

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer :								
Product line	: NEMA Premium Efficiency Three-Phase	Product code :	11893637					
		Catalog # :	05036ST3QIE326TSC-W2					
Frame	: 324/6TSC	Cooling method	: IC411 - TEFC					
Insulation class	: F	Mounting	: F-1					
Duty cycle	: Cont.(S1)	Rotation ¹	: Both (CW and CCW)					
Ambient temperature	: -20°C to +40°C	Starting method	: Direct On Line					
Altitude	: 1000 m.a.s.l.	Approx. weight ²	: 574 lb					
Protection degree	: IP55	Moment of inertia (J)	: 5.75 sq.ft.lb					
Design	: B							
Output [HP]	50	40	40	40	50	50	50	
Poles	2	2	2	2	2	2	2	
Frequency [Hz]	60	50	50	50	50	50	50	
Rated voltage [V]	460	380	400	415	380	400	415	
Rated current [A]	56.7	55.1	52.7	51.4	69.4	65.4	63.3	
L. R. Amperes [A]	357	364	374	370	361	366	392	
LRC [A]	6.3x(Code G)	6.6x(Code G)	7.1x(Code H)	7.2x(Code H)	5.2x(Code E)	5.6x(Code F)	6.2x(Code G)	
No load current [A]	14.0	13.0	14.0	15.0	13.0	14.0	15.0	
Rated speed [RPM]	3555	2955	2960	2965	2935	2945	2950	
Slip [%]	1.25	1.50	1.33	1.17	2.17	1.83	1.67	
Rated torque [ft.lb]	73.9	71.1	71.0	70.8	89.5	89.2	89.0	
Locked rotor torque [%]	240	240	260	280	190	210	229	
Breakdown torque [%]	229	229	250	280	200	200	220	
Service factor	1.25	1.00	1.00	1.00	1.00	1.00	1.00	
Temperature rise	80 K	80 K	80 K	80 K	105 K	105 K	105 K	
Locked rotor time	63s (cold) 35s (hot)	68s (cold) 38s (hot)	64s (cold) 36s (hot)	61s (cold) 34s (hot)	37s (cold) 21s (hot)	43s (cold) 24s (hot)	43s (cold) 24s (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%	92.9	92.6	91.6	91.9	94.2	93.6	93.4
	50%	93.0	92.8	92.2	92.2	93.0	93.0	93.0
	75%	93.0	92.9	92.8	93.1	92.4	92.4	93.0
	100%	93.0	93.0	93.3	93.3	91.0	91.7	92.4
Power Factor	25%	0.58	0.58	0.55	0.52	0.65	0.61	0.59
	50%	0.81	0.80	0.77	0.76	0.85	0.83	0.82
	75%	0.87	0.87	0.85	0.84	0.88	0.87	0.86
	100%	0.88	0.89	0.88	0.87	0.89	0.89	0.88
Bearing type	: 6312 C3	6212 C3	Foundation loads					
Sealing	: Inpro/Seal	Inpro/Seal	Max. traction	: 464 lb				
Lubrication interval	: 12000 h	15000 h	Max. compression	: 1038 lb				
Lubricant amount	: 21 g	13 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



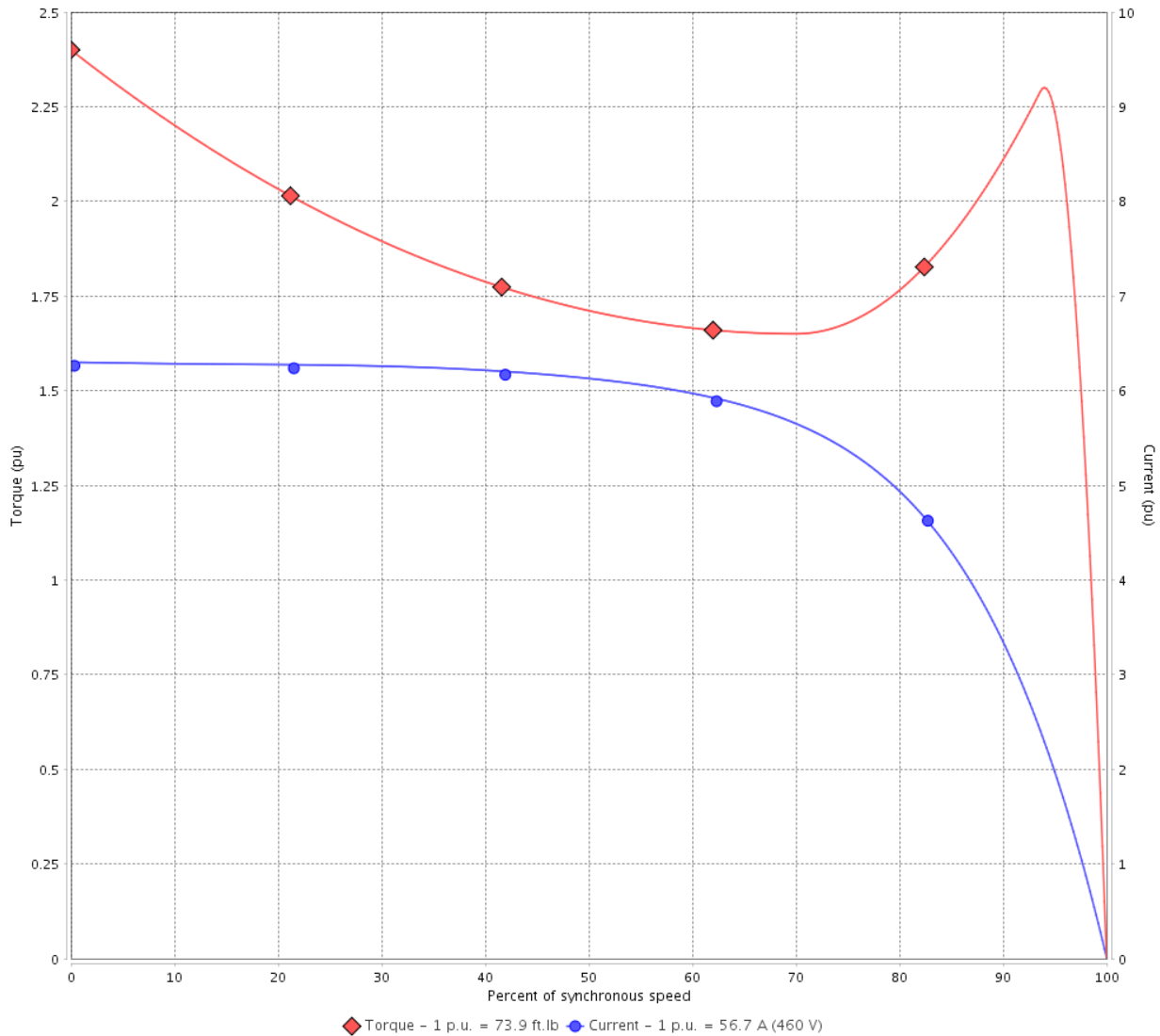
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11893637

Catalog # : 05036ST3QIE326TSC-W2

TORQUE AND CURRENT VS SPEED CURVE



Performance : 460 V 60 Hz 2P

Rated current	: 56.7 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 6.3	Duty cycle	: Cont.(S1)
Rated torque	: 73.9 ft.lb	Insulation class	: F
Locked rotor torque	: 240 %	Service factor	: 1.25
Breakdown torque	: 229 %	Temperature rise	: 80 K
Rated speed	: 3555 rpm	Design	: B

Locked rotor time : 63s (cold) 35s (hot)

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TORQUE AND CURRENT VS SPEED CURVE



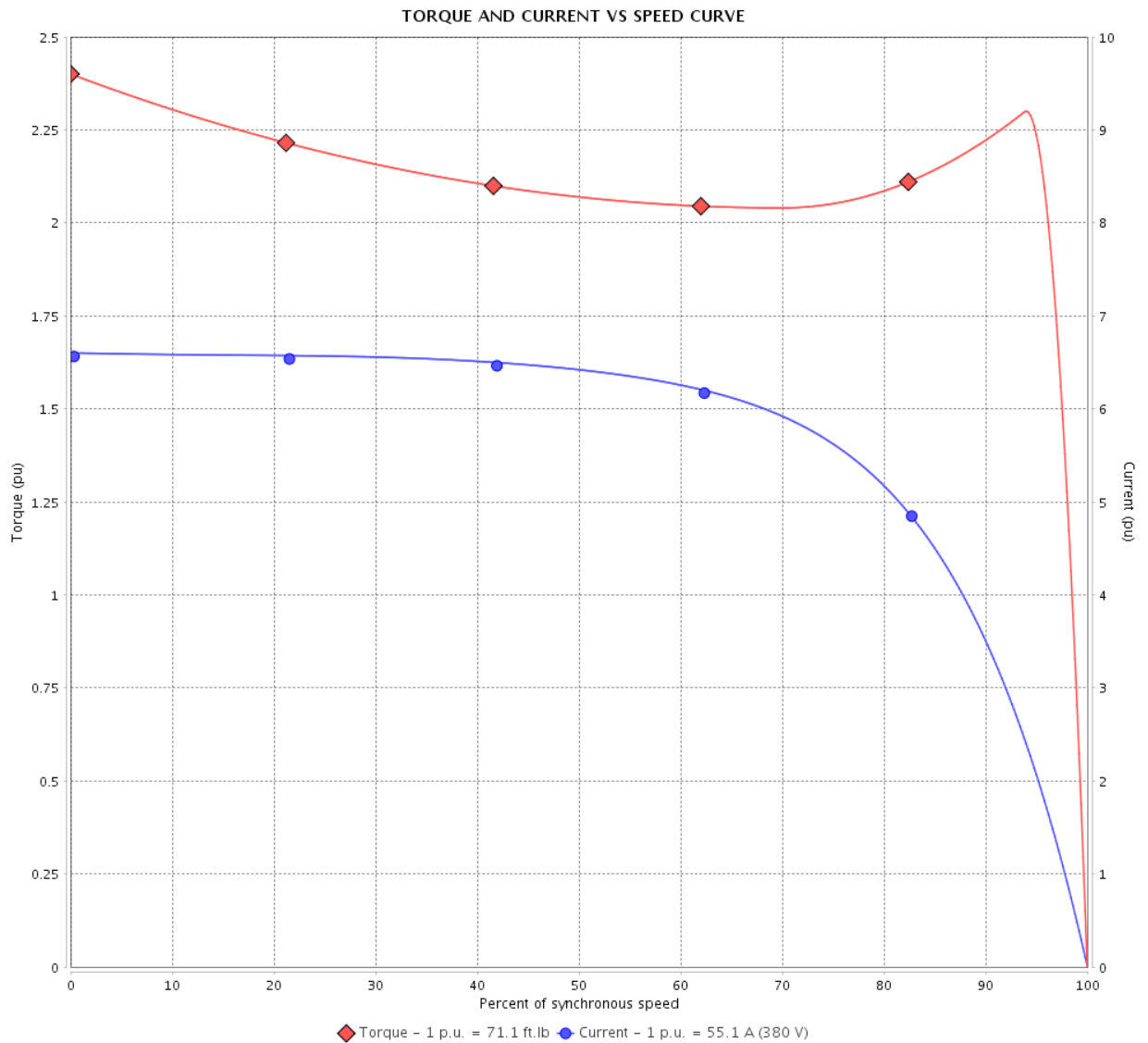
Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11893637

Catalog # : 05036ST3QIE326TSC-W2



Performance : 380 V 50 Hz 2P IE2

Rated current	: 55.1 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 6.6	Duty cycle	: Cont.(S1)
Rated torque	: 71.1 ft.lb	Insulation class	: F
Locked rotor torque	: 240 %	Service factor	: 1.00
Breakdown torque	: 229 %	Temperature rise	: 80 K
Rated speed	: 2955 rpm	Design	: B

Locked rotor time : 68s (cold) 38s (hot)

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



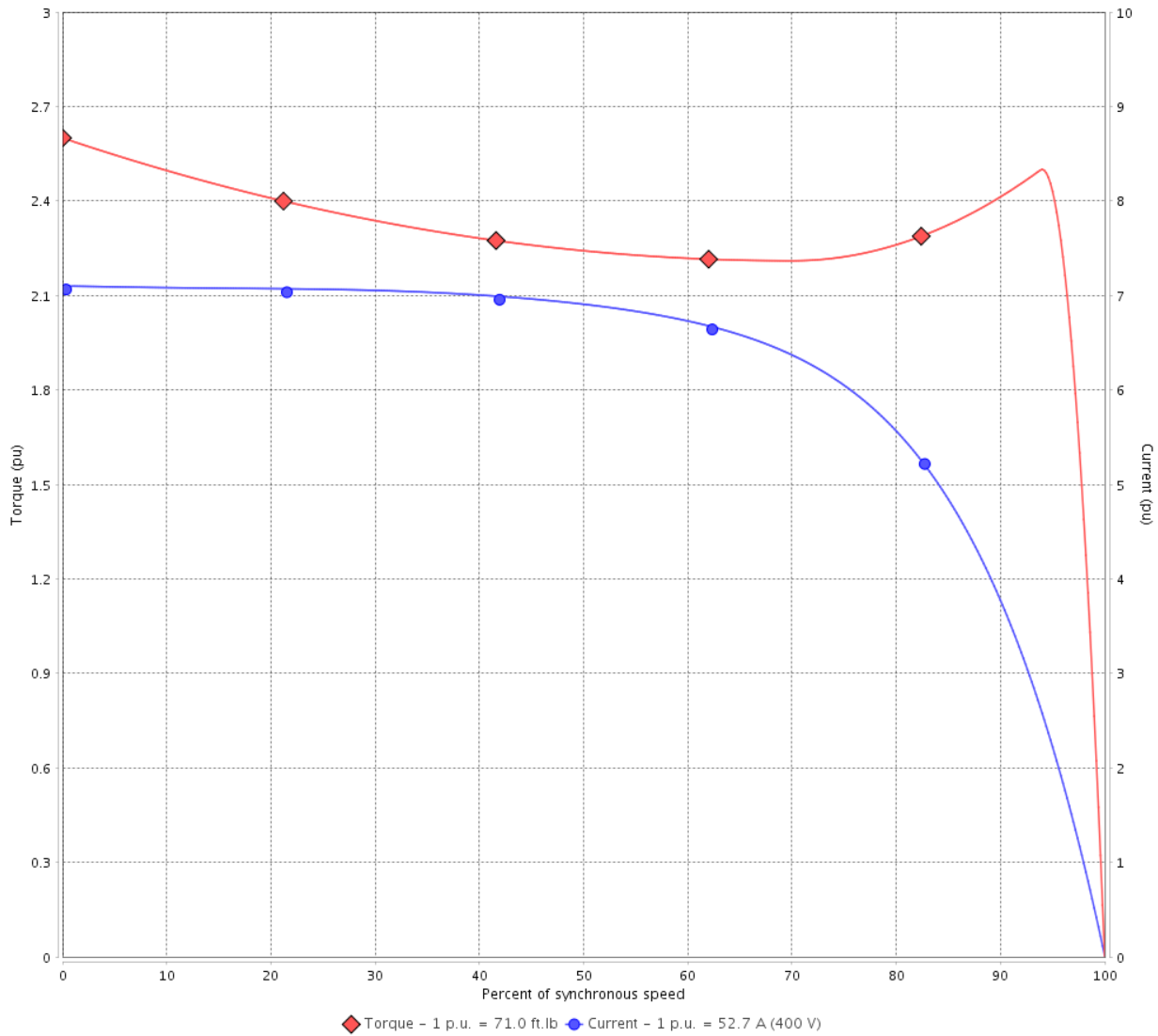
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11893637

Catalog # : 05036ST3QIE326TSC-W2

TORQUE AND CURRENT VS SPEED CURVE



Performance : 400 V 50 Hz 2P IE3

Rated current	: 52.7 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 7.1	Duty cycle	: Cont.(S1)
Rated torque	: 71.0 ft.lb	Insulation class	: F
Locked rotor torque	: 260 %	Service factor	: 1.00
Breakdown torque	: 250 %	Temperature rise	: 80 K
Rated speed	: 2960 rpm	Design	: B

Locked rotor time : 64s (cold) 36s (hot)

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TORQUE AND CURRENT VS SPEED CURVE



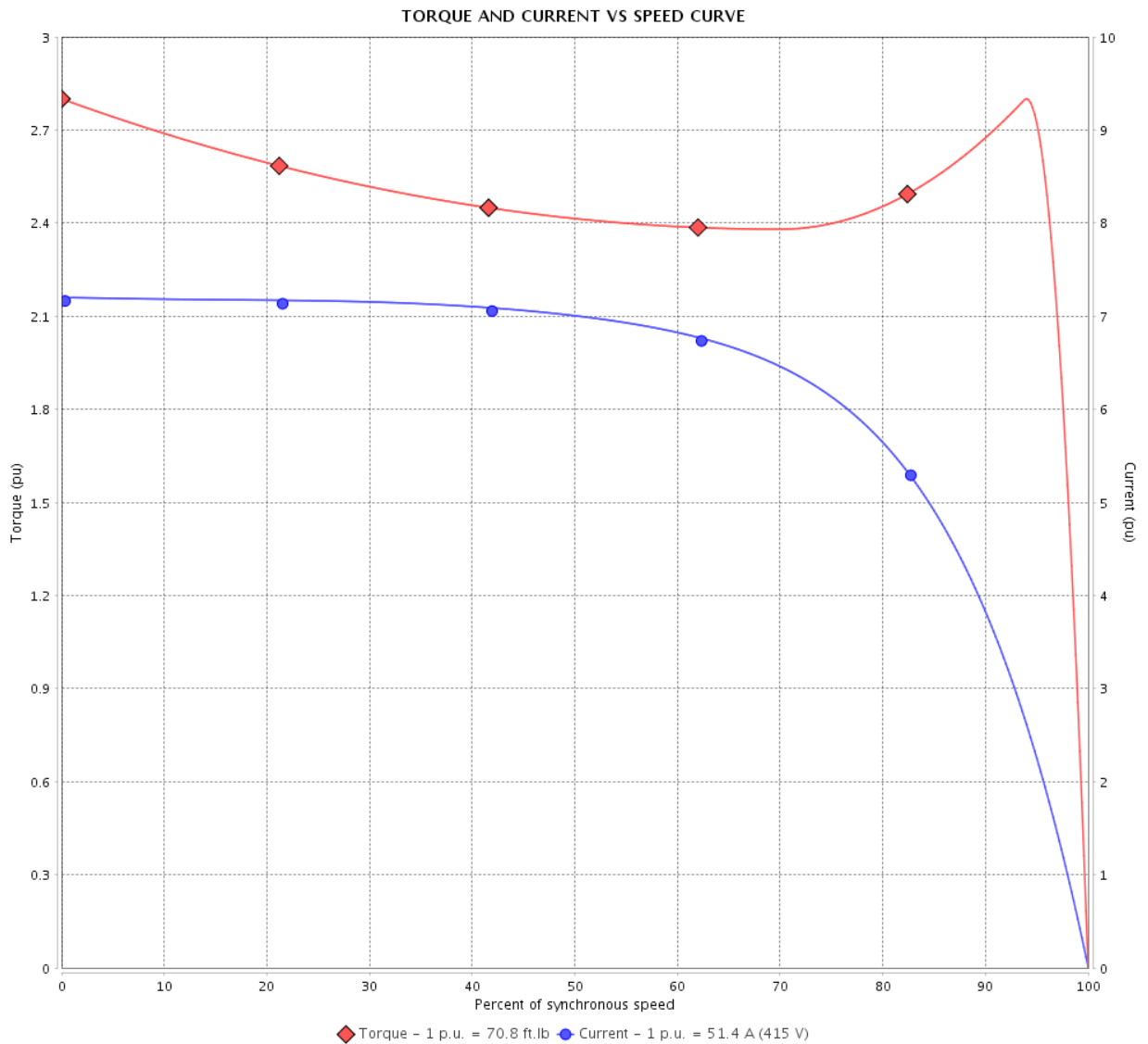
Three Phase Induction Motor - Squirrel Cage

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Product code : 11893637

Catalog # : 05036ST3QIE326TSC-W2



Performance : 415 V 50 Hz 2P IE3

Rated current	: 51.4 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 7.2	Duty cycle	: Cont.(S1)
Rated torque	: 70.8 ft.lb	Insulation class	: F
Locked rotor torque	: 280 %	Service factor	: 1.00
Breakdown torque	: 280 %	Temperature rise	: 80 K
Rated speed	: 2965 rpm	Design	: B

Locked rotor time : 61s (cold) 34s (hot)

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



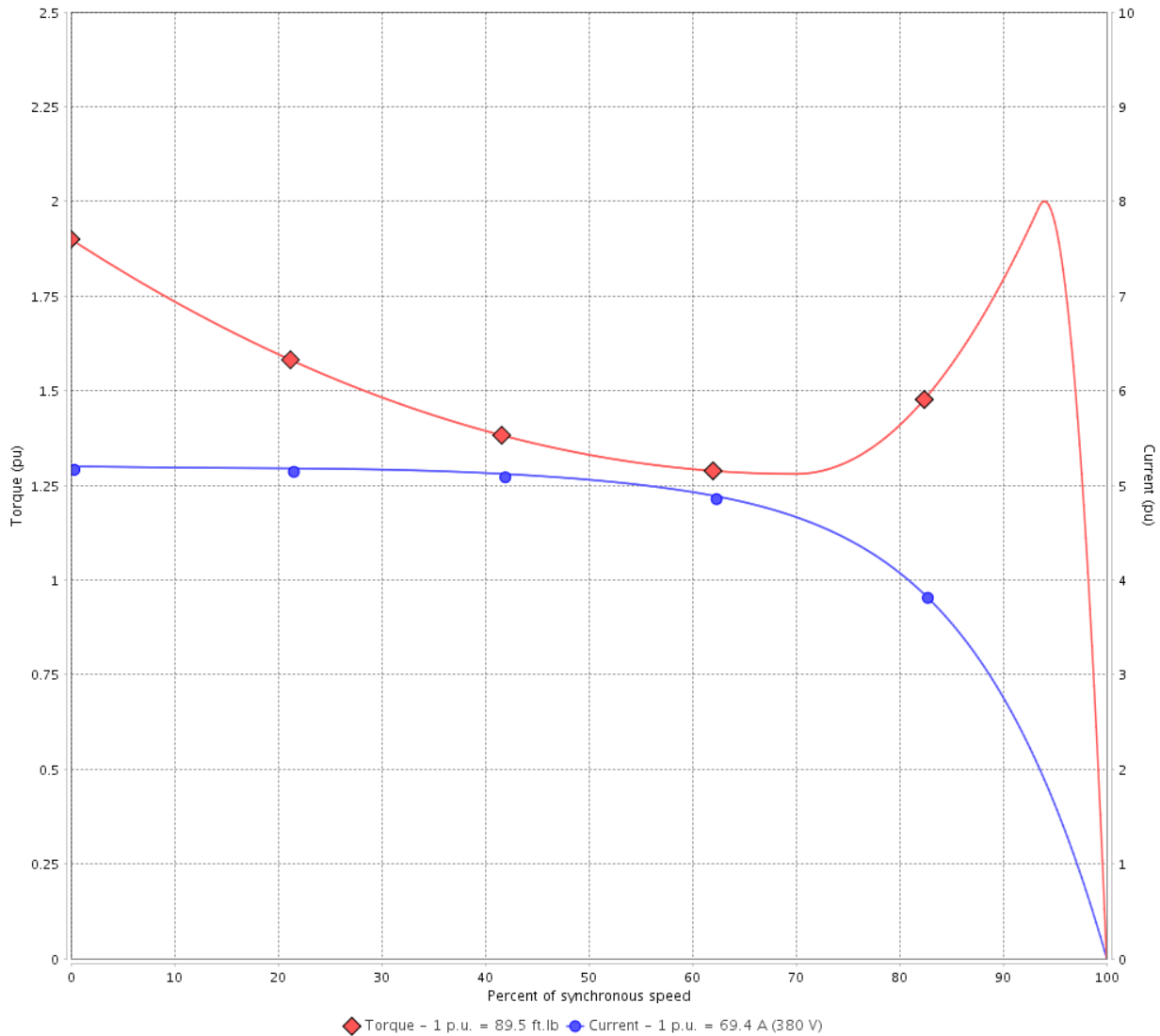
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Catalog # : 05036ST3QIE326TSC-W2

TORQUE AND CURRENT VS SPEED CURVE



Performance : 380 V 50 Hz 2P

Rated current	: 69.4 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 5.2	Duty cycle	: Cont.(S1)
Rated torque	: 89.5 ft.lb	Insulation class	: F
Locked rotor torque	: 190 %	Service factor	: 1.00
Breakdown torque	: 200 %	Temperature rise	: 105 K
Rated speed	: 2935 rpm	Design	: B

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

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TORQUE AND CURRENT VS SPEED CURVE



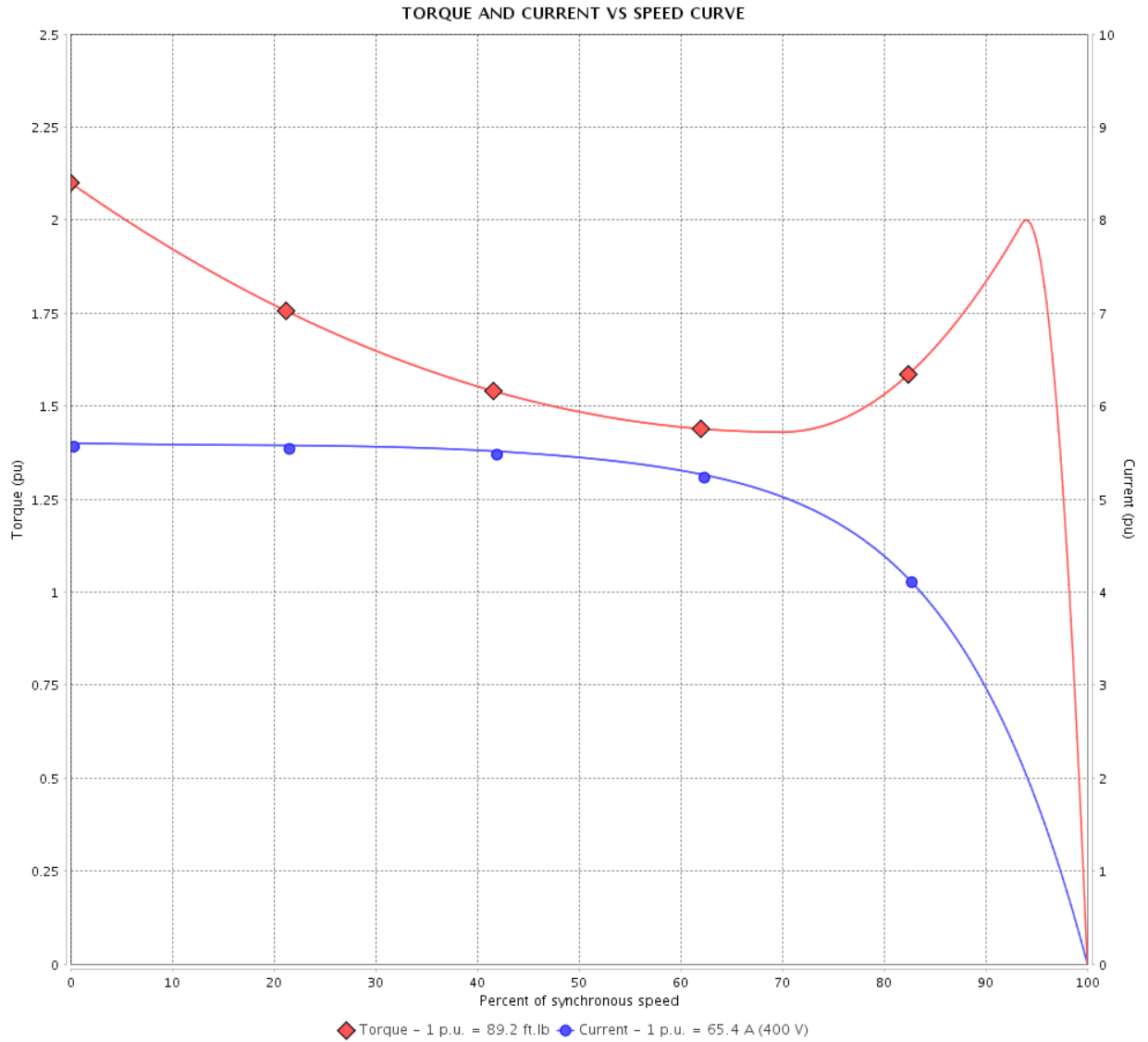
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Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11893637

Catalog # : 05036ST3QIE326TSC-W2



Performance : 400 V 50 Hz 2P IE1

Rated current	: 65.4 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 5.6	Duty cycle	: Cont.(S1)
Rated torque	: 89.2 ft.lb	Insulation class	: F
Locked rotor torque	: 210 %	Service factor	: 1.00
Breakdown torque	: 200 %	Temperature rise	: 105 K
Rated speed	: 2945 rpm	Design	: B

Locked rotor time : 43s (cold) 24s (hot)

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



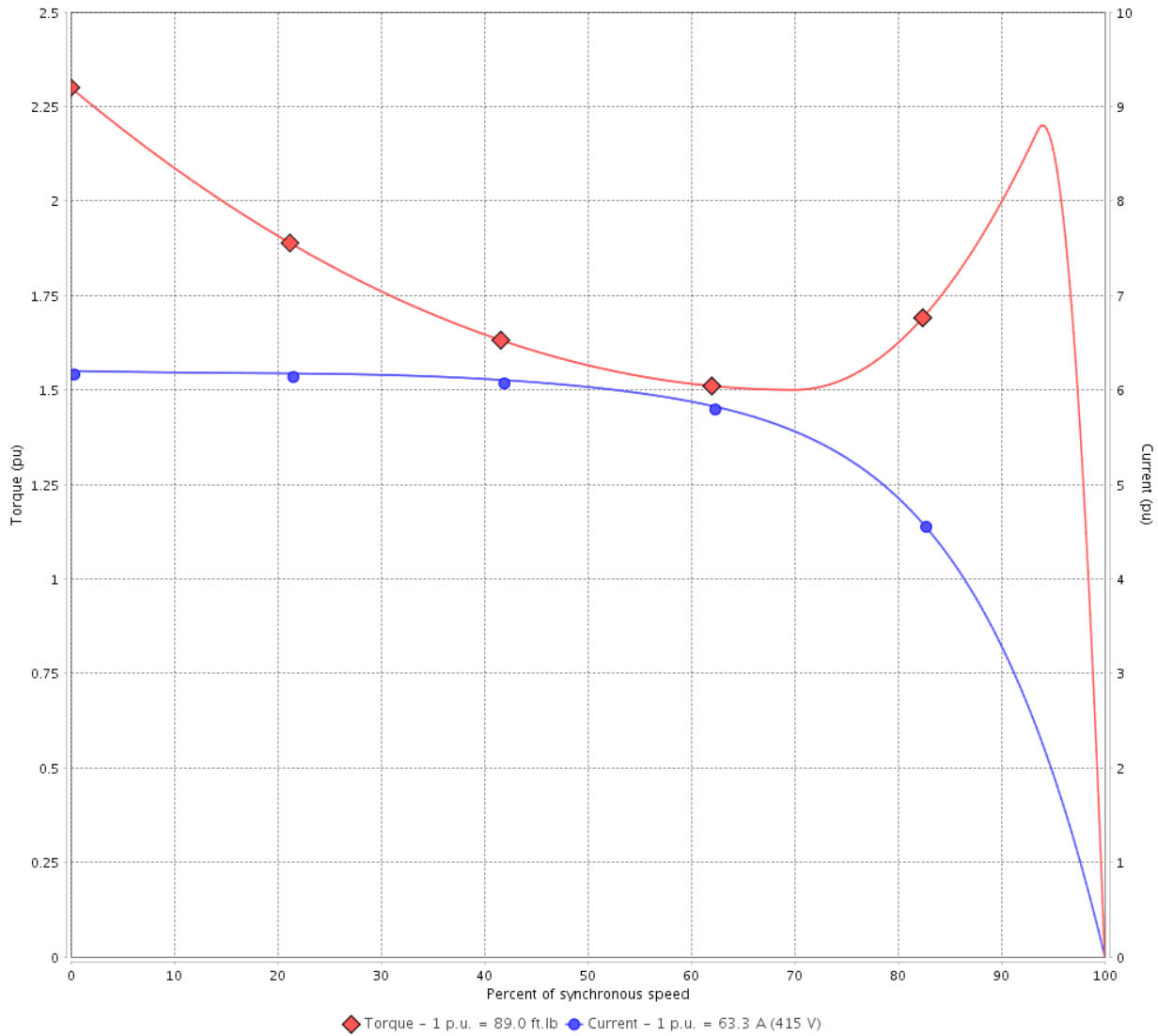
Customer :

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Catalog # : 05036ST3QIE326TSC-W2

TORQUE AND CURRENT VS SPEED CURVE



Performance : 415 V 50 Hz 2P IE1

Rated current	: 63.3 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 6.2	Duty cycle	: Cont.(S1)
Rated torque	: 89.0 ft.lb	Insulation class	: F
Locked rotor torque	: 229 %	Service factor	: 1.00
Breakdown torque	: 220 %	Temperature rise	: 105 K
Rated speed	: 2950 rpm	Design	: B

Locked rotor time : 43s (cold) 24s (hot)

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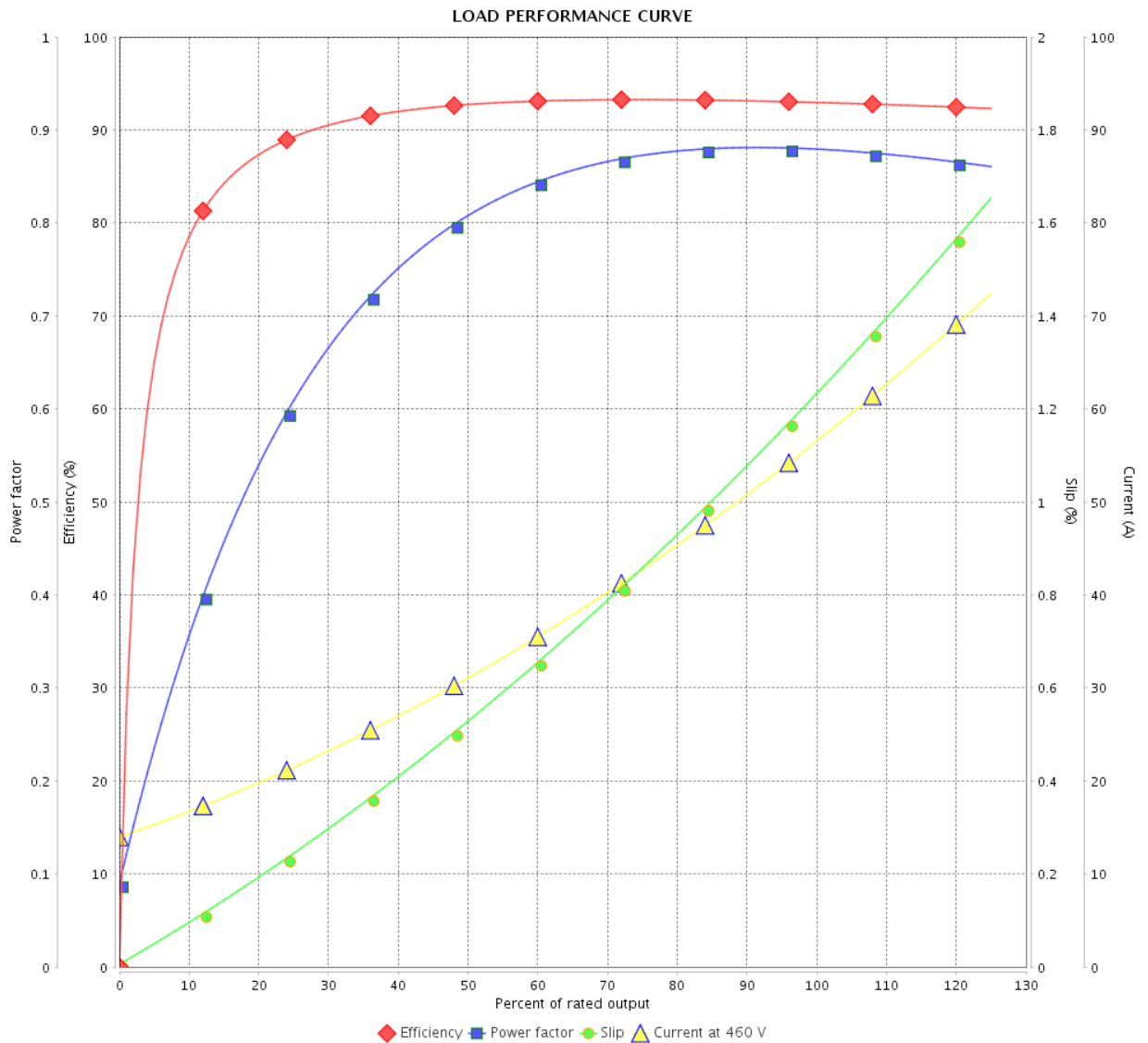


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Product code : 11893637

Catalog # : 05036ST3QIE326TSC-W2



Performance : 460 V 60 Hz 2P

Rated current : 56.7 A
 LRC : 6.3
 Rated torque : 73.9 ft.lb
 Locked rotor torque : 240 %
 Breakdown torque : 229 %
 Rated speed : 3555 rpm

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

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Three Phase Induction Motor - Squirrel Cage

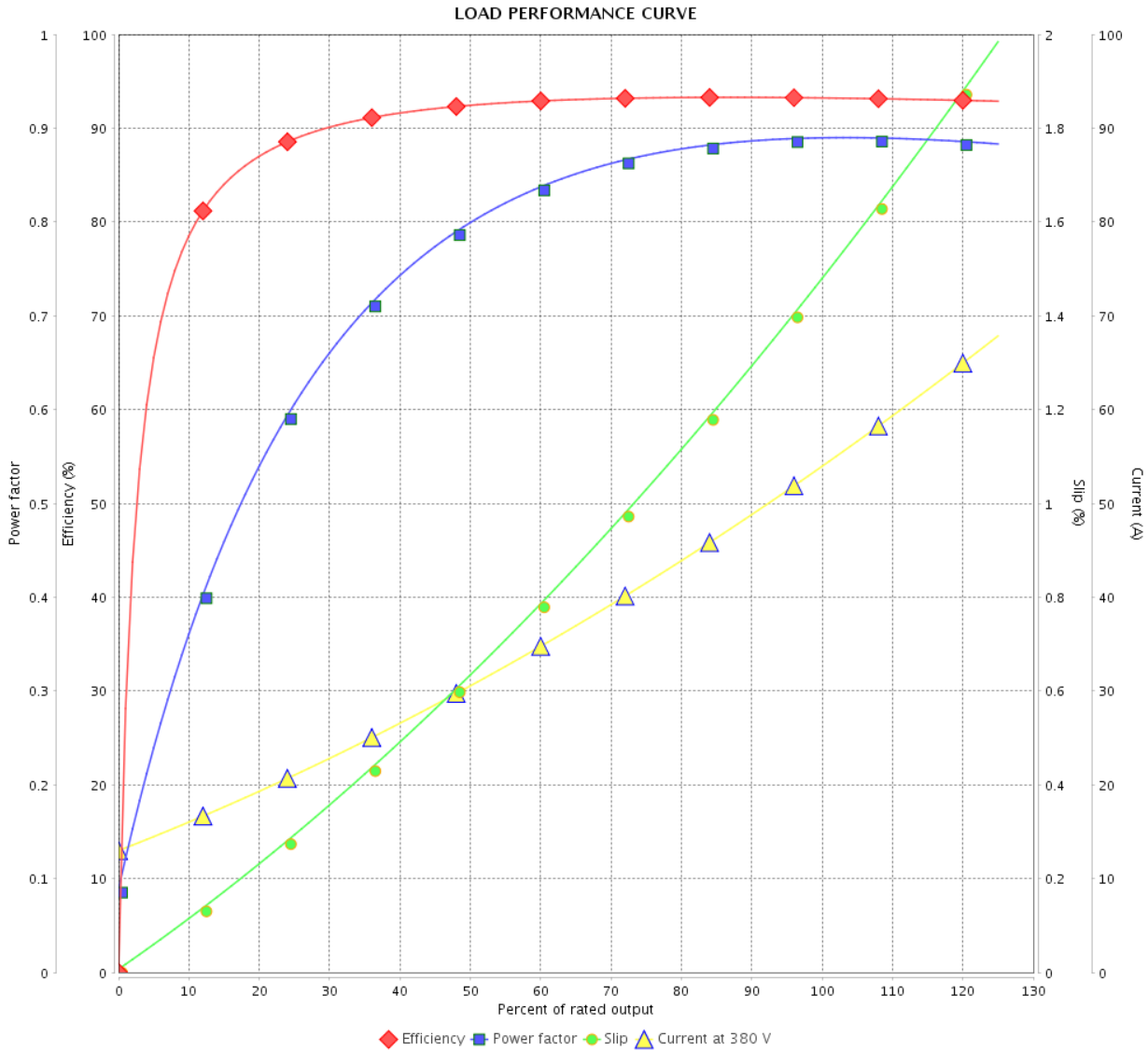


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11893637

Catalog # : 05036ST3QIE326TSC-W2



Performance : 380 V 50 Hz 2P IE2

Rated current : 55.1 A
 LRC : 6.6
 Rated torque : 71.1 ft.lb
 Locked rotor torque : 240 %
 Breakdown torque : 229 %
 Rated speed : 2955 rpm

Moment of inertia (J) : 5.75 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : B

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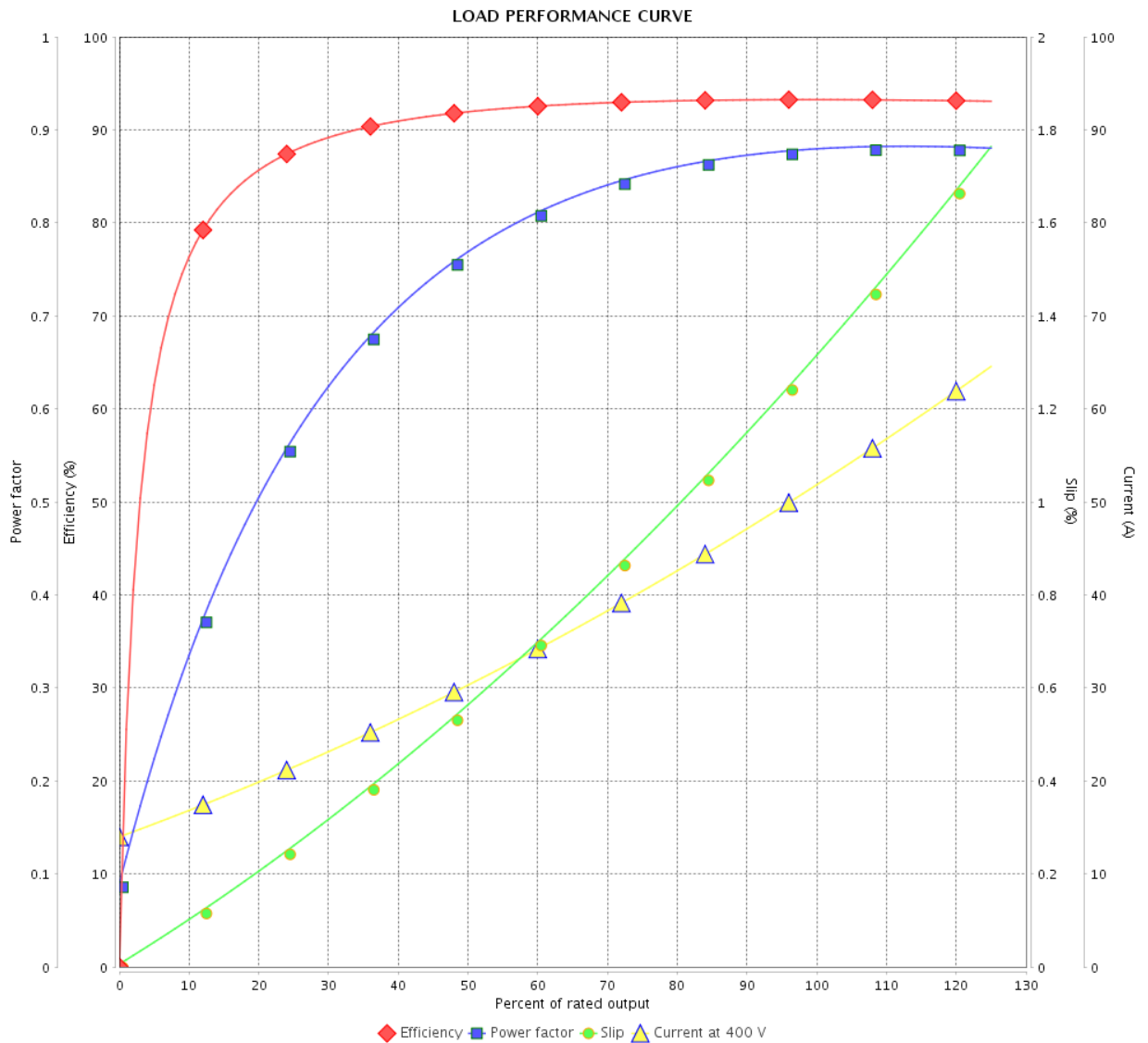


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Product code : 11893637

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Performance : 400 V 50 Hz 2P IE3

Rated current : 52.7 A
 LRC : 7.1
 Rated torque : 71.0 ft.lb
 Locked rotor torque : 260 %
 Breakdown torque : 250 %
 Rated speed : 2960 rpm

Moment of inertia (J) : 5.75 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : B

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Three Phase Induction Motor - Squirrel Cage



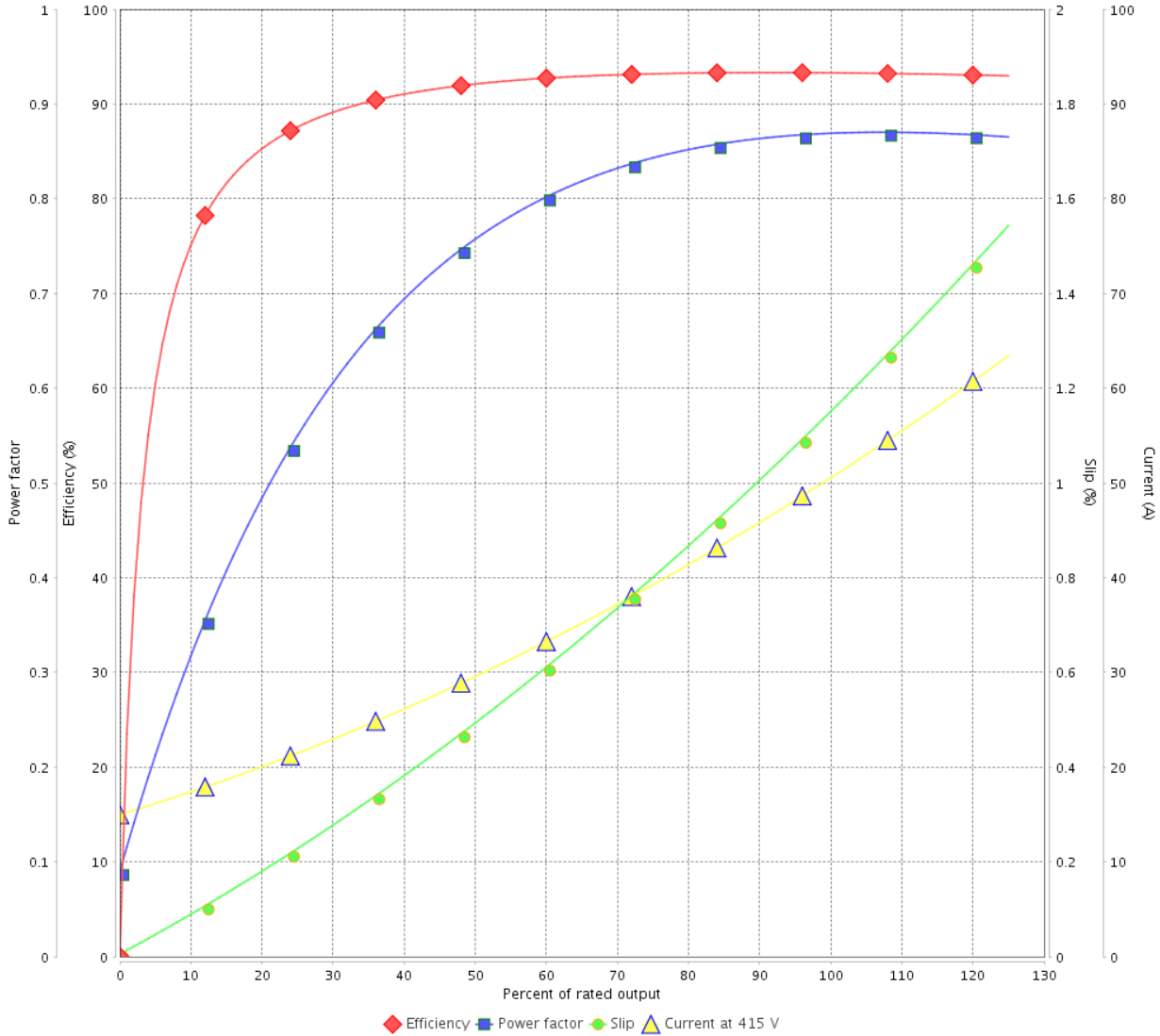
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11893637

Catalog # : 05036ST3QIE326TSC-W2

LOAD PERFORMANCE CURVE



Performance : 415 V 50 Hz 2P IE3

Rated current : 51.4 A
 LRC : 7.2
 Rated torque : 70.8 ft.lb
 Locked rotor torque : 280 %
 Breakdown torque : 280 %
 Rated speed : 2965 rpm

Moment of inertia (J) : 5.75 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : B

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Three Phase Induction Motor - Squirrel Cage

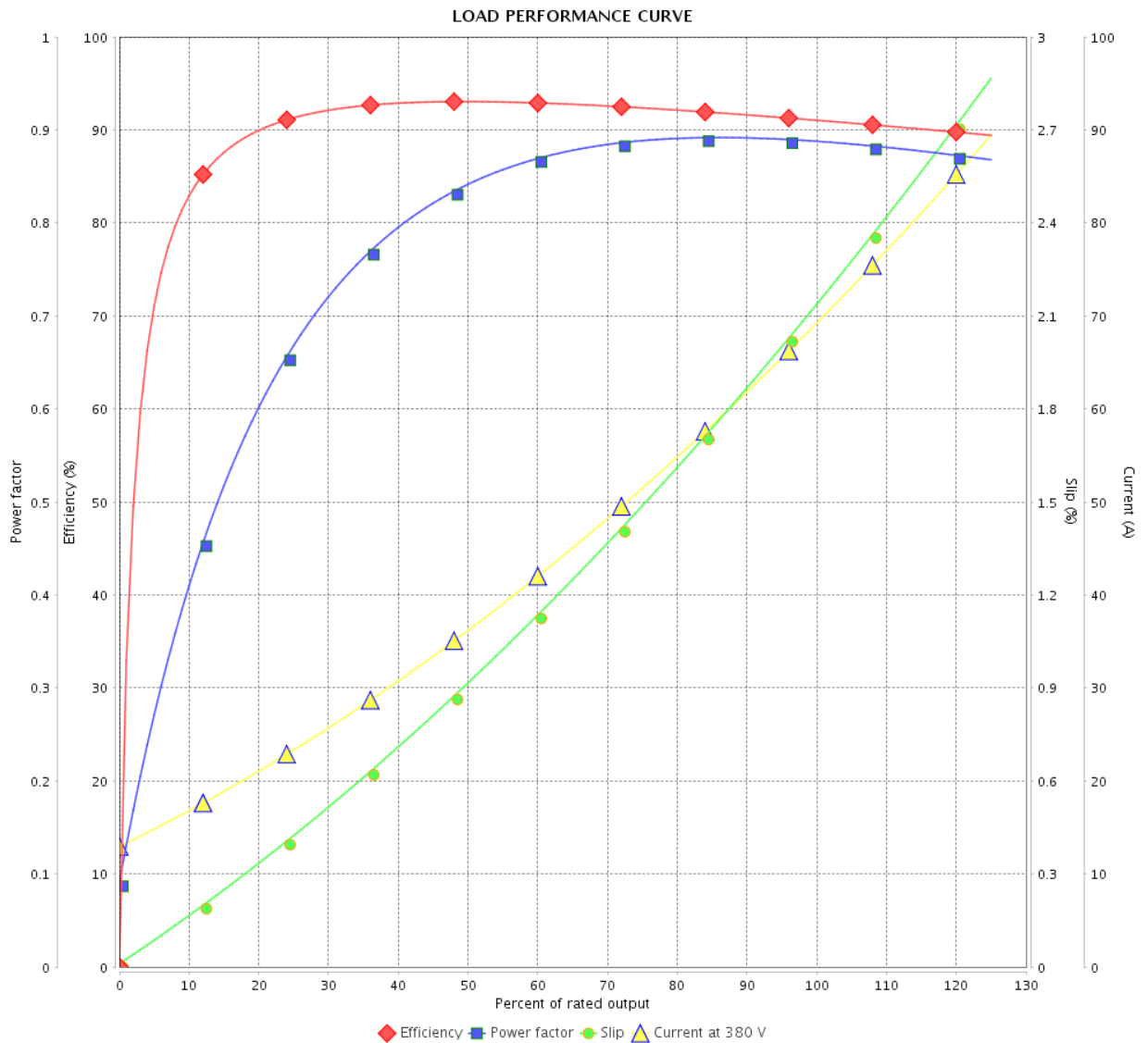


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11893637

Catalog # : 05036ST3QIE326TSC-W2



Performance : 380 V 50 Hz 2P

Rated current : 69.4 A
 LRC : 5.2
 Rated torque : 89.5 ft.lb
 Locked rotor torque : 190 %
 Breakdown torque : 200 %
 Rated speed : 2935 rpm

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

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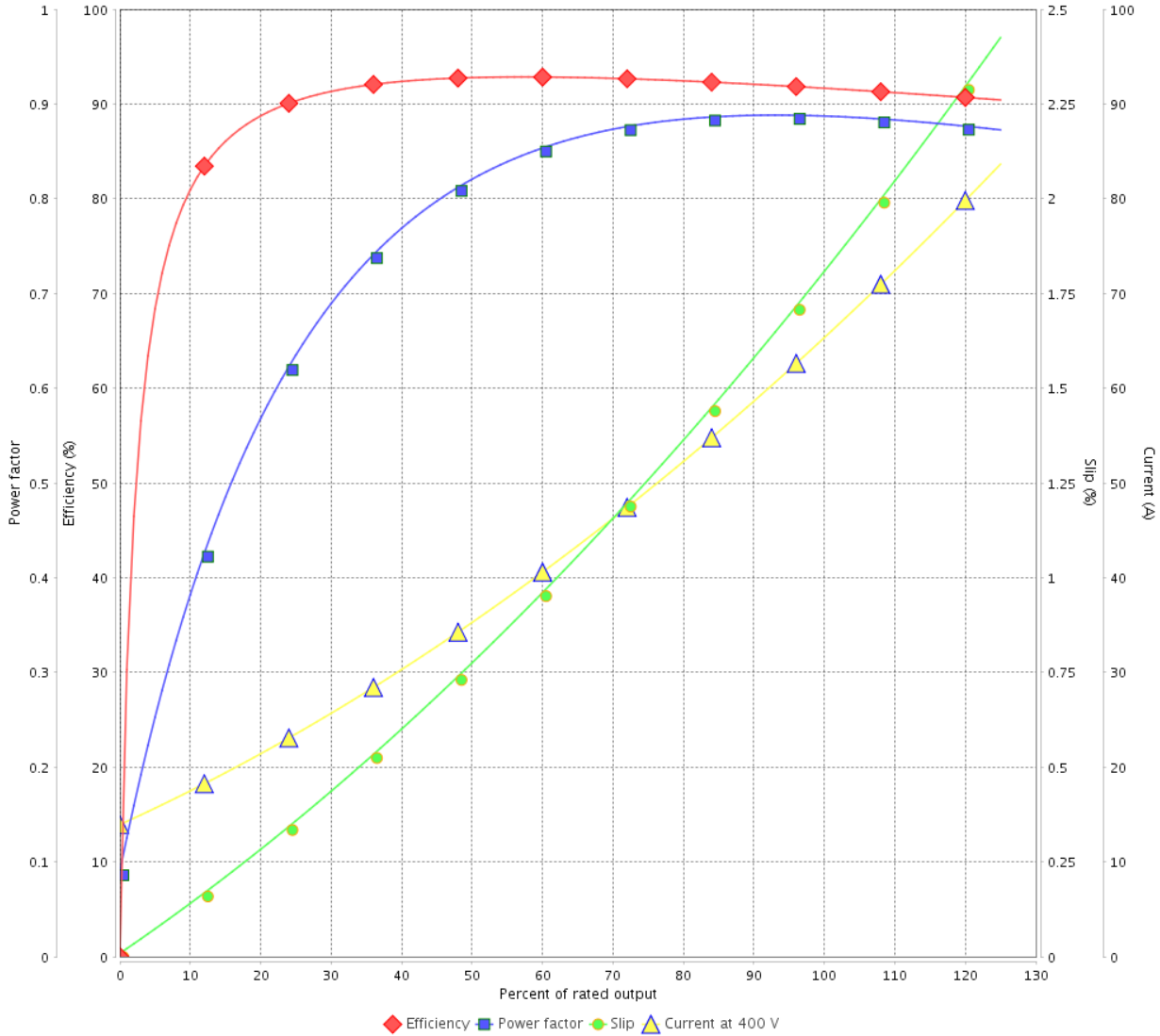
Customer :

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LOAD PERFORMANCE CURVE



Performance : 400 V 50 Hz 2P IE1

Rated current : 65.4 A
 LRC : 5.6
 Rated torque : 89.2 ft.lb
 Locked rotor torque : 210 %
 Breakdown torque : 200 %
 Rated speed : 2945 rpm

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

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Three Phase Induction Motor - Squirrel Cage

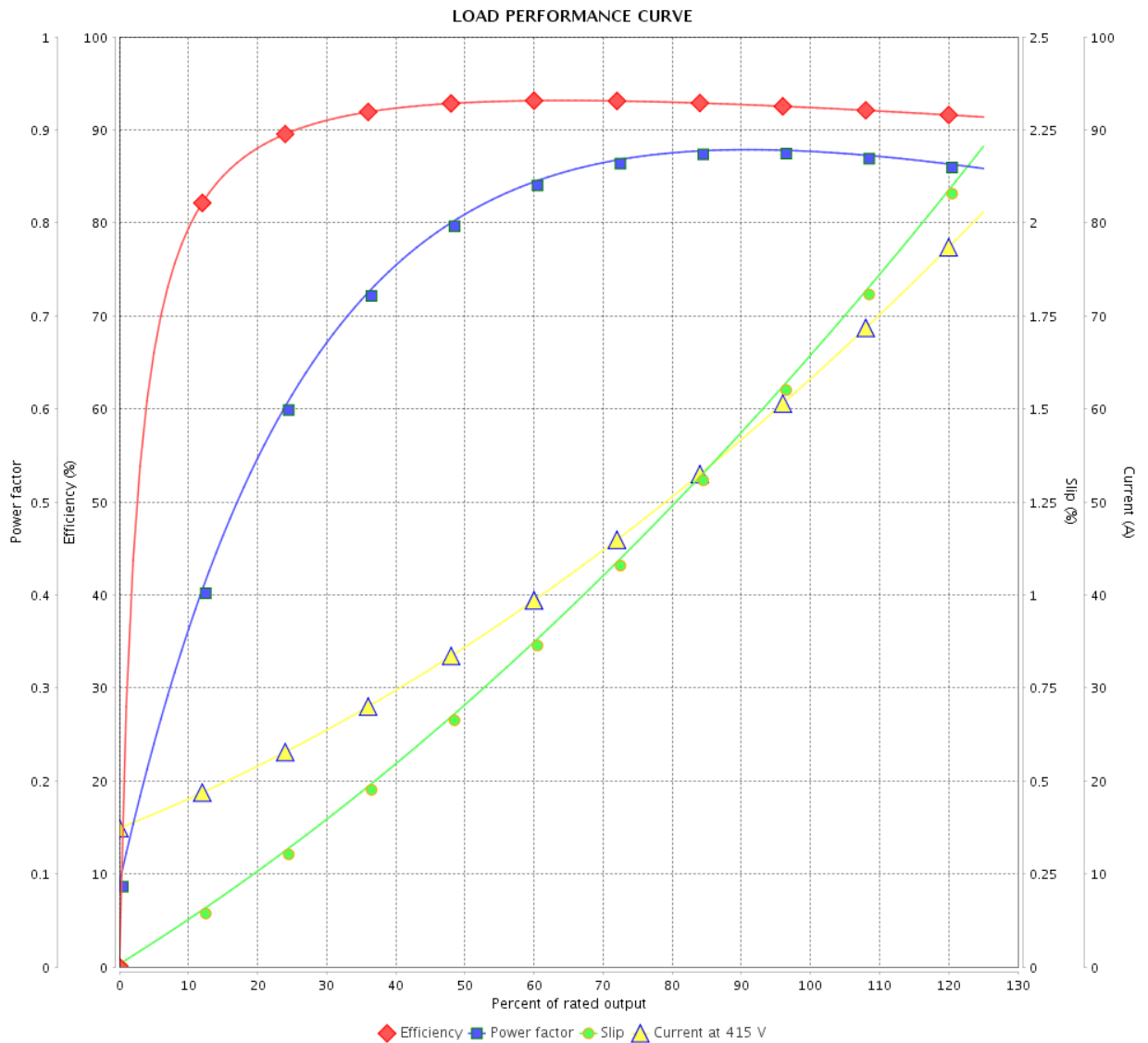


Customer : _____

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Product code : 11893637

Catalog # : 05036ST3QIE326TSC-W2



Performance : 415 V 50 Hz 2P IE1

Rated current : 63.3 A
 LRC : 6.2
 Rated torque : 89.0 ft.lb
 Locked rotor torque : 229 %
 Breakdown torque : 220 %
 Rated speed : 2950 rpm

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

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THERMAL LIMIT CURVE



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Performance : 460 V 60 Hz 2P

Rated current : 56.7 A	Moment of inertia (J) : 5.75 sq.ft.lb
LRC : 6.3	Duty cycle : Cont.(S1)
Rated torque : 73.9 ft.lb	Insulation class : F
Locked rotor torque : 240 %	Service factor : 1.25
Breakdown torque : 229 %	Temperature rise : 80 K
Rated speed : 3555 rpm	Design : B

Heating constant

Cooling constant

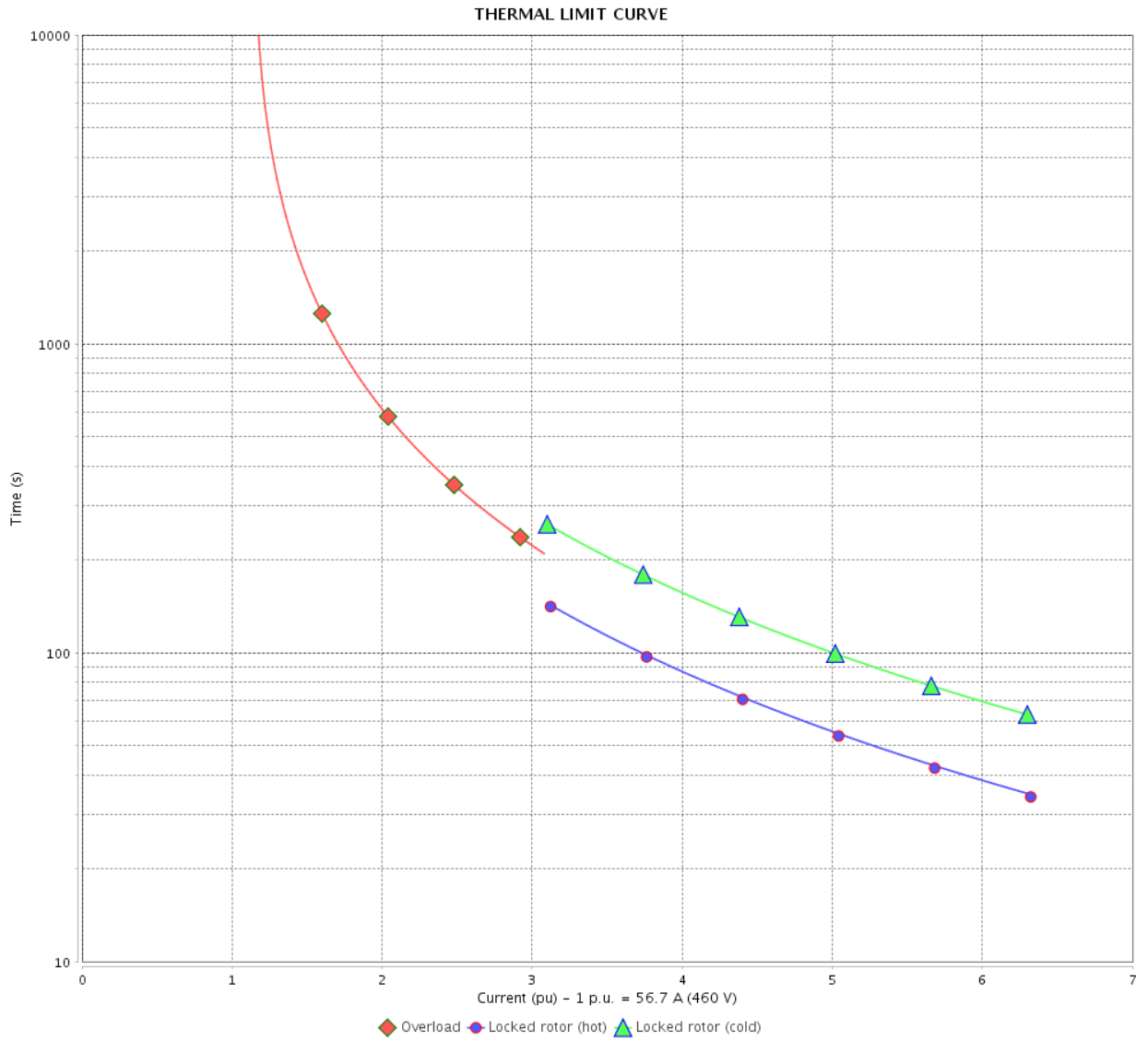
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Three Phase Induction Motor - Squirrel Cage



Customer : _____



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Catalog # : 05036ST3QIE326TSC-W2

Performance : 380 V 50 Hz 2P IE2

Rated current	: 55.1 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 6.6	Duty cycle	: Cont.(S1)
Rated torque	: 71.1 ft.lb	Insulation class	: F
Locked rotor torque	: 240 %	Service factor	: 1.00
Breakdown torque	: 229 %	Temperature rise	: 80 K
Rated speed	: 2955 rpm	Design	: B

Heating constant

Cooling constant

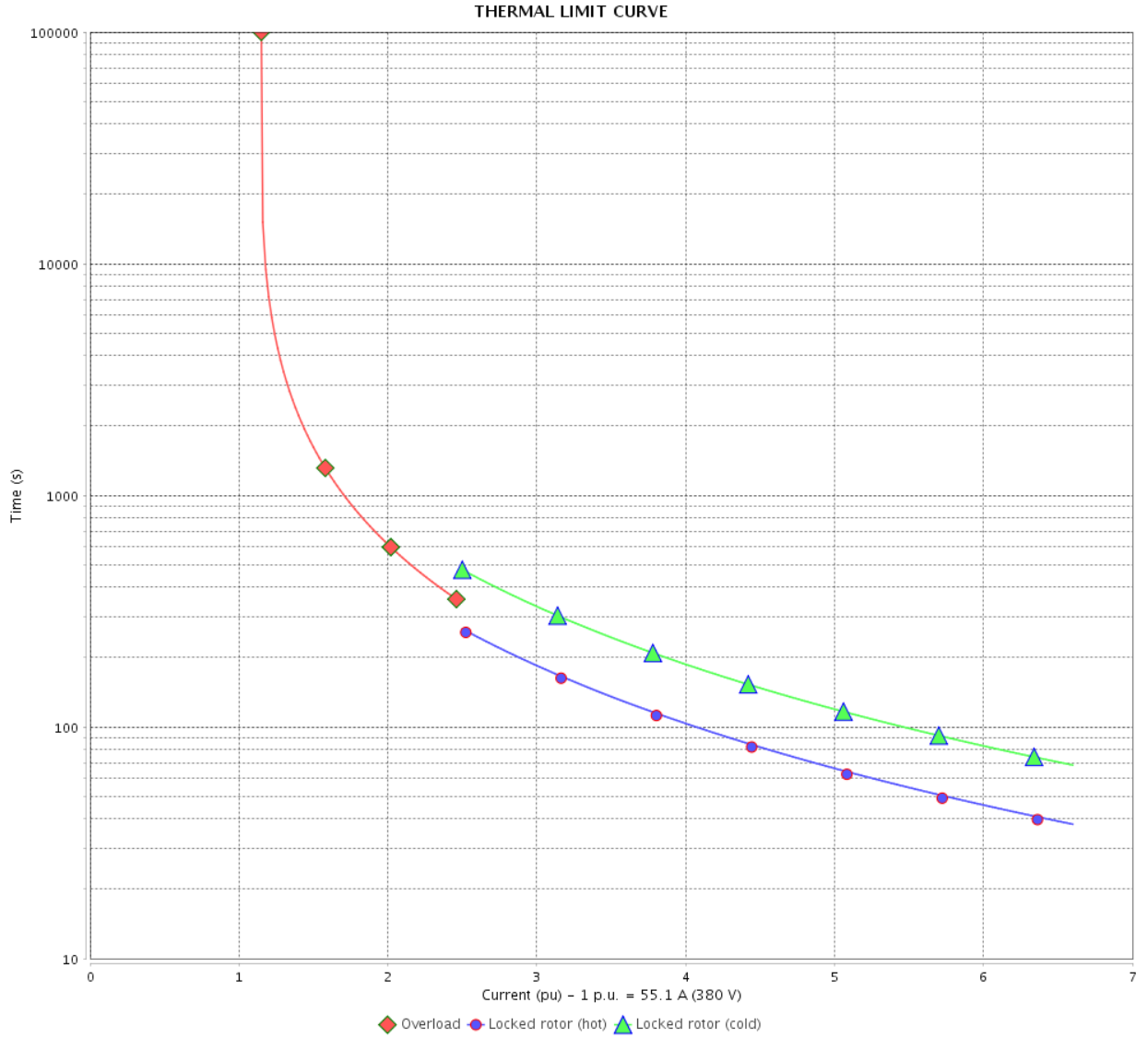
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Three Phase Induction Motor - Squirrel Cage



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Catalog # : 05036ST3QIE326TSC-W2

Performance : 400 V 50 Hz 2P IE3

Rated current	: 52.7 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 7.1	Duty cycle	: Cont.(S1)
Rated torque	: 71.0 ft.lb	Insulation class	: F
Locked rotor torque	: 260 %	Service factor	: 1.00
Breakdown torque	: 250 %	Temperature rise	: 80 K
Rated speed	: 2960 rpm	Design	: B

Heating constant

Cooling constant

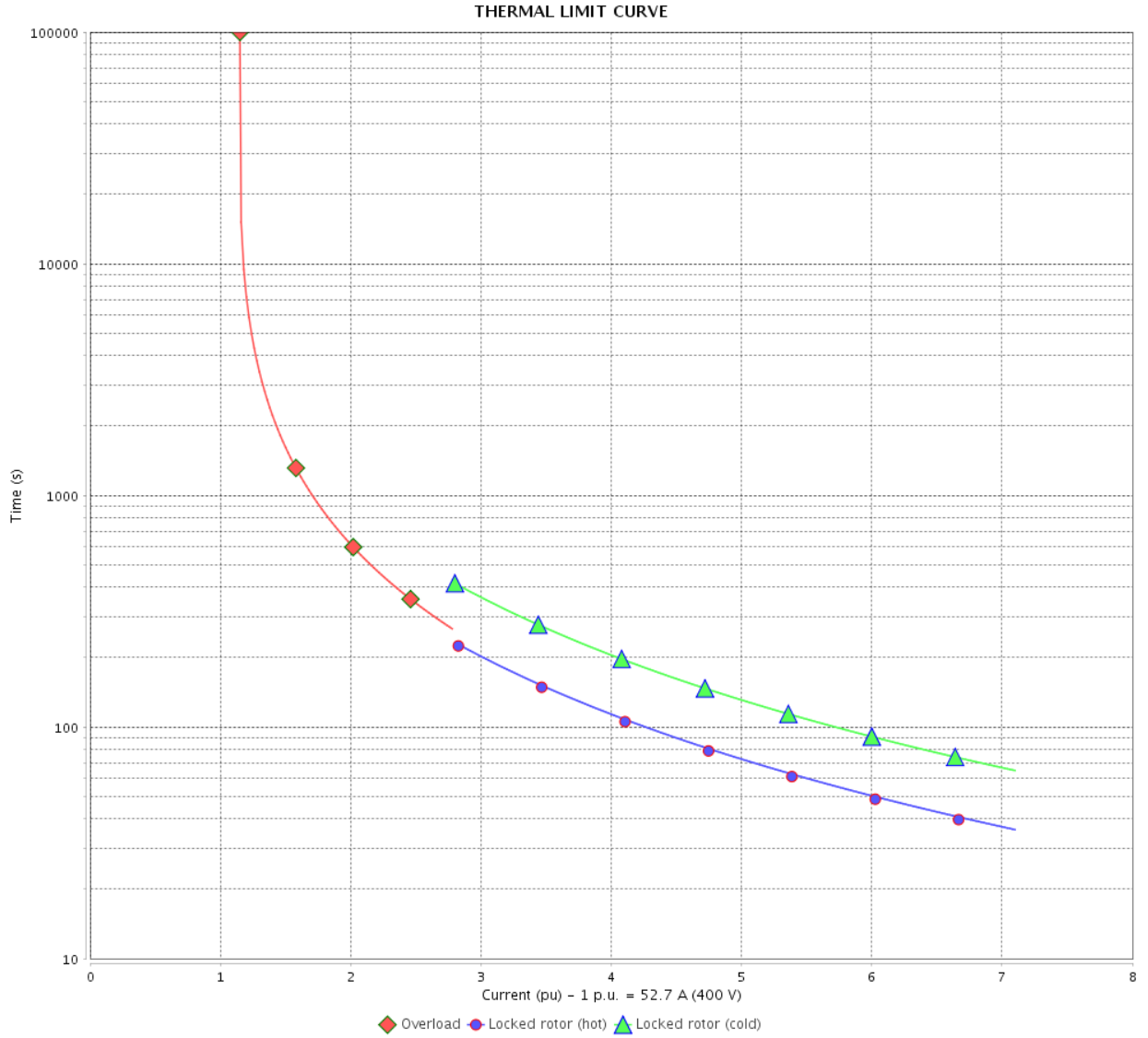
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Performance : 415 V 50 Hz 2P IE3

Rated current : 51.4 A	Moment of inertia (J) : 5.75 sq.ft.lb
LRC : 7.2	Duty cycle : Cont.(S1)
Rated torque : 70.8 ft.lb	Insulation class : F
Locked rotor torque : 280 %	Service factor : 1.00
Breakdown torque : 280 %	Temperature rise : 80 K
Rated speed : 2965 rpm	Design : B

Heating constant

Cooling constant

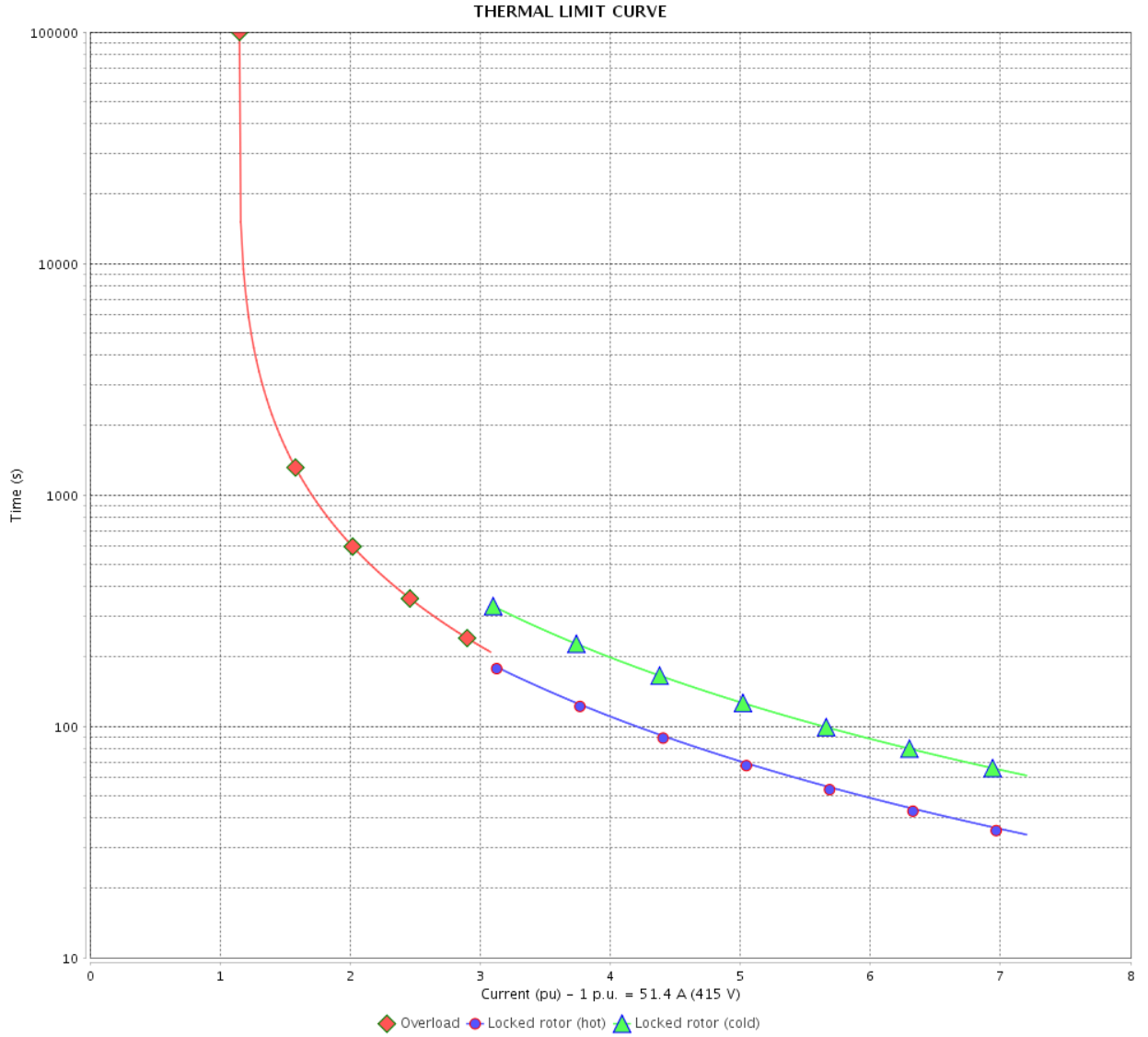
Rev.	Changes Summary	Performed	Checked	Date
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Rated current	: 69.4 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 5.2	Duty cycle	: Cont.(S1)
Rated torque	: 89.5 ft.lb	Insulation class	: F
Locked rotor torque	: 190 %	Service factor	: 1.00
Breakdown torque	: 200 %	Temperature rise	: 105 K
Rated speed	: 2935 rpm	Design	: B

Heating constant

Cooling constant

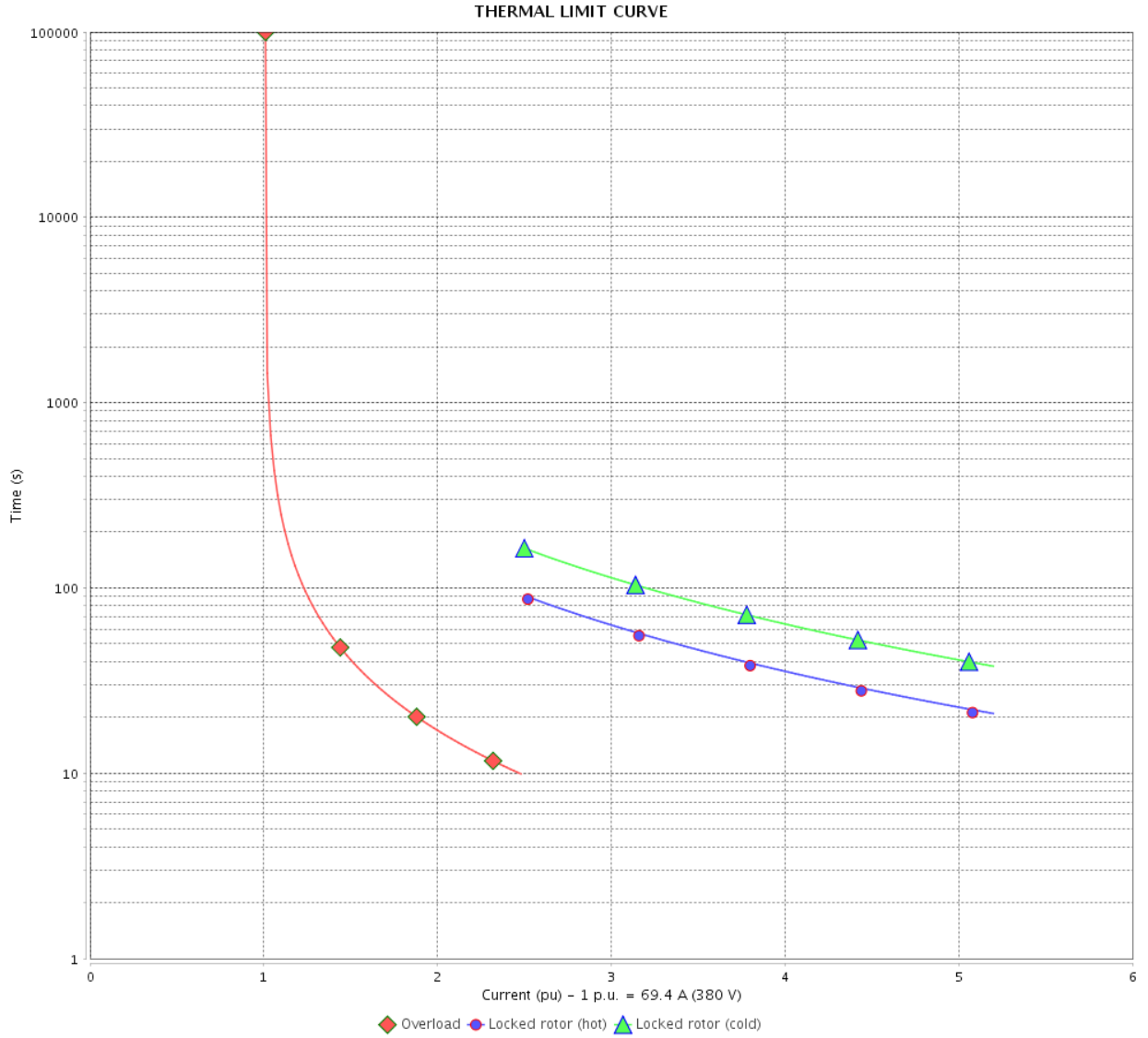
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Performance : 400 V 50 Hz 2P IE1

Rated current : 65.4 A	Moment of inertia (J) : 5.75 sq.ft.lb
LRC : 5.6	Duty cycle : Cont.(S1)
Rated torque : 89.2 ft.lb	Insulation class : F
Locked rotor torque : 210 %	Service factor : 1.00
Breakdown torque : 200 %	Temperature rise : 105 K
Rated speed : 2945 rpm	Design : B

Heating constant

Cooling constant

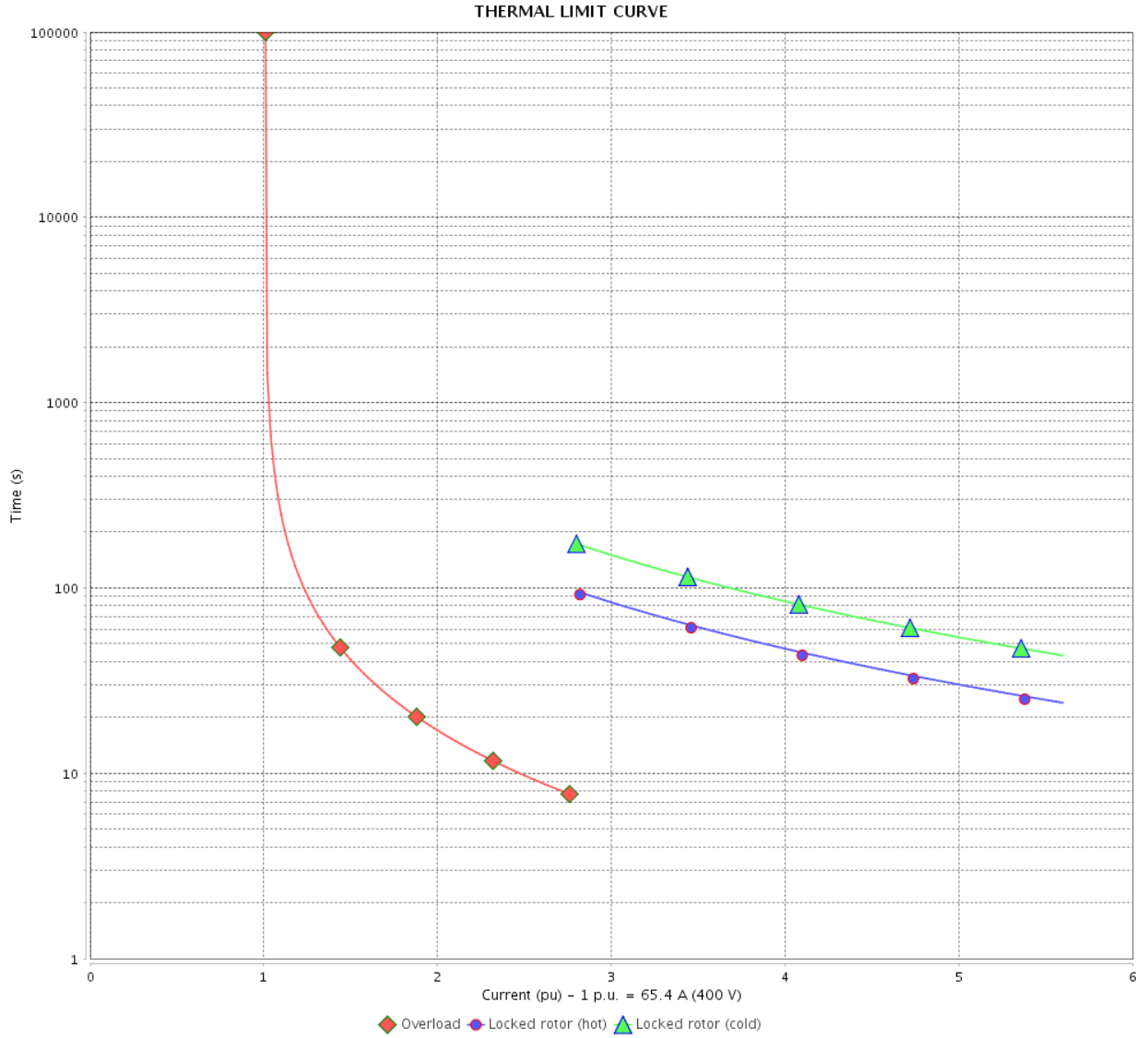
Rev.	Changes Summary	Performed	Checked	Date
Performed by			Page 26 / 36	Revision
Checked by				
Date	12/04/2022			

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 : 11893637

Catalog # : 05036ST3QIE326TSC-W2

Performance : 415 V 50 Hz 2P IE1

Rated current	: 63.3 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 6.2	Duty cycle	: Cont.(S1)
Rated torque	: 89.0 ft.lb	Insulation class	: F
Locked rotor torque	: 229 %	Service factor	: 1.00
Breakdown torque	: 220 %	Temperature rise	: 105 K
Rated speed	: 2950 rpm	Design	: B

Heating constant

Cooling constant

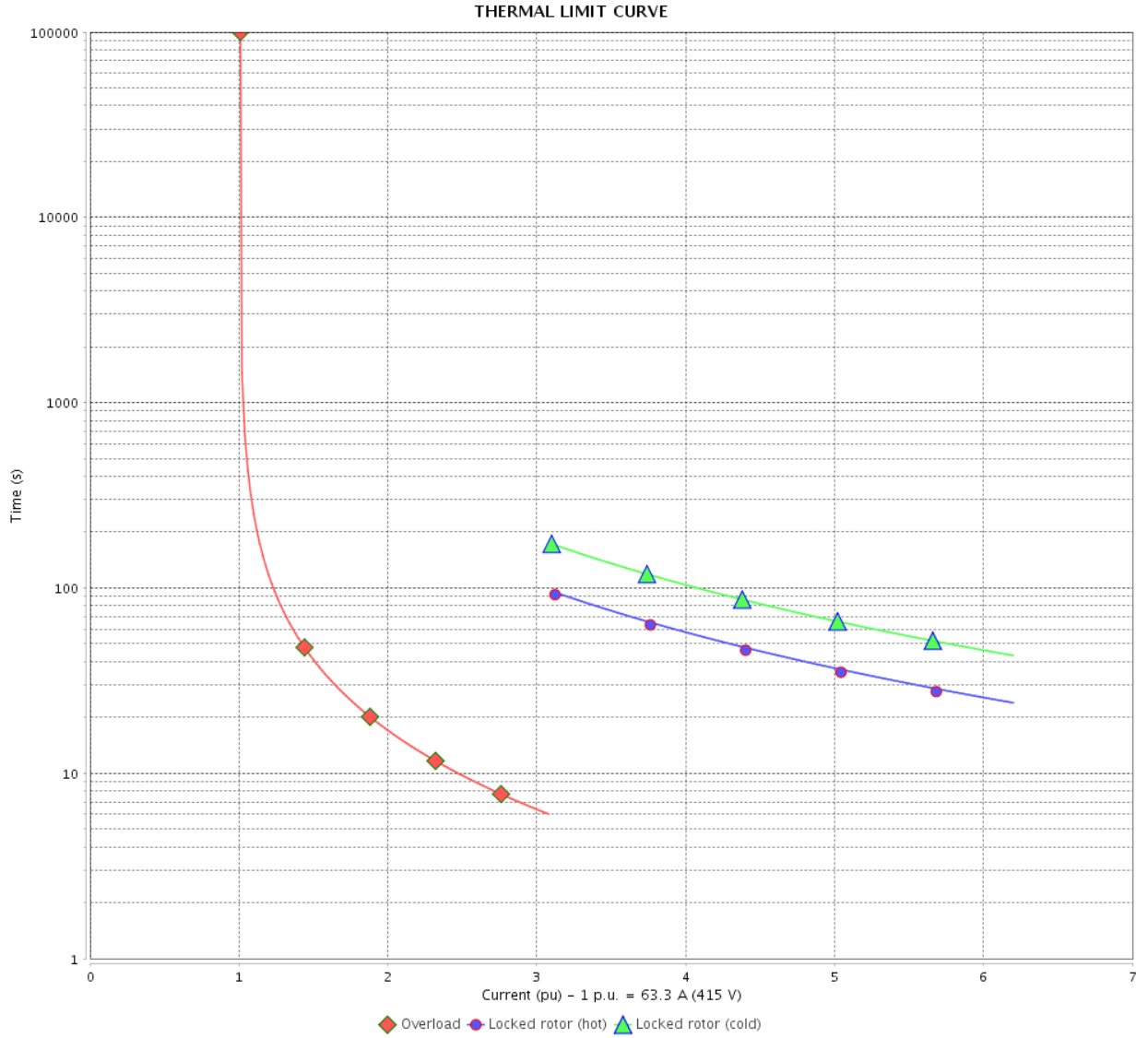
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
Date	12/04/2022		28 / 36	

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____



Rev.	Changes Summary	Performed	Checked	Date
Performed by		Page		Revision
Checked by		29 / 36		
Date		12/04/2022		

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

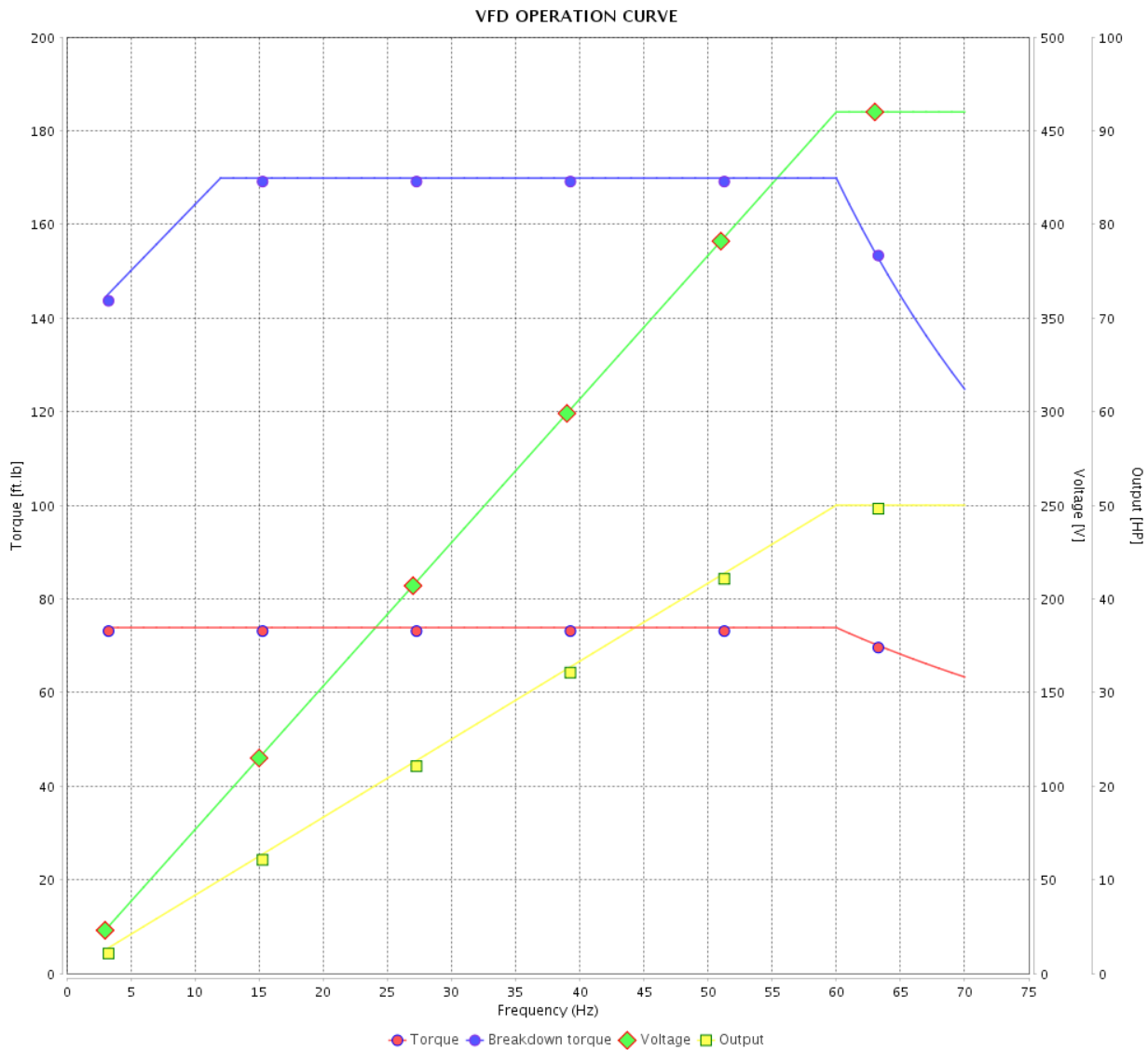


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11893637

Catalog # : 05036ST3QIE326TSC-W2



Performance : 460 V 60 Hz 2P

Rated current : 56.7 A
 LRC : 6.3
 Rated torque : 73.9 ft.lb
 Locked rotor torque : 240 %
 Breakdown torque : 229 %
 Rated speed : 3555 rpm

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

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Performed by		Page		Revision
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Date	12/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

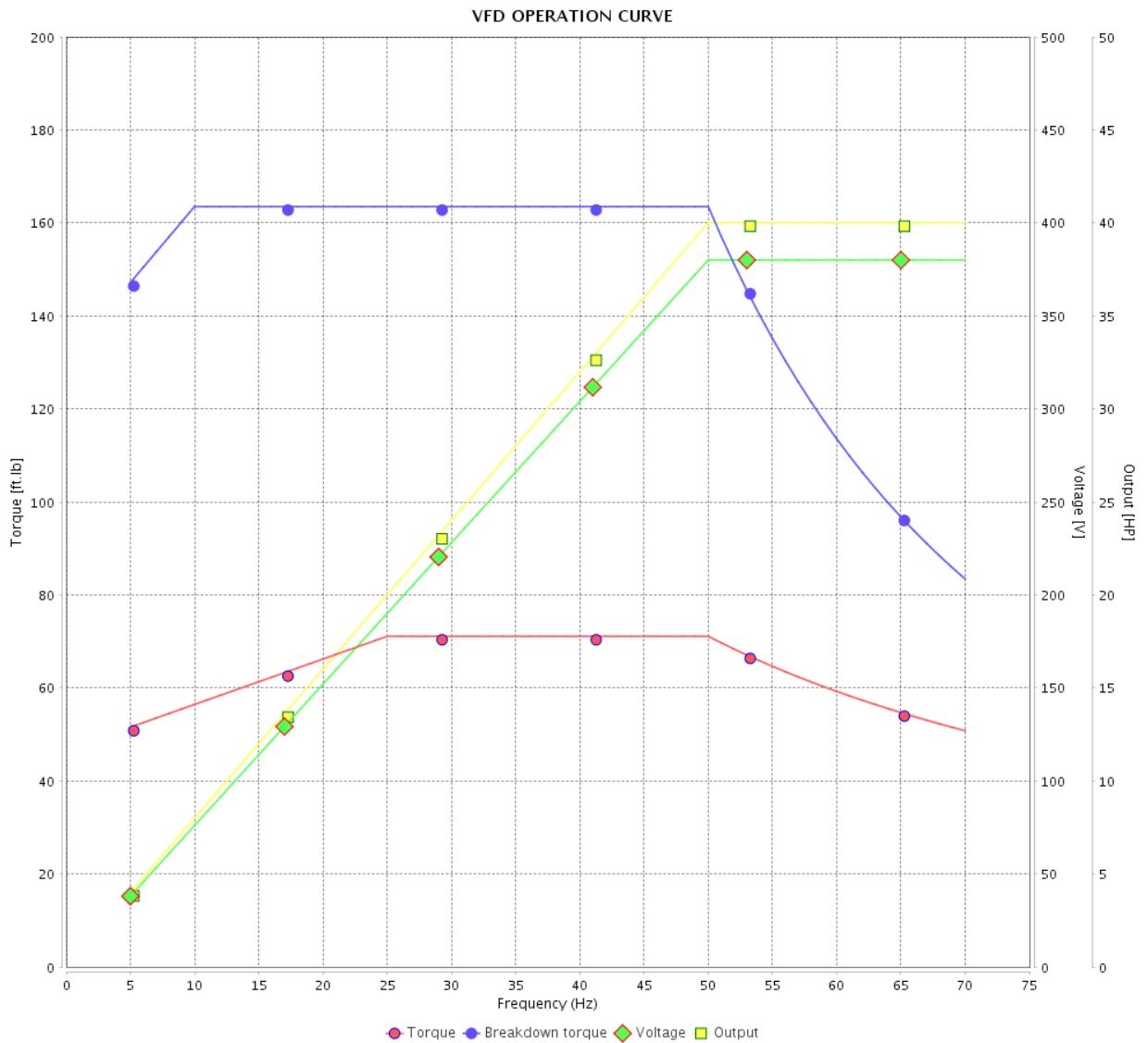


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11893637

Catalog # : 05036ST3QIE326TSC-W2



Performance : 380 V 50 Hz 2P IE2

Rated current : 55.1 A
 LRC : 6.6
 Rated torque : 71.1 ft.lb
 Locked rotor torque : 240 %
 Breakdown torque : 229 %
 Rated speed : 2955 rpm

Moment of inertia (J) : 5.75 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : B

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Performed by			Page	Revision
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Date	12/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

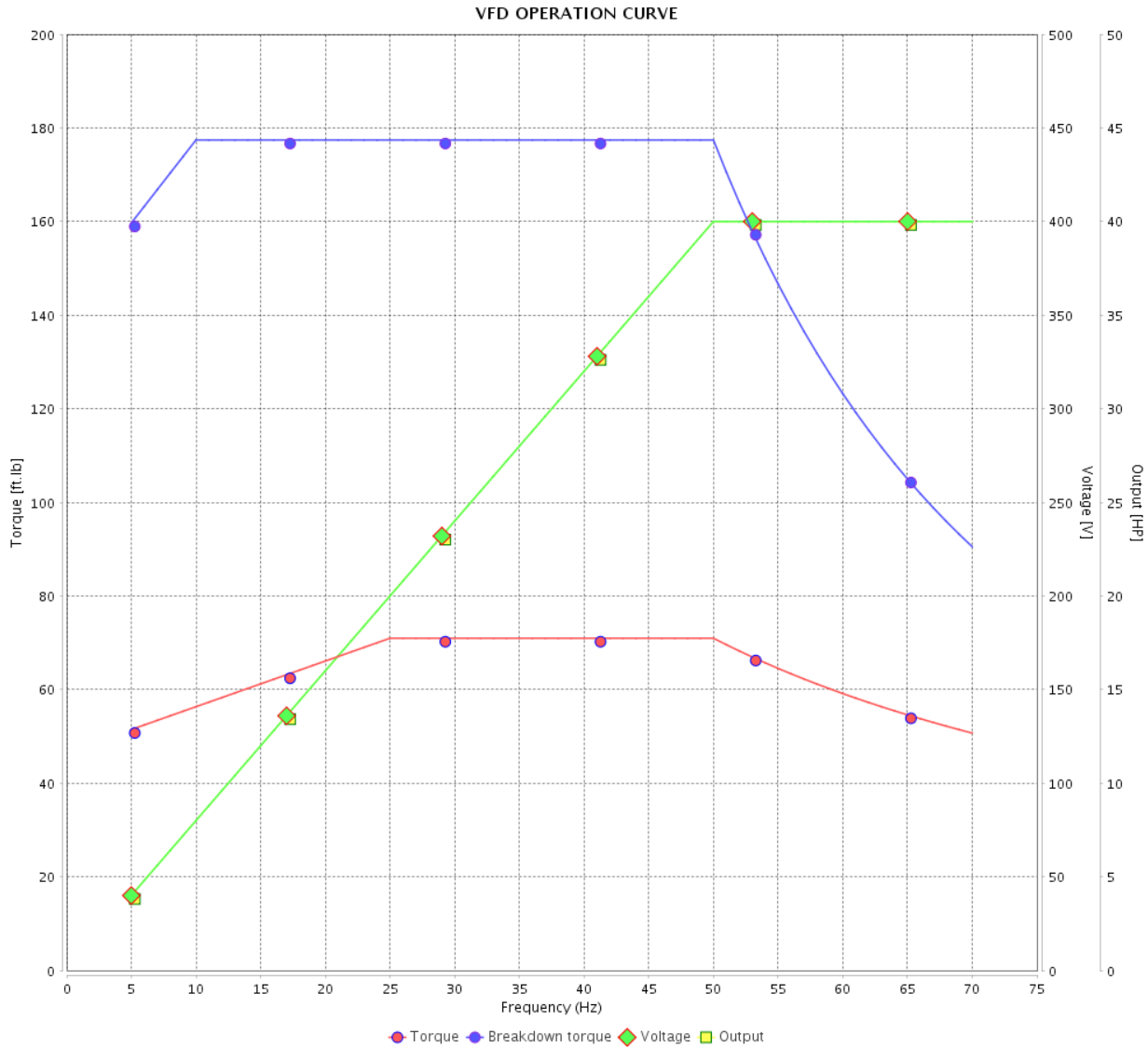


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11893637

Catalog # : 05036ST3QIE326TSC-W2



Performance : 400 V 50 Hz 2P IE3

Rated current	: 52.7 A	Moment of inertia (J)	: 5.75 sq.ft.lb
LRC	: 7.1	Duty cycle	: Cont.(S1)
Rated torque	: 71.0 ft.lb	Insulation class	: F
Locked rotor torque	: 260 %	Service factor	: 1.00
Breakdown torque	: 250 %	Temperature rise	: 80 K
Rated speed	: 2960 rpm	Design	: B

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

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

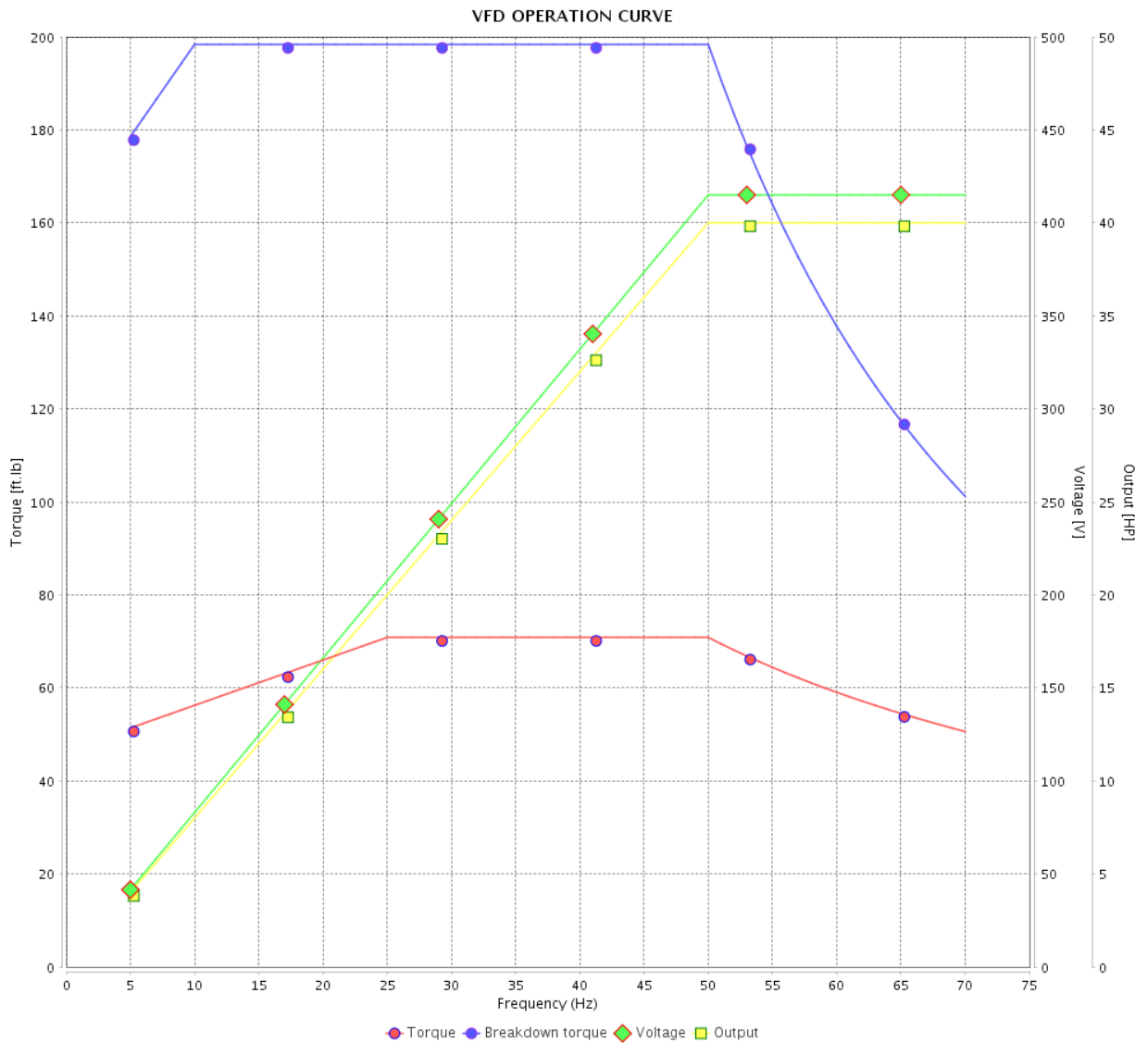


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11893637

Catalog # : 05036ST3QIE326TSC-W2



Performance : 415 V 50 Hz 2P IE3

Rated current : 51.4 A
 LRC : 7.2
 Rated torque : 70.8 ft.lb
 Locked rotor torque : 280 %
 Breakdown torque : 280 %
 Rated speed : 2965 rpm

Moment of inertia (J) : 5.75 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : B

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Date	12/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



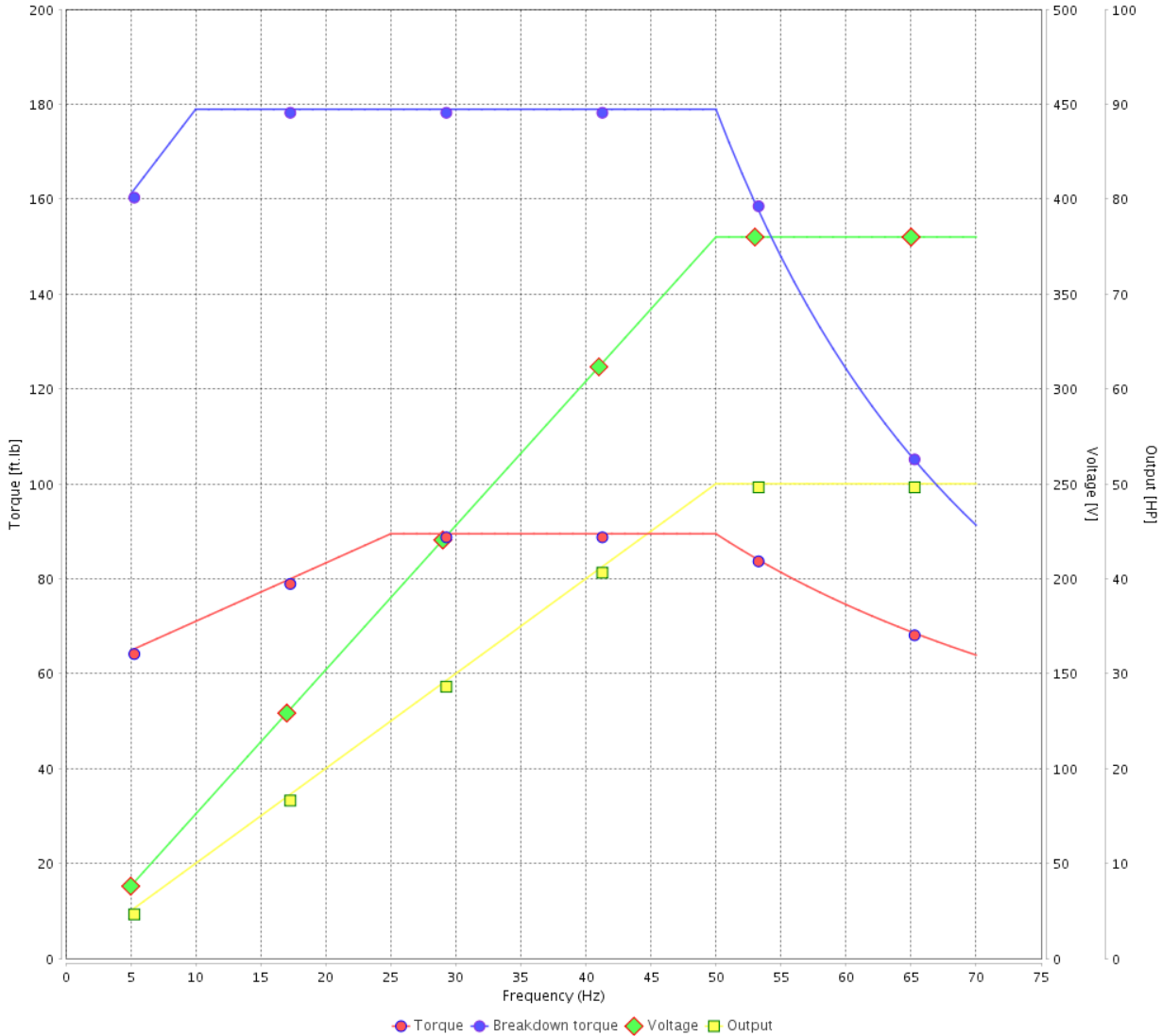
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11893637

Catalog # : 05036ST3QIE326TSC-W2

VFD OPERATION CURVE



Performance : 380 V 50 Hz 2P

Rated current : 69.4 A
 LRC : 5.2
 Rated torque : 89.5 ft.lb
 Locked rotor torque : 190 %
 Breakdown torque : 200 %
 Rated speed : 2935 rpm

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

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

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

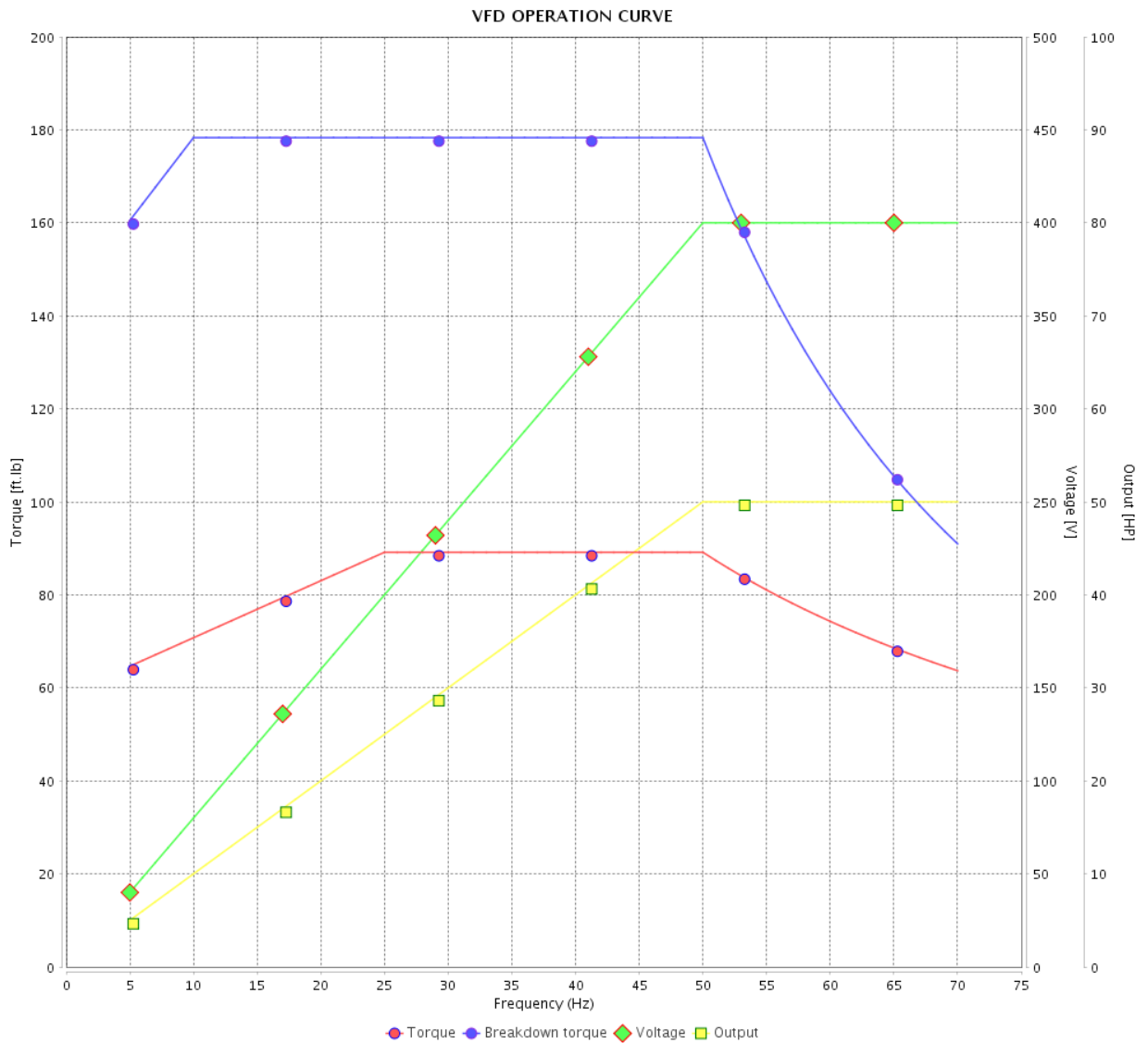


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11893637

Catalog # : 05036ST3QIE326TSC-W2



Performance : 400 V 50 Hz 2P IE1

Rated current : 65.4 A
 LRC : 5.6
 Rated torque : 89.2 ft.lb
 Locked rotor torque : 210 %
 Breakdown torque : 200 %
 Rated speed : 2945 rpm

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

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

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

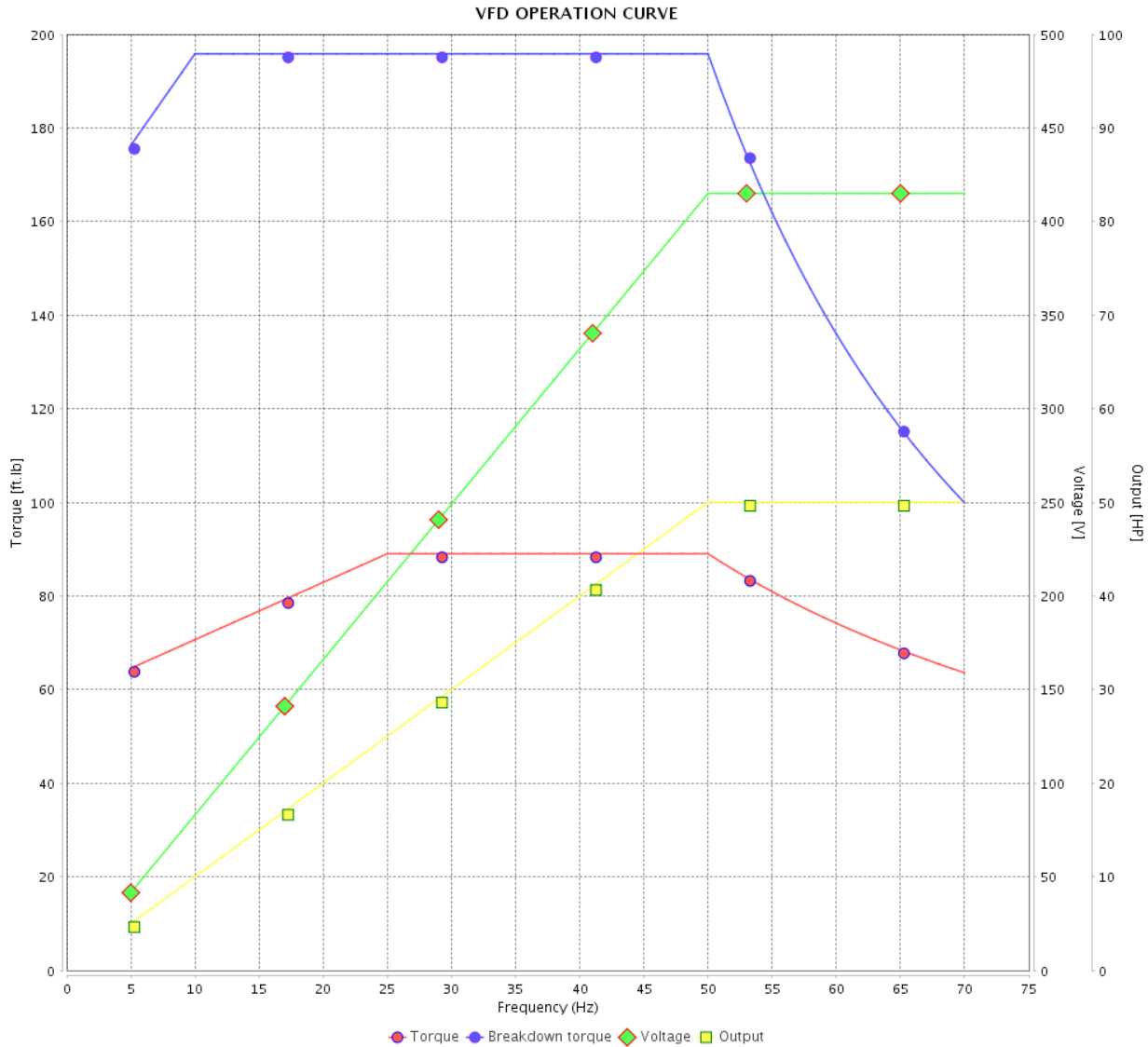


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11893637

Catalog # : 05036ST3QIE326TSC-W2



Performance : 415 V 50 Hz 2P IE1

Rated current : 63.3 A
 LRC : 6.2
 Rated torque : 89.0 ft.lb
 Locked rotor torque : 229 %
 Breakdown torque : 220 %
 Rated speed : 2950 rpm

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

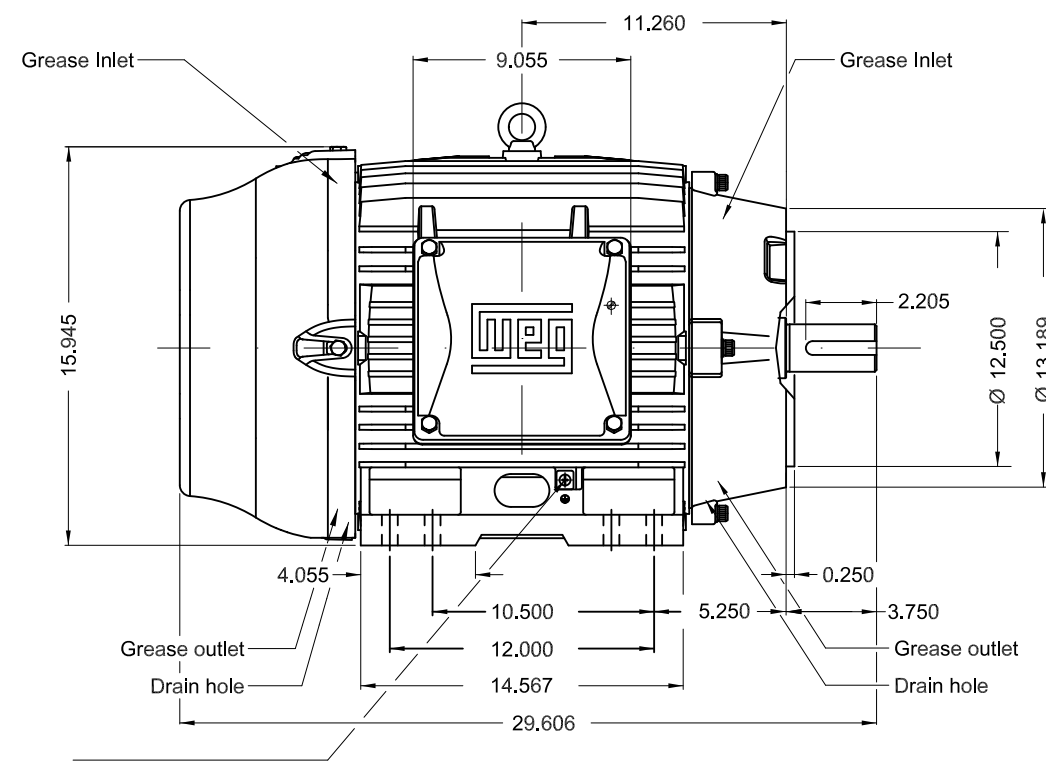
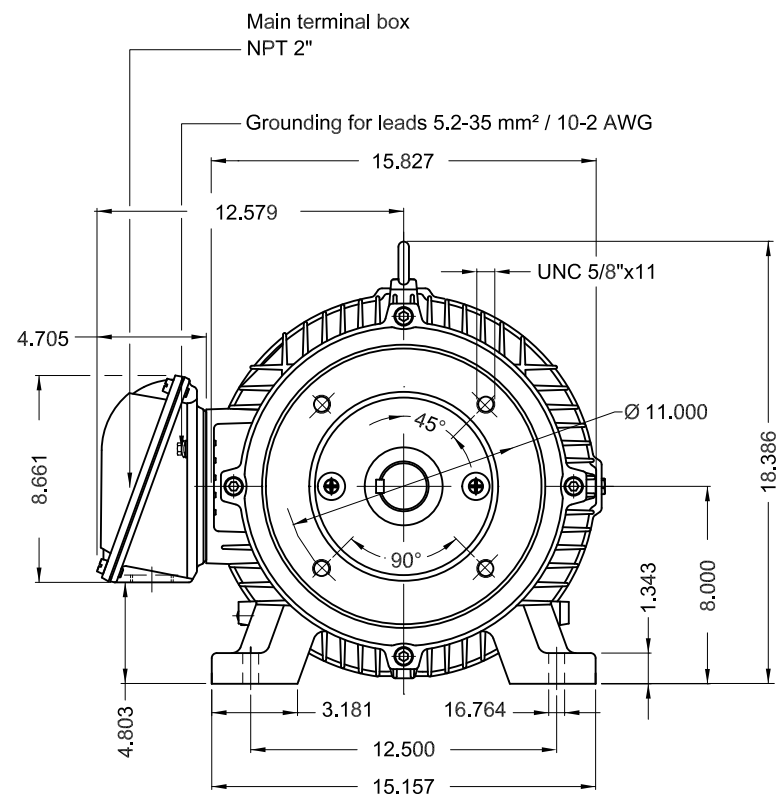
Rev.	Changes Summary	Performed	Checked	Date
Performed by		Page		Revision
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Date	12/04/2022			

1 2 3 4 5 6

A

B

C

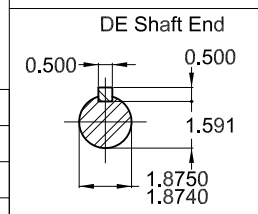


Grounding for leads 5.2-35 mm² / 10-2 AWG

D

E

Without vertical jackscrews
 Color RAL 5009
 Painting plan 202E
 Mounting B34R(D)



50 HP 02 Poles 60 Hz A

ECM	LOC	SUMMARY OF MODIFICATIONS	EXECUTED	CHECKED	RELEASED	DATE	VER
EXECUTED	PIRWBUSER	THREE PH. MOTOR IEEE 841 W22 PREM. EFF.					
CHECKED		FRAME 324/6TSC IP55 TEFC					
RELEASED							
REL DT.	WMO	Jaragua do Sul	Product Engineering	SHEET	1 / 1		

PREVIEW
 WDD





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

MODEL 05036ST3QIE326TSC-W2



Inverter Duty Motor
Severe Duty

MADE IN BRAZIL
11893637

PH3 60Hz Fr. 324/6TSC 1000m.a.s.l. IP55 TEFC 575lb

V 460

A 56.7

HP 50

kW 37

SF 1.25

SFA 70.9

RPM 3555

PF 0.88

AMB 40°C

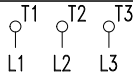
INS cl. F DT80K

NEMA NOM EFF 93.0%

DUTY CONT.

DES B Code G

GUARANT. EFF 91.7%



460V



→ 6312-C3 (21g) 60BC03X30

→ 6212-C3 (13g) 60BC02X30



MOBIL POLYREX EM (12000h)

