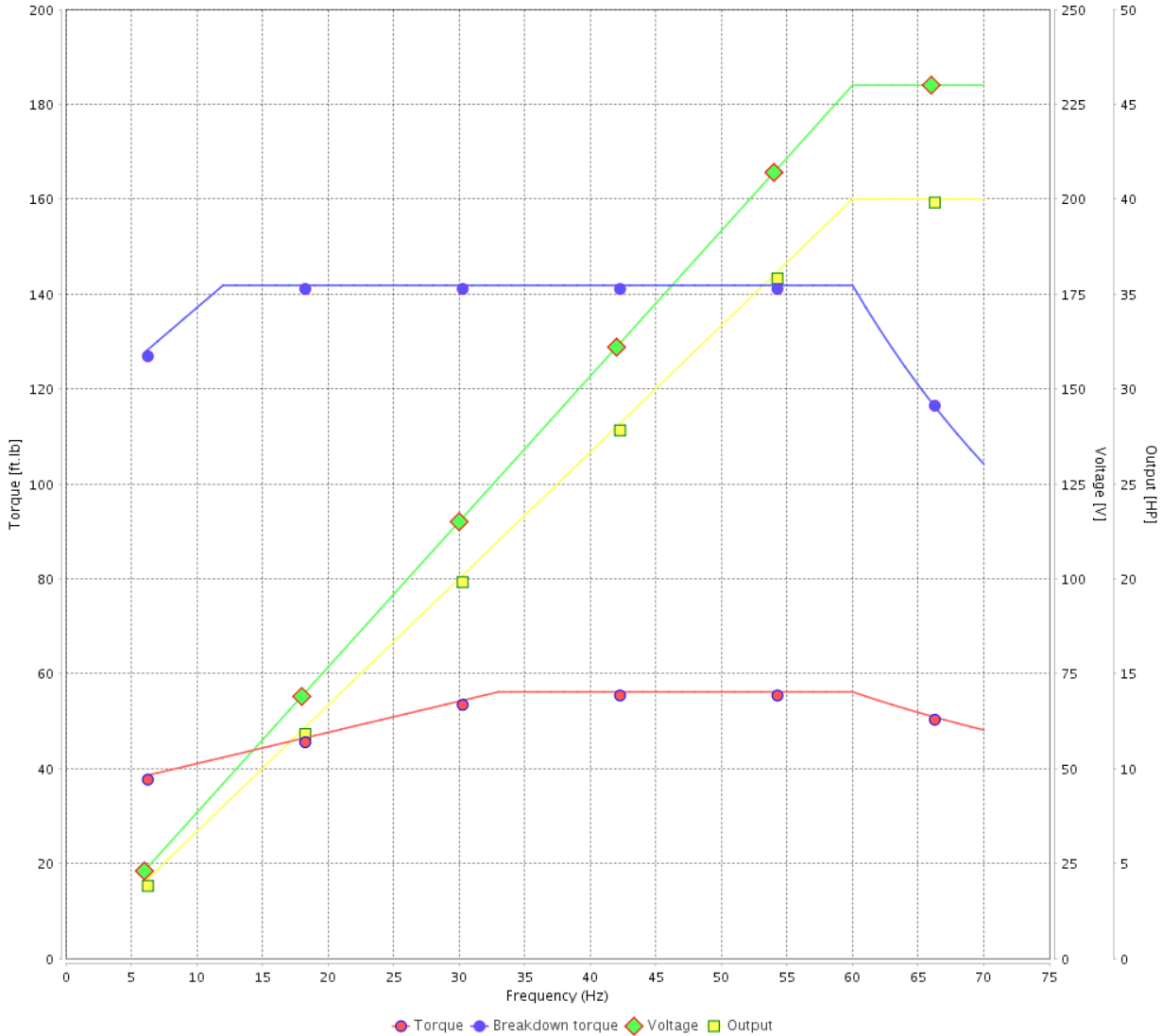
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769961

Catalog # : 04036ET3E324TS-W22G

VFD OPERATION CURVE



Performance : 230/460 V 60 Hz 2P

Rated current : 92.6/46.3 A
 LRC : 6.3
 Rated torque : 59.1 ft.lb
 Locked rotor torque : 250 %
 Breakdown torque : 240 %
 Rated speed : 3560 rpm

Moment of inertia (J) : 4.90 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				

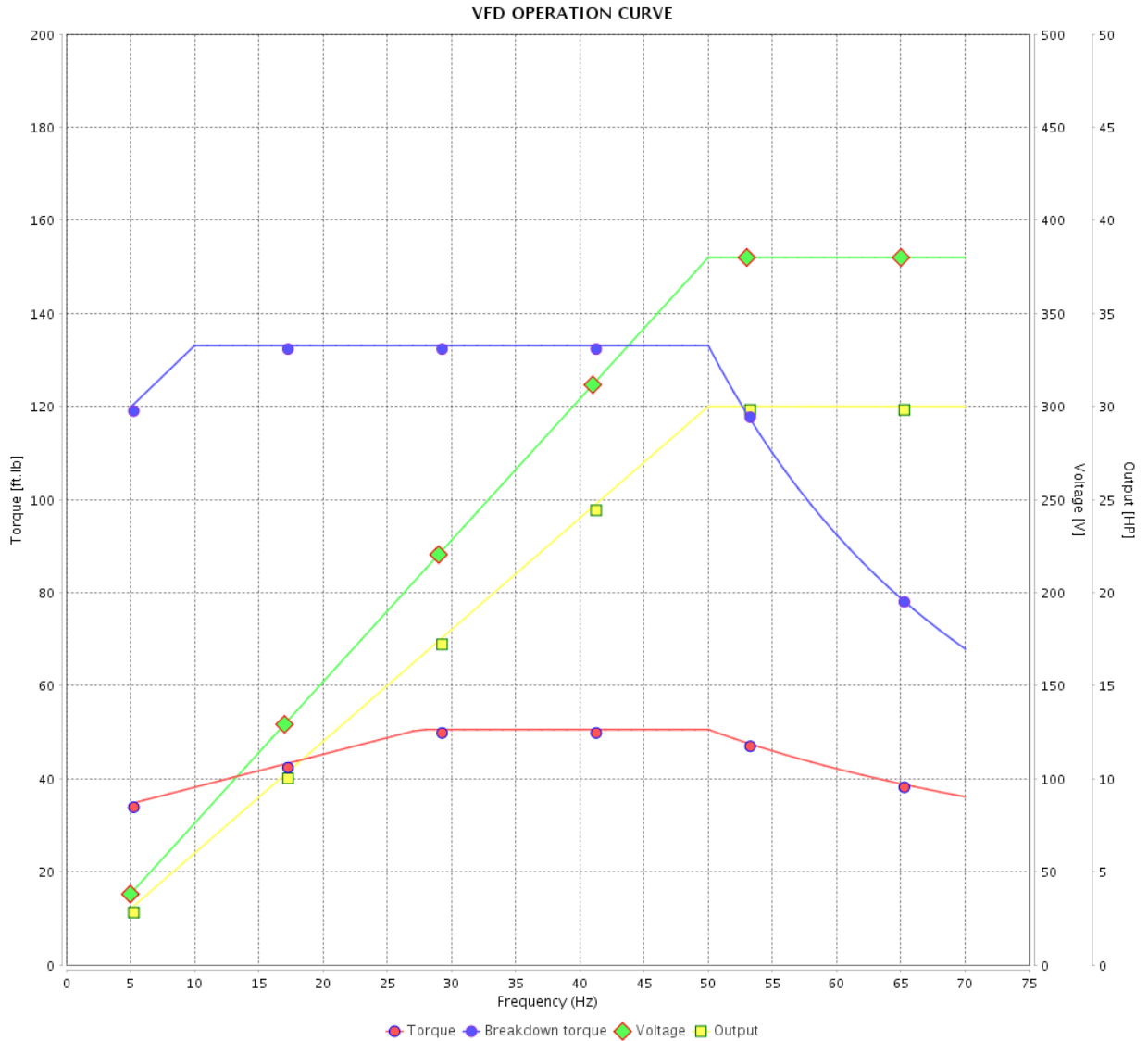
VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase
 Product code : 12769961
 Catalog # : 04036ET3E324TS-W22G



Performance : 380 V 50 Hz 2P IE3

Rated current	: 41.0 A	Moment of inertia (J)	: 4.90 sq.ft.lb
LRC	: 7.2	Duty cycle	: Cont.(S1)
Rated torque	: 53.2 ft.lb	Insulation class	: F
Locked rotor torque	: 240 %	Service factor	: 1.00
Breakdown torque	: 250 %	Temperature rise	: 80 K
Rated speed	: 2965 rpm	Design	: B

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Date	13/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



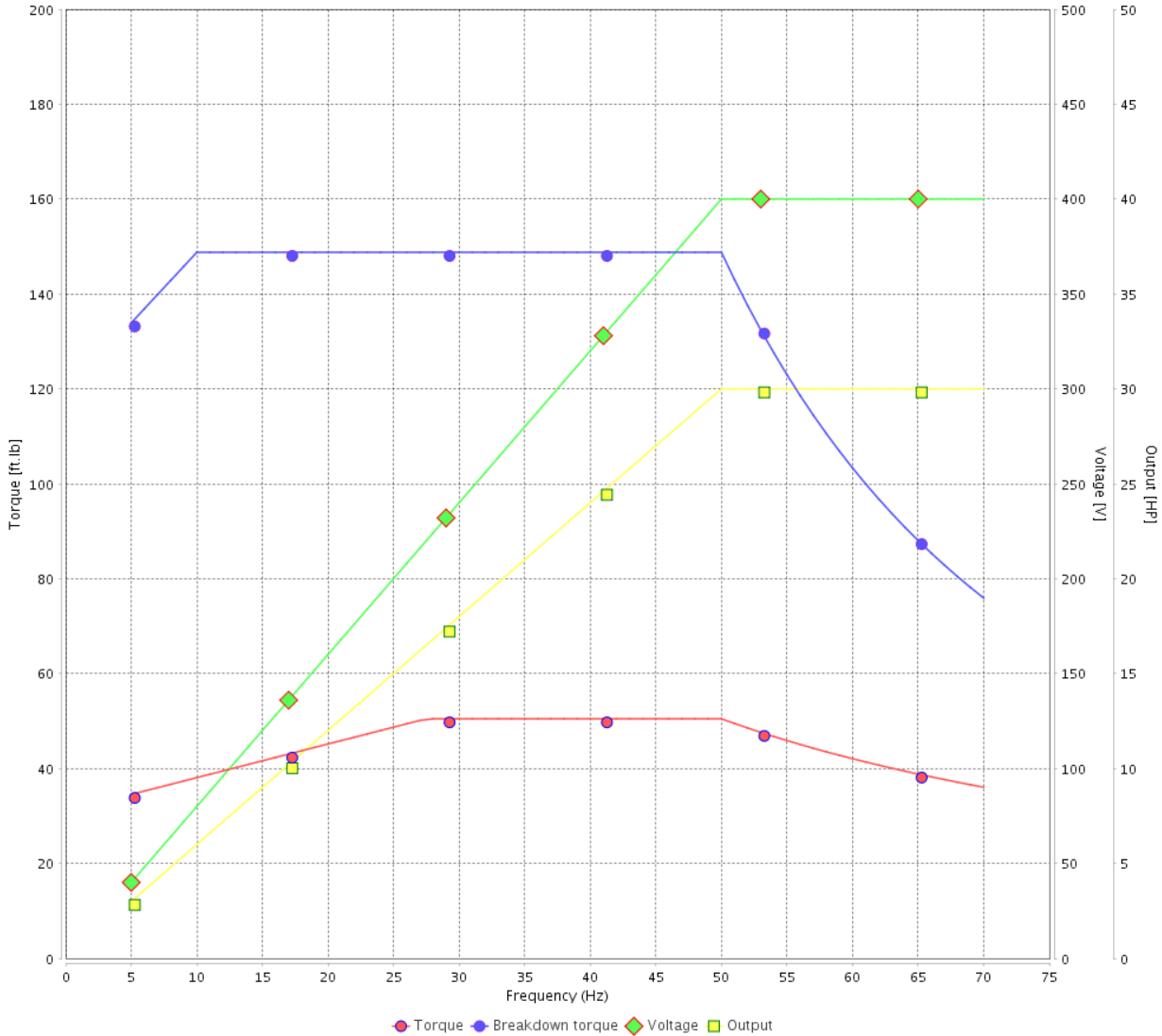
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769961

Catalog # : 04036ET3E324TS-W22G

VFD OPERATION CURVE



Performance : 400 V 50 Hz 2P IE3

Rated current : 39.4 A
 LRC : 7.5
 Rated torque : 53.1 ft.lb
 Locked rotor torque : 270 %
 Breakdown torque : 280 %
 Rated speed : 2970 rpm

Moment of inertia (J) : 4.90 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : B

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Performed by			Page 32 / 36	Revision
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Date	13/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

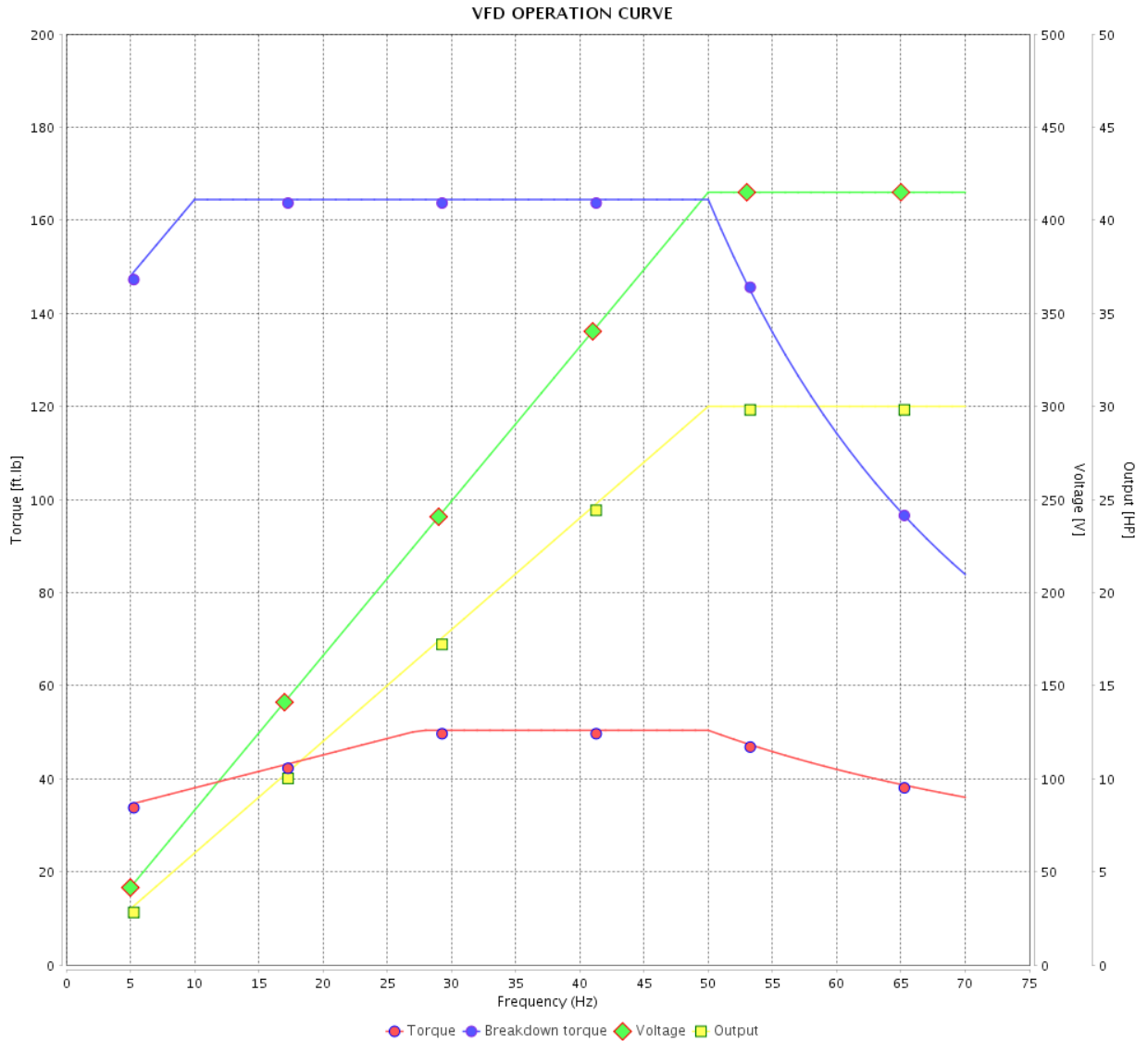


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769961

Catalog # : 04036ET3E324TS-W22G



Performance : 415 V 50 Hz 2P IE3

Rated current : 38.4 A
 LRC : 7.6
 Rated torque : 53.0 ft.lb
 Locked rotor torque : 290 %
 Breakdown torque : 310 %
 Rated speed : 2970 rpm

Moment of inertia (J) : 4.90 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : B

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VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



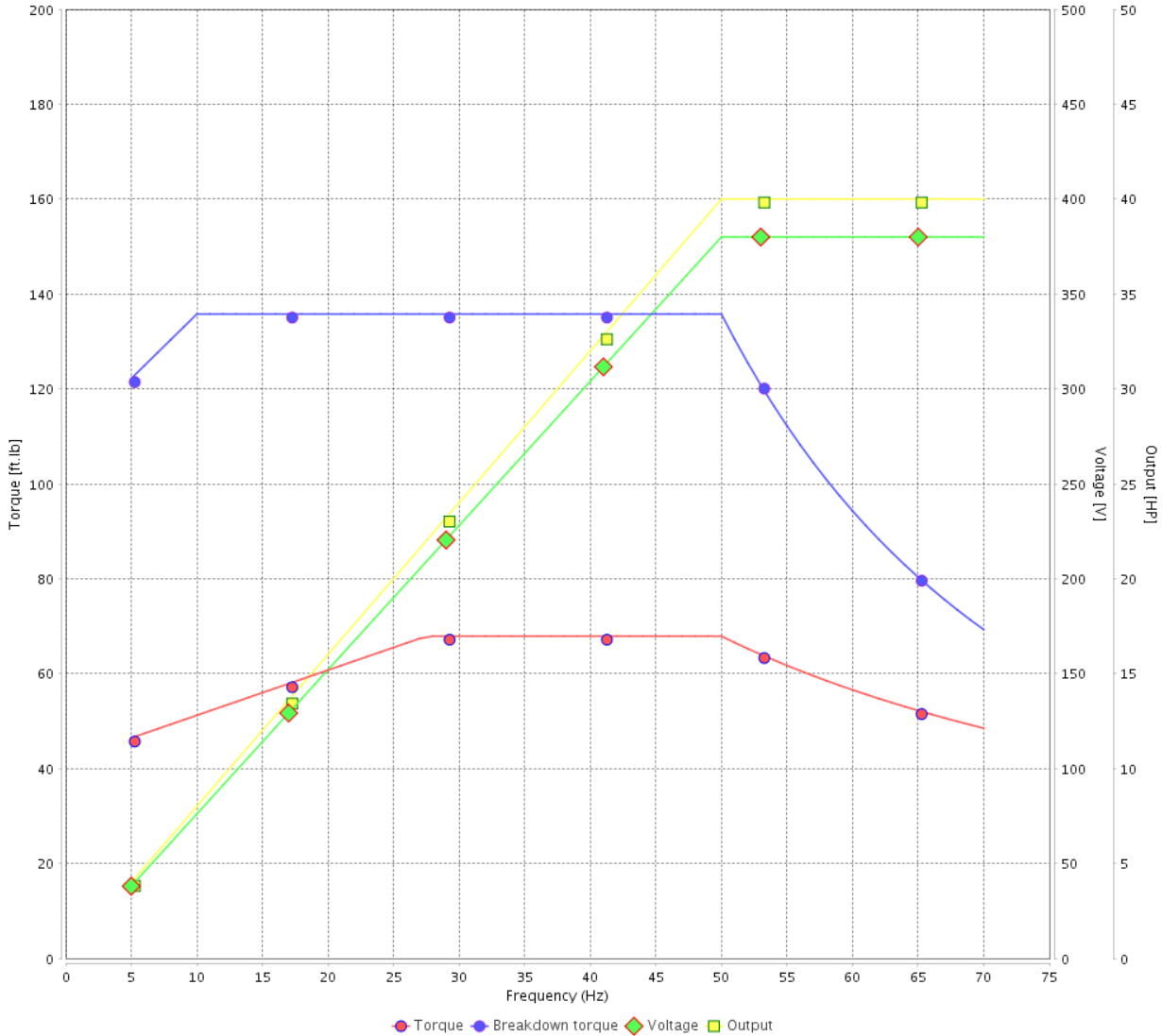
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769961

Catalog # : 04036ET3E324TS-W22G

VFD OPERATION CURVE



Performance : 380 V 50 Hz 2P IE1

Rated current	: 56.3 A	Moment of inertia (J)	: 4.90 sq.ft.lb
LRC	: 5.0	Duty cycle	: Cont.(S1)
Rated torque	: 71.4 ft.lb	Insulation class	: F
Locked rotor torque	: 180 %	Service factor	: 1.00
Breakdown torque	: 200 %	Temperature rise	: 105 K
Rated speed	: 2940 rpm	Design	: B

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Performed by		Page		Revision
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VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

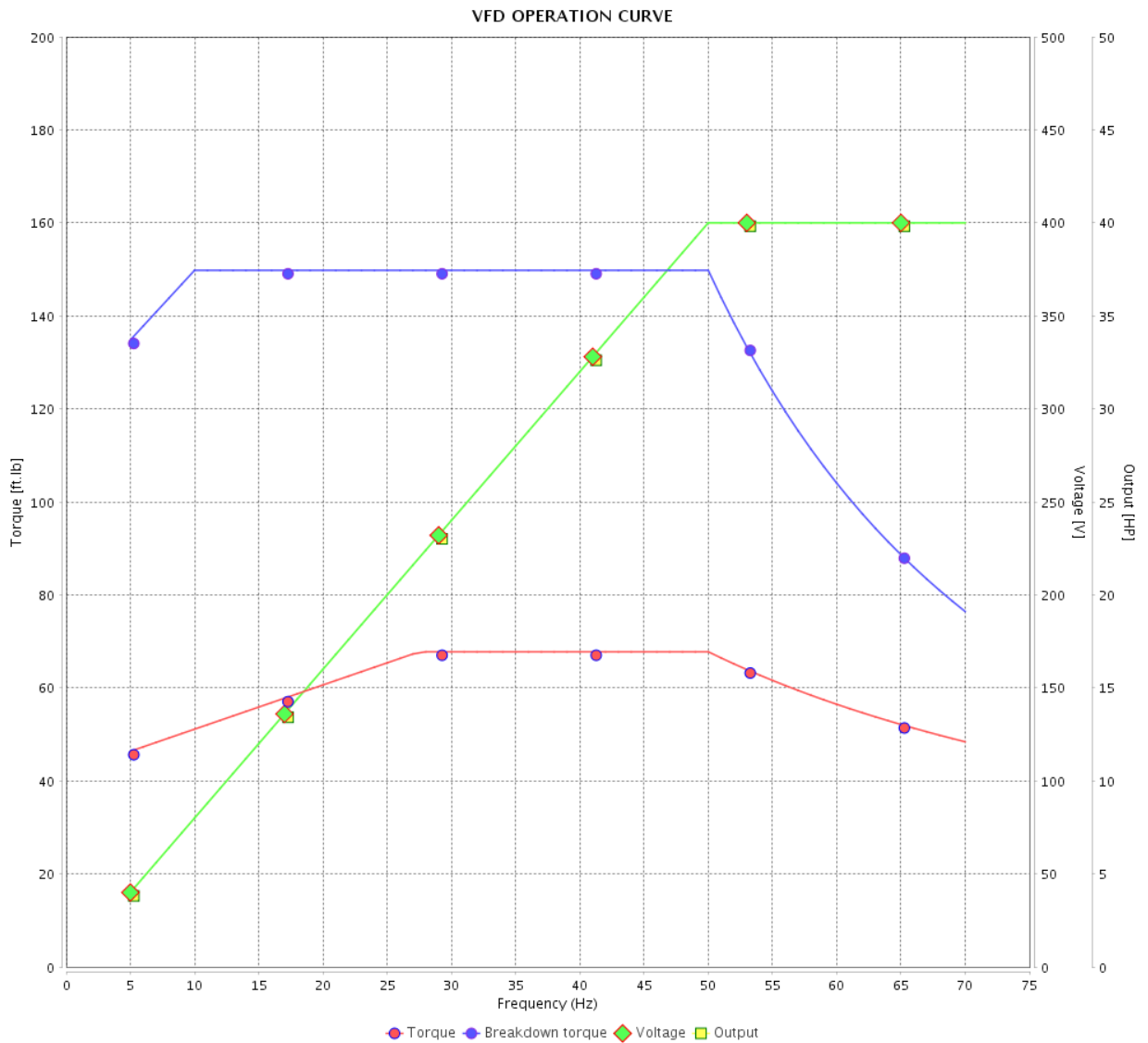


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769961

Catalog # : 04036ET3E324TS-W22G



Performance : 400 V 50 Hz 2P IE1

Rated current : 53.1 A
 LRC : 5.6
 Rated torque : 71.3 ft.lb
 Locked rotor torque : 200 %
 Breakdown torque : 210 %
 Rated speed : 2945 rpm

Moment of inertia (J) : 4.90 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 105 K
 Design : B

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

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



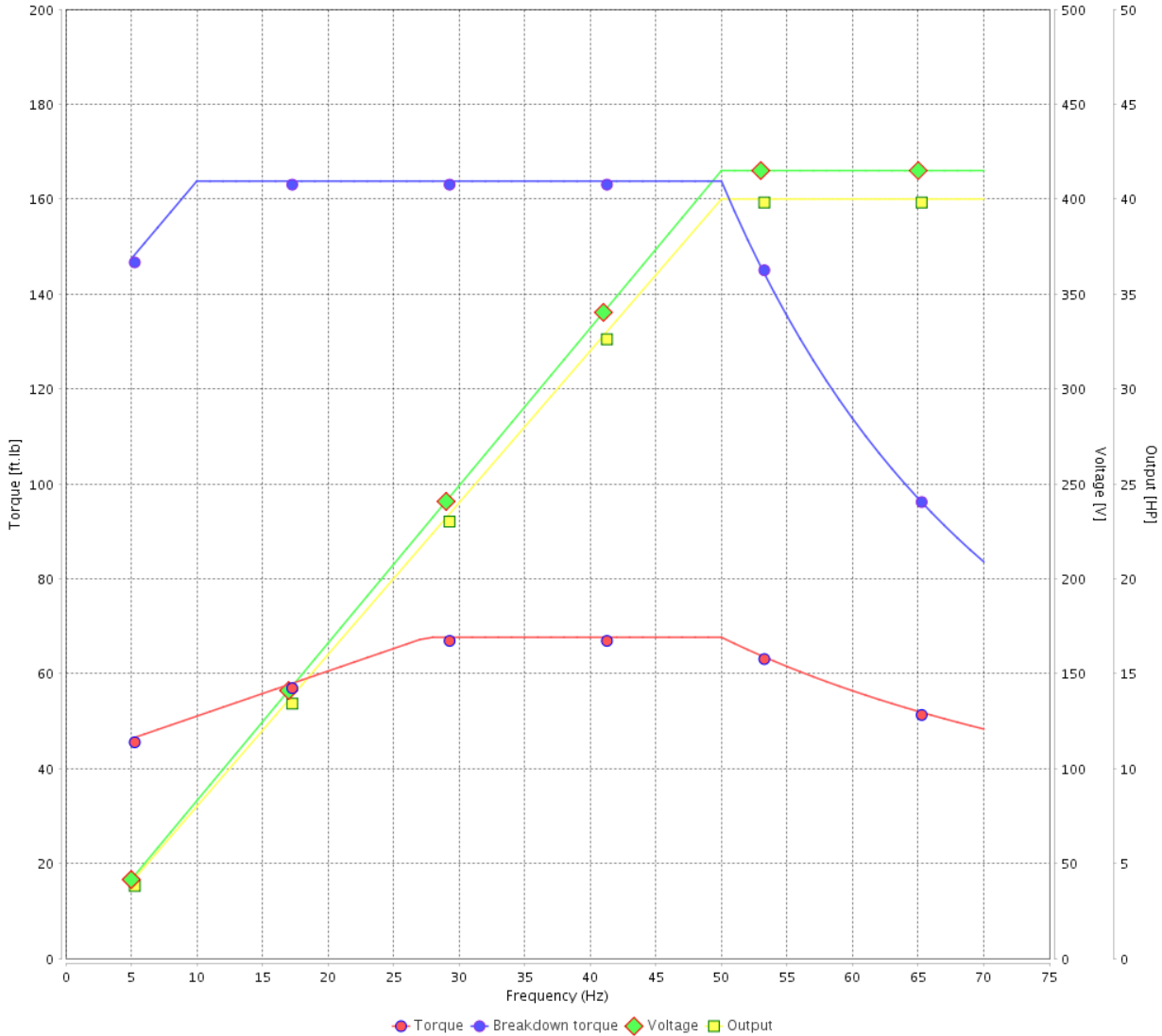
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769961

Catalog # : 04036ET3E324TS-W22G

VFD OPERATION CURVE



Performance : 415 V 50 Hz 2P IE1

Rated current	: 51.7 A	Moment of inertia (J)	: 4.90 sq.ft.lb
LRC	: 6.2	Duty cycle	: Cont.(S1)
Rated torque	: 71.2 ft.lb	Insulation class	: F
Locked rotor torque	: 220 %	Service factor	: 1.00
Breakdown torque	: 229 %	Temperature rise	: 105 K
Rated speed	: 2955 rpm	Design	: B

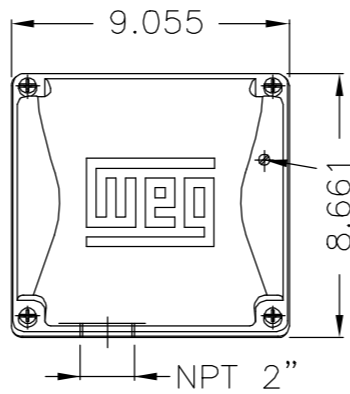
Rev.	Changes Summary	Performed	Checked	Date
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Date	13/04/2022			

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

Dimensões em polegadas
Dimensions in inches

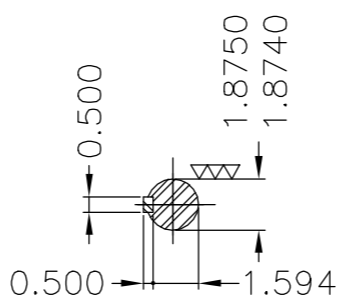
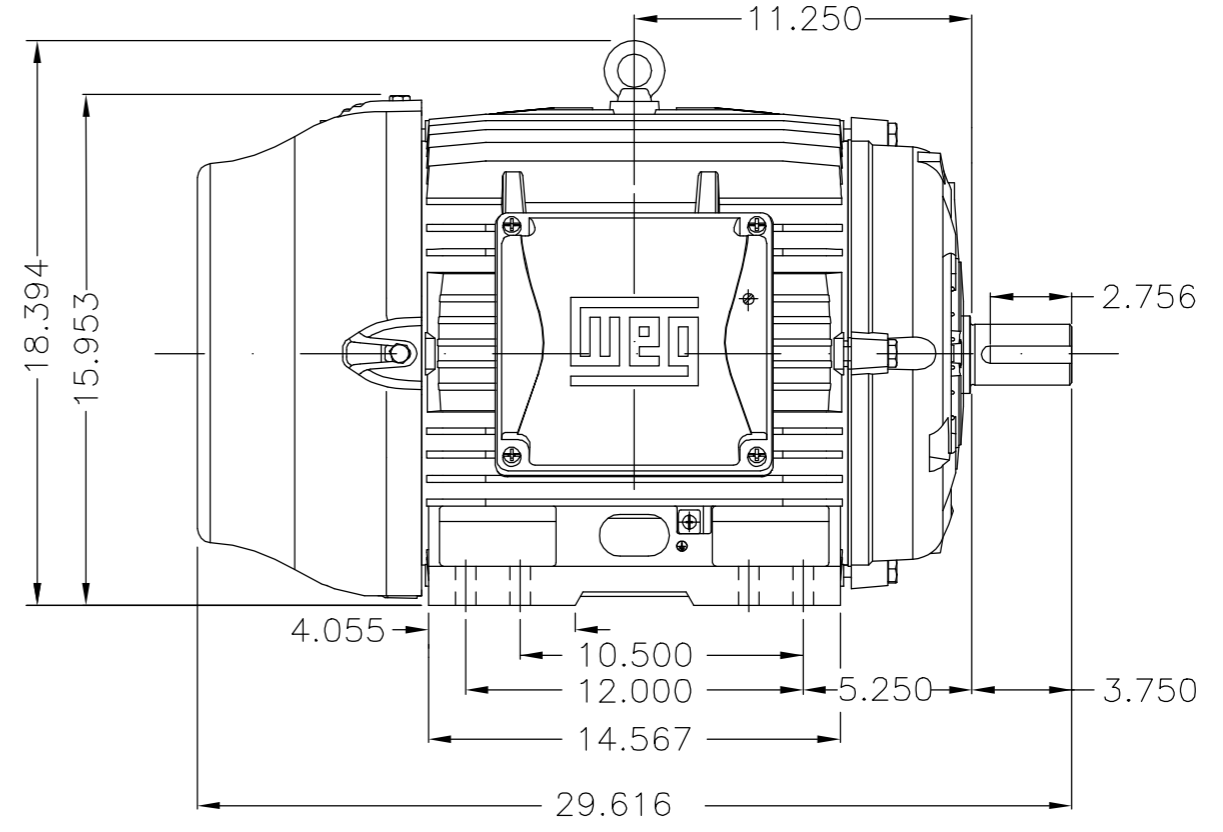
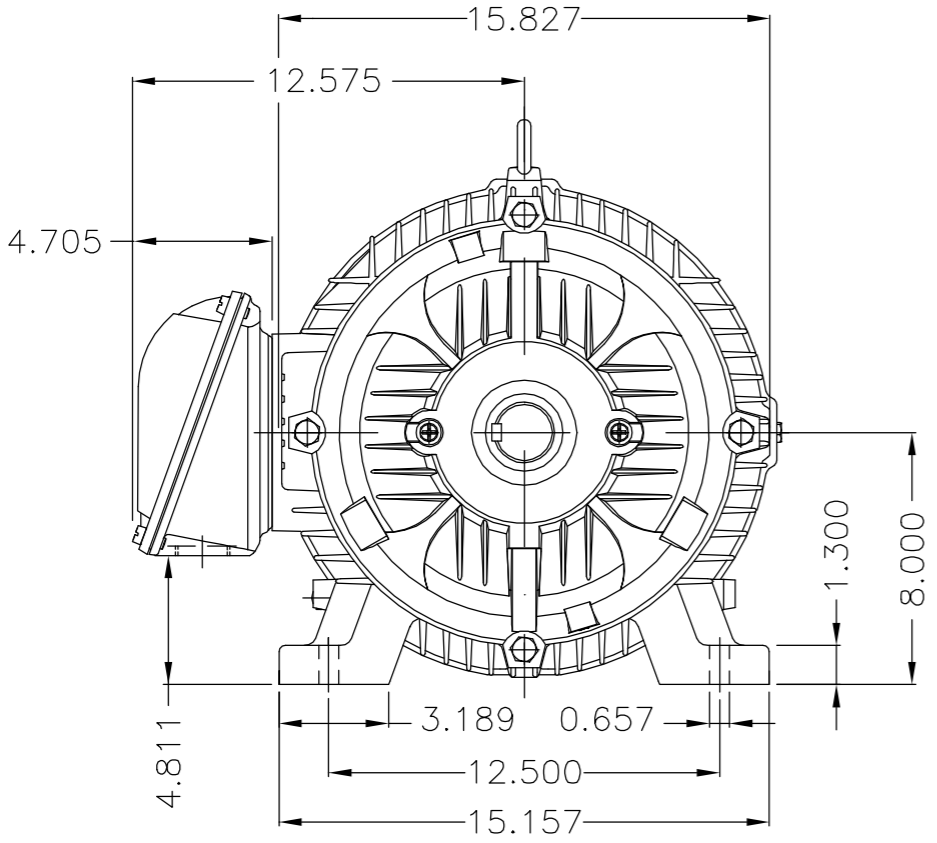
CERTIFIED WEG MOTORES
Certified document.
Not subject to changes.

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



Main terminal box

Grounding for leads 5.2-35mm²



DE Shaft End

- Anel interno especial de fixação do rolamento dianteiro / Special internal fastening bearing cap of DE bearing
- Kit porta escova de aterramento AEGIS SGR-70.4-3MFH / Brush holder kit AEGIS SGR-70.4-3MFH
- 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

500001555542		ALT. CONFORME CLAIM 415202866	RBOECK	ALISSON	ALISSON	08.02.2019	03
500001037256		REMOVIDO REPRESENTAÇÃO ATERR	ALESOMZ	ODORIZZI	ODORIZZI	18.07.2015	02
ECM	LOC	SUMMARY OF MODIFICATIONS	EXECUTED	CHECKED	RELEASED	DATE	VER
EXECUTED	SCARMAGNANI	THREE PHASE W22 MOTOR - NEMA PREMIUM EFF FRAME 324/6TS IP55	10002805159				
CHECKED	DAYANAR		000	03			
RELEASED	DAYANAR						
REL DT	09.04.2014	WMO	JARAGUA DO SUL	ENGENHARIA DE PRODUTO	SHEET	1 / 1	

A
B
C
D
E

50 HP	02 Poles	60Hz	413384812/0	MEC	B
40 HP	02 Poles	60Hz	413384810/0	MEC	A

UNCONTROLLED COPY

RELEASED

ZME A3



MODEL 04036ET3E324TS-W22G

Inverter Duty Motor
Severe Duty

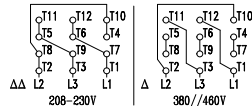




Mod.TE1BFOXON
CC029A


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

MADE IN BRAZIL
12769961

PH3	60Hz	Fr. 324/6TS	1000m.a.s.l.	IP55	TEFC	538lb		
V	230/460			A	92.6/46.3			
HP	40			kW	30			
SF	1.25			SFA	116/57.9			
RPM	3560			PF	0.88			
AMB	40°C			INS cl.	F DT80K	NEMA NOM EFF	92.4%	
DUTY CONT.				DES B	Code G			
USABLE @208V	101A	SF 1.10	SFA 111					
40HP	30kW	50Hz	380V	56.3A	2940RPM	SF 1.00	EFF 91.0%	(IE1)



 → 6312-C3 (21g)
 → 6212-C3 (13g)

 MOBIL POLYREX EM (12000h)
