

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :								
Product line	: NEMA Premium Efficiency Three-Phase	Product code :	11432183					
		Catalog # :	25012ST3QIE449T-W22					
Frame	: 447/9T	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	: 2997 lb					
Protection degree	: IP55	Moment of inertia (J)	: 145 sq.ft.lb					
Design	: B							
Output [HP]	250	200	200	200	250	250	250	
Poles	6	6	6	6	6	6	6	
Frequency [Hz]	60	50	50	50	50	50	50	
Rated voltage [V]	460	380	400	415	380	400	415	
Rated current [A]	292	284	280	273	350	336	326	
L. R. Amperes [A]	1781	1732	1904	2020	1680	1848	1956	
LRC [A]	6.1x(Code G)	6.1x(Code G)	6.8x(Code H)	7.4x(Code J)	4.8x(Code D)	5.5x(Code F)	6.0x(Code G)	
No load current [A]	120	119	127	134	119	127	134	
Rated speed [RPM]	1185	980	980	985	980	980	985	
Slip [%]	1.25	2.00	2.00	1.50	2.00	2.00	1.50	
Rated torque [ft.lb]	1110	1070	1070	1070	1340	1340	1330	
Locked rotor torque [%]	240	220	260	280	180	210	229	
Breakdown torque [%]	240	240	260	280	190	210	229	
Service factor	1.15	1.15	1.15	1.15	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	21s (cold) 12s (hot)	18s (cold) 10s (hot)	18s (cold) 10s (hot)	18s (cold) 10s (hot)	18s (cold) 10s (hot)	18s (cold) 10s (hot)	18s (cold) 10s (hot)	
Noise level ²	70.0 dB(A)							
Efficiency (%)	25%	94.5	94.6	94.5	94.4	94.9	94.3	94.3
	50%	95.0	94.8	94.7	94.6	95.0	94.5	94.5
	75%	95.4	95.5	95.5	95.5	94.5	94.5	95.0
	100%	95.8	95.5	95.5	95.5	94.5	94.5	95.0
Power Factor	25%	0.43	0.42	0.40	0.36	0.49	0.46	0.43
	50%	0.68	0.68	0.65	0.61	0.74	0.71	0.68
	75%	0.79	0.79	0.77	0.74	0.83	0.81	0.79
	100%	0.83	0.84	0.81	0.80	0.85	0.84	0.83
Bearing type	: Drive end 6322 C3	: Non drive end 6319 C3	Foundation loads					
Sealing	: Inpro/Seal	: Inpro/Seal	Max. traction : 6674 lb					
Lubrication interval	: 11000 h	: 13000 h	Max. compression : 9671 lb					
Lubricant amount	: 60 g	: 45 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



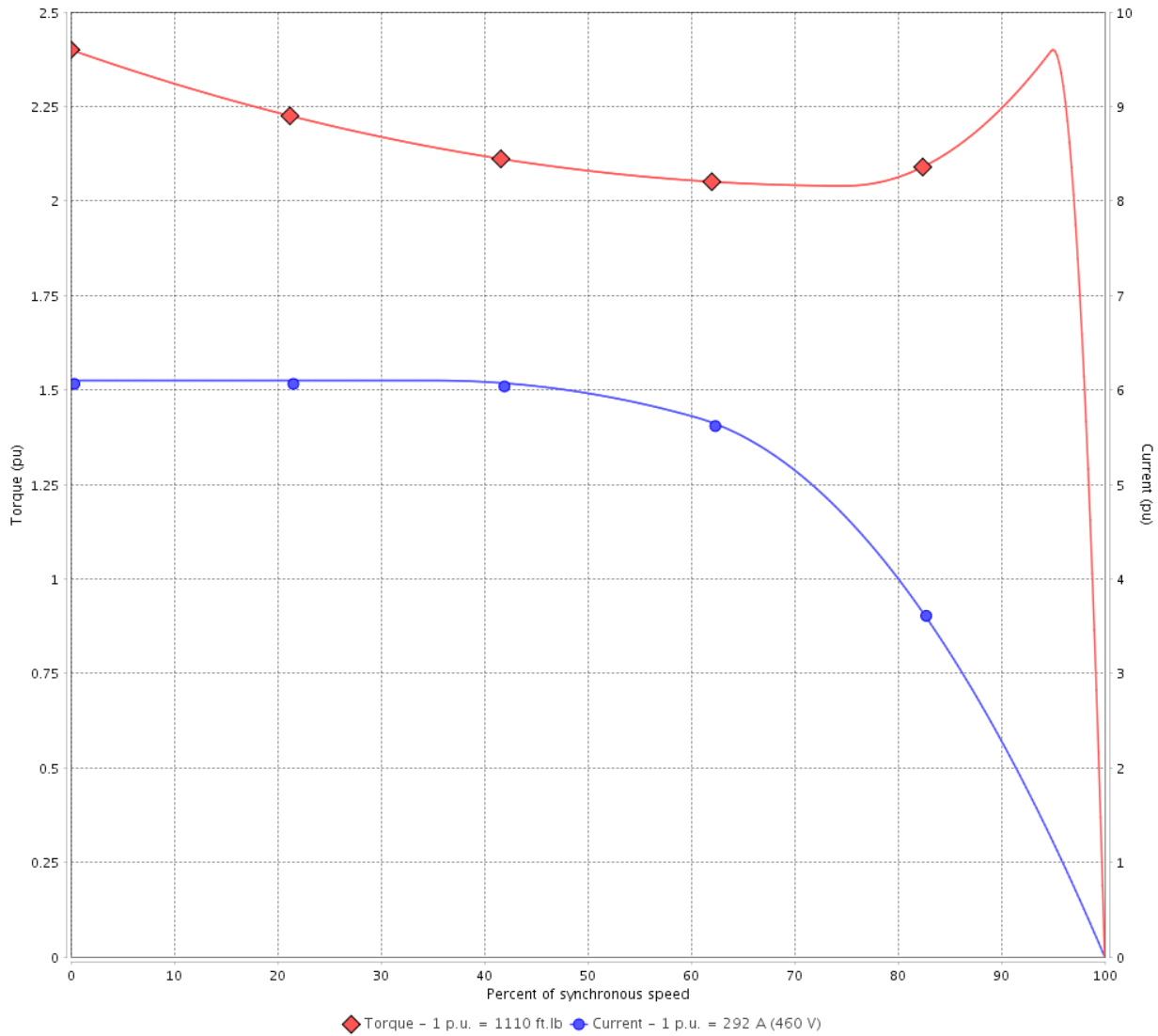
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11432183

Catalog # : 25012ST3QIE449T-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 460 V 60 Hz 6P

Rated current	: 292 A	Moment of inertia (J)	: 145 sq.ft.lb
LRC	: 6.1	Duty cycle	: Cont.(S1)
Rated torque	: 1110 ft.lb	Insulation class	: F
Locked rotor torque	: 240 %	Service factor	: 1.15
Breakdown torque	: 240 %	Temperature rise	: 80 K
Rated speed	: 1185 rpm	Design	: B

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

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TORQUE AND CURRENT VS SPEED CURVE



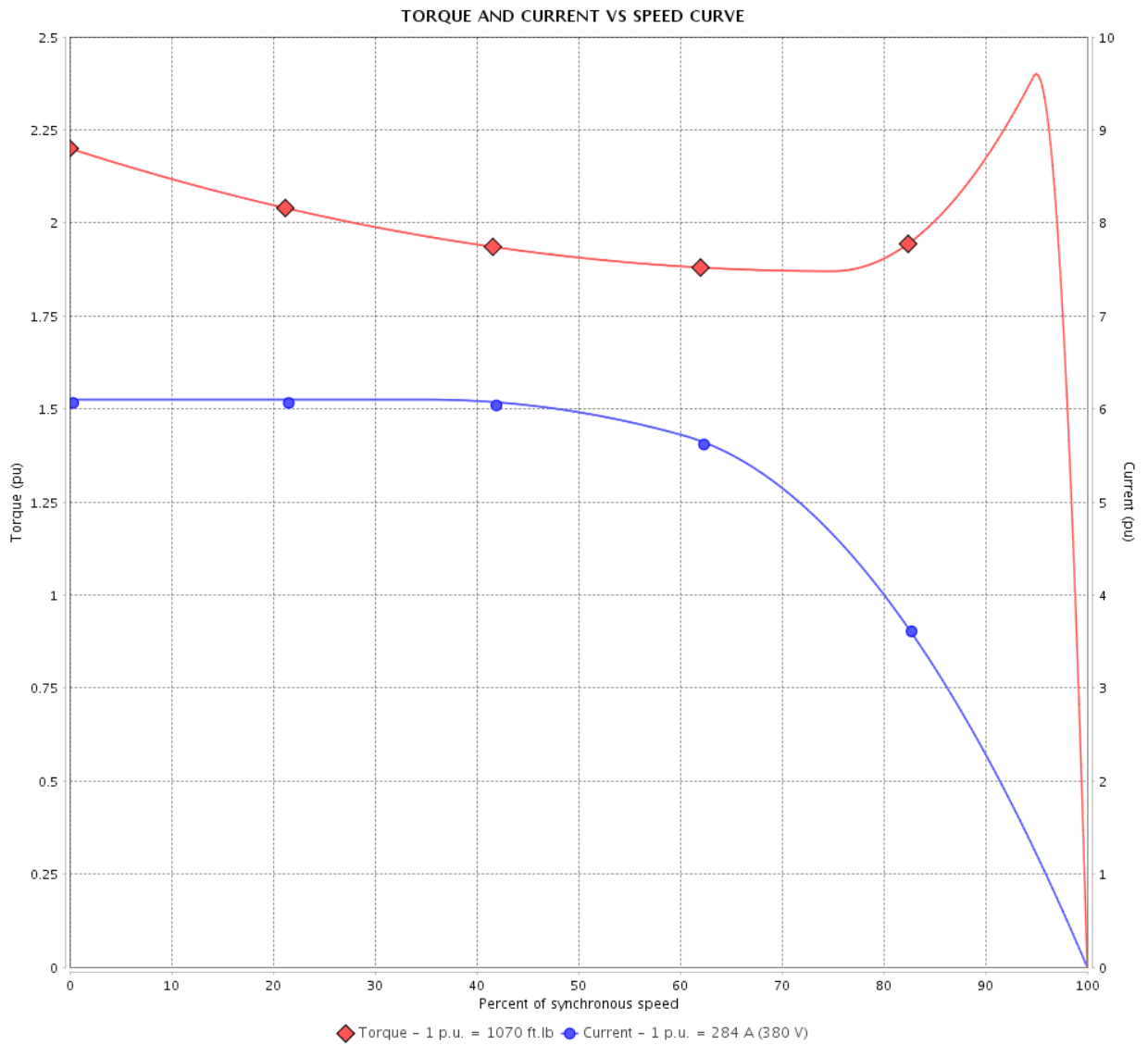
Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11432183

Catalog # : 25012ST3QIE449T-W22



Performance : 380 V 50 Hz 6P IE3

Rated current	: 284 A	Moment of inertia (J)	: 145 sq.ft.lb
LRC	: 6.1	Duty cycle	: Cont.(S1)
Rated torque	: 1070 ft.lb	Insulation class	: F
Locked rotor torque	: 220 %	Service factor	: 1.15
Breakdown torque	: 240 %	Temperature rise	: 80 K
Rated speed	: 980 rpm	Design	: B

Locked rotor time : 18s (cold) 10s (hot)

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



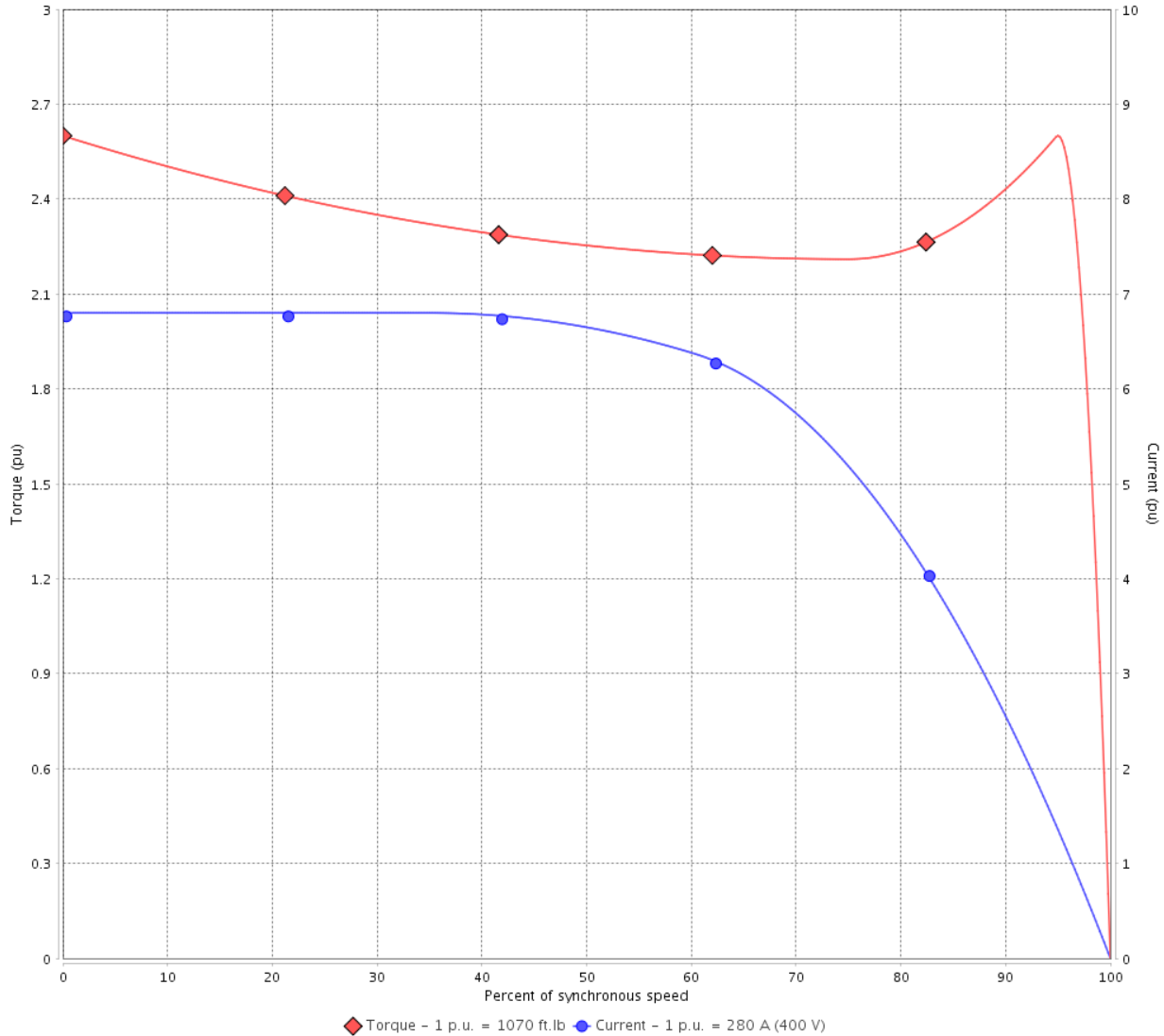
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11432183

Catalog # : 25012ST3QIE449T-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 400 V 50 Hz 6P IE3

Rated current	: 280 A	Moment of inertia (J)	: 145 sq.ft.lb
LRC	: 6.8	Duty cycle	: Cont.(S1)
Rated torque	: 1070 ft.lb	Insulation class	: F
Locked rotor torque	: 260 %	Service factor	: 1.15
Breakdown torque	: 260 %	Temperature rise	: 80 K
Rated speed	: 980 rpm	Design	: B

Locked rotor time : 18s (cold) 10s (hot)

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TORQUE AND CURRENT VS SPEED CURVE



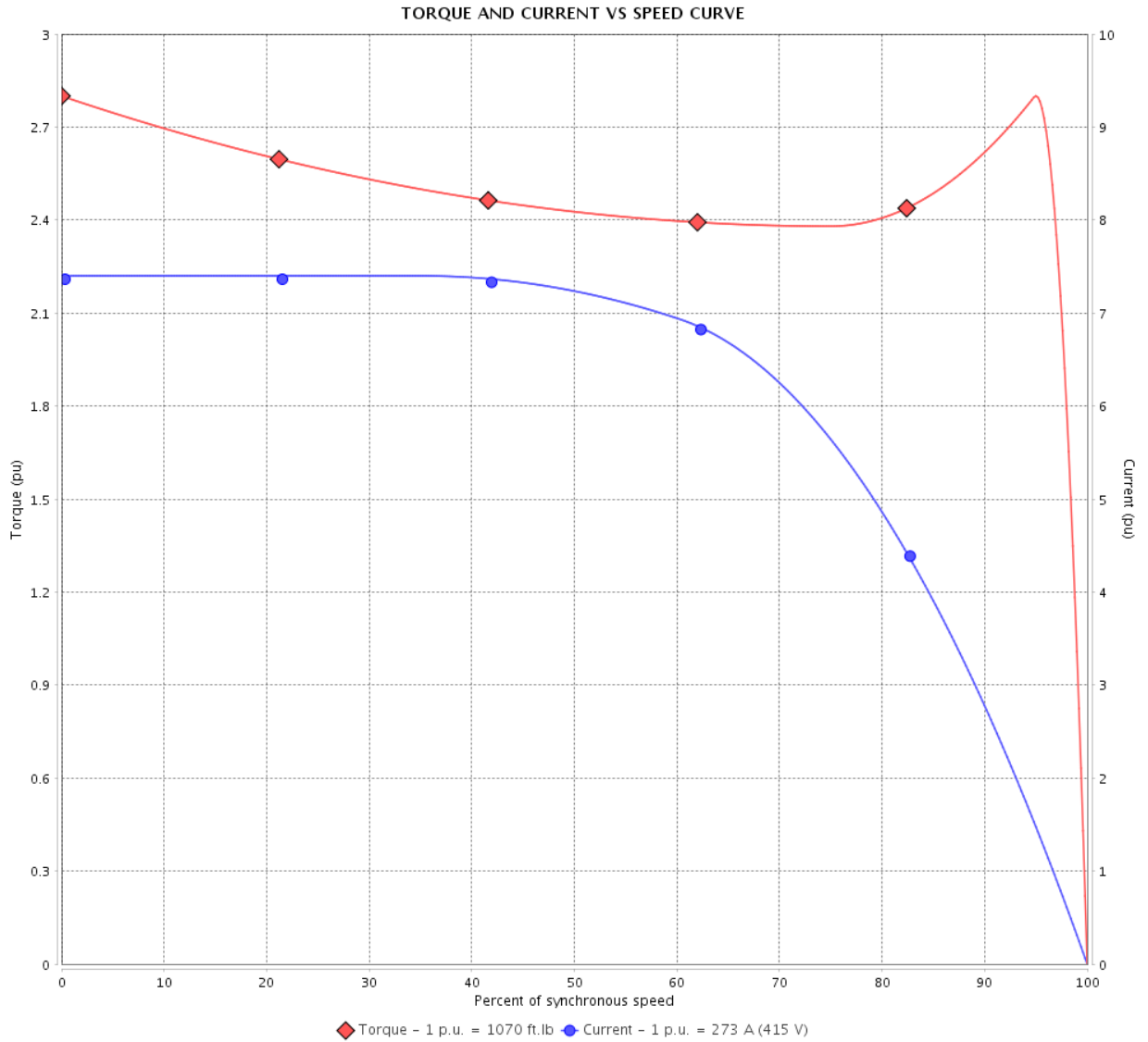
Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11432183

Catalog # : 25012ST3QIE449T-W22



Performance : 415 V 50 Hz 6P IE3

Rated current	: 273 A	Moment of inertia (J)	: 145 sq.ft.lb
LRC	: 7.4	Duty cycle	: Cont.(S1)
Rated torque	: 1070 ft.lb	Insulation class	: F
Locked rotor torque	: 280 %	Service factor	: 1.15
Breakdown torque	: 280 %	Temperature rise	: 80 K
Rated speed	: 985 rpm	Design	: B

Locked rotor time : 18s (cold) 10s (hot)

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage

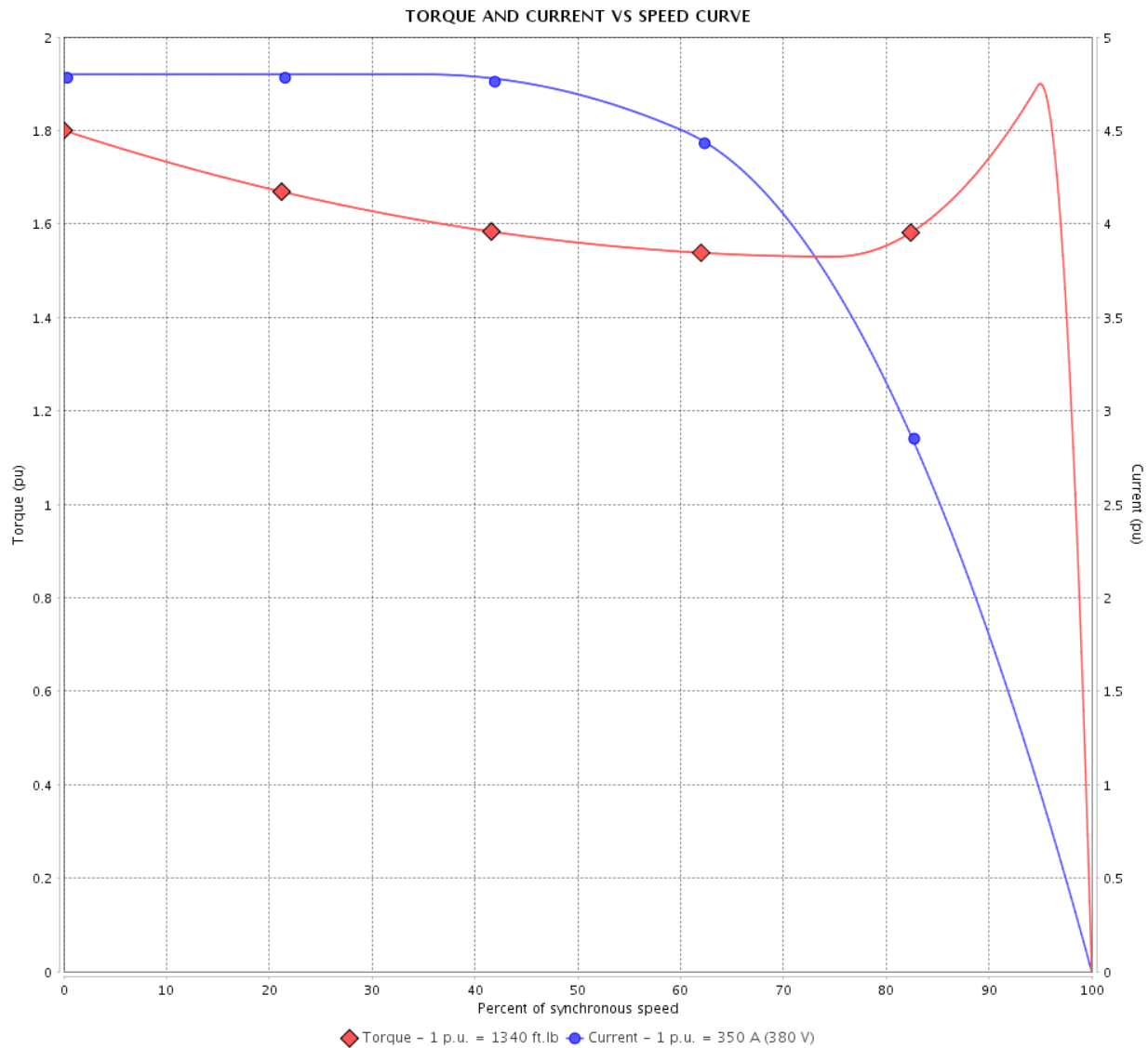


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11432183

Catalog # : 25012ST3QIE449T-W22



Performance : 380 V 50 Hz 6P IE1

Rated current	: 350 A	Moment of inertia (J)	: 145 sq.ft.lb
LRC	: 4.8	Duty cycle	: Cont.(S1)
Rated torque	: 1340 ft.lb	Insulation class	: F
Locked rotor torque	: 180 %	Service factor	: 1.00
Breakdown torque	: 190 %	Temperature rise	: 105 K
Rated speed	: 980 rpm	Design	: B

Locked rotor time : 18s (cold) 10s (hot)

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TORQUE AND CURRENT VS SPEED CURVE



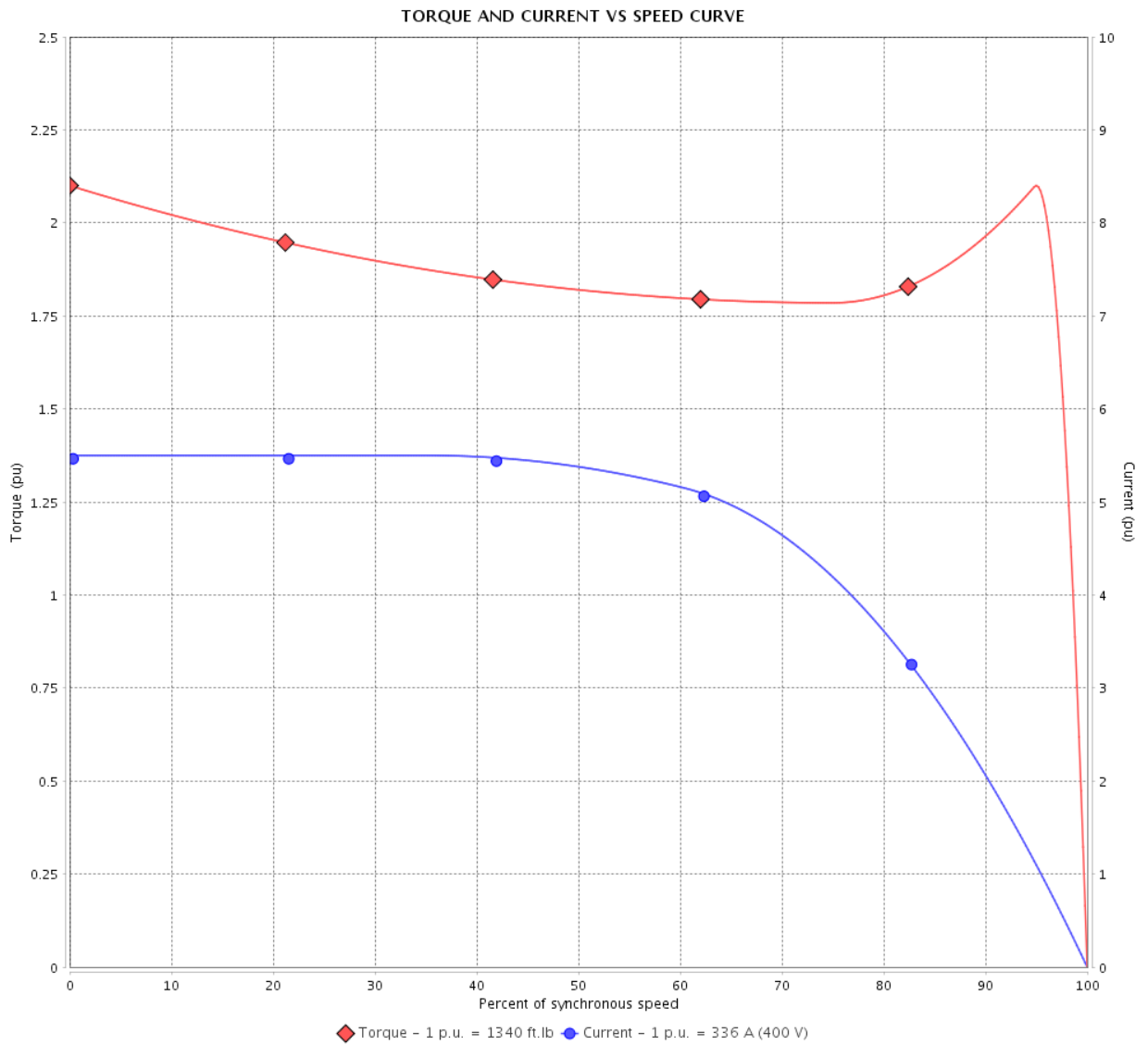
Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11432183

Catalog # : 25012ST3QIE449T-W22



Performance : 400 V 50 Hz 6P IE1

Rated current	: 336 A	Moment of inertia (J)	: 145 sq.ft.lb
LRC	: 5.5	Duty cycle	: Cont.(S1)
Rated torque	: 1340 ft.lb	Insulation class	: F
Locked rotor torque	: 210 %	Service factor	: 1.00
Breakdown torque	: 210 %	Temperature rise	: 105 K
Rated speed	: 980 rpm	Design	: B

Locked rotor time : 18s (cold) 10s (hot)

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



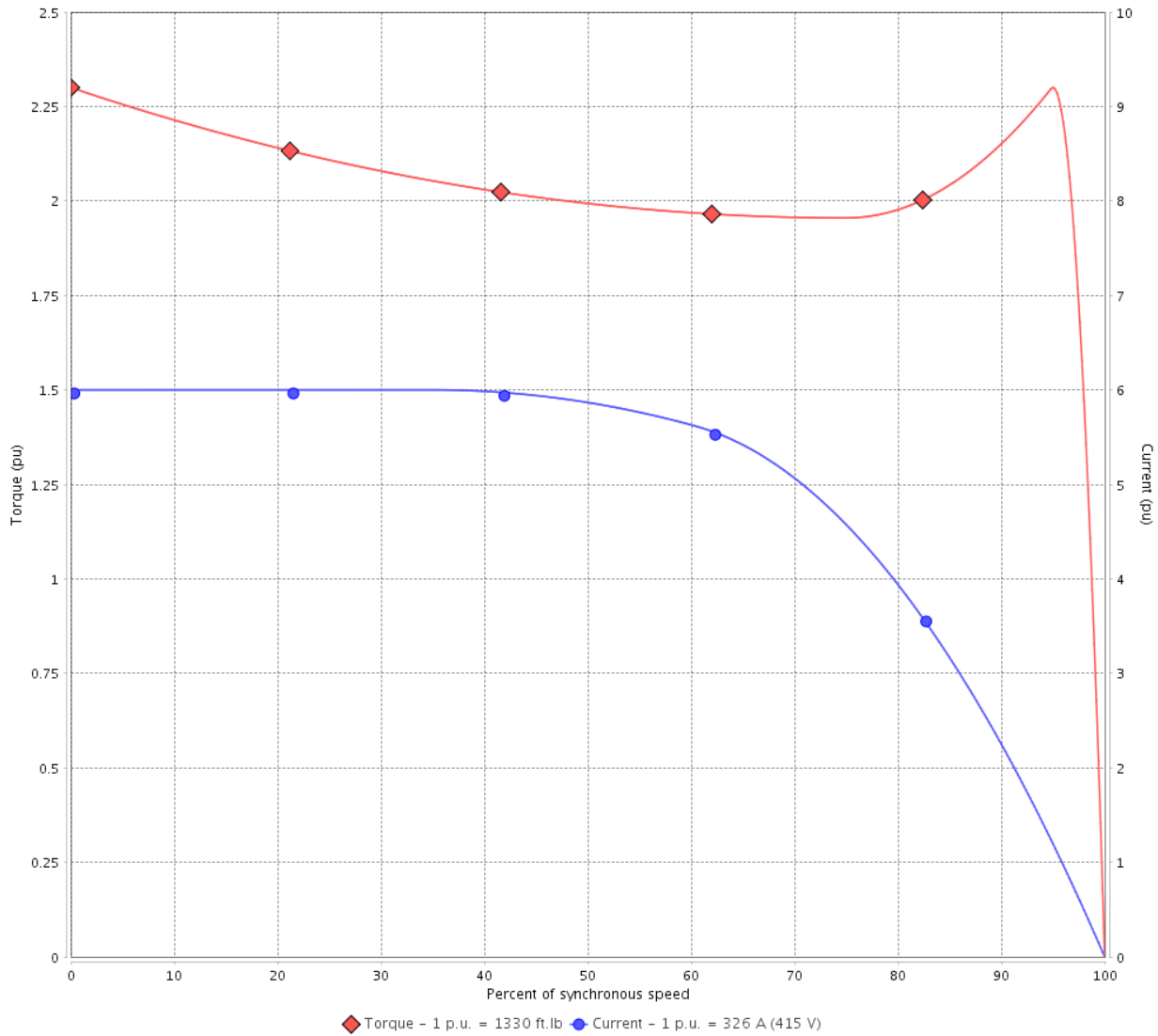
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11432183

Catalog # : 25012ST3QIE449T-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 415 V 50 Hz 6P IE2

Rated current	: 326 A	Moment of inertia (J)	: 145 sq.ft.lb
LRC	: 6.0	Duty cycle	: Cont.(S1)
Rated torque	: 1330 ft.lb	Insulation class	: F
Locked rotor torque	: 229 %	Service factor	: 1.00
Breakdown torque	: 229 %	Temperature rise	: 105 K
Rated speed	: 985 rpm	Design	: B

Locked rotor time : 18s (cold) 10s (hot)

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Three Phase Induction Motor - Squirrel Cage

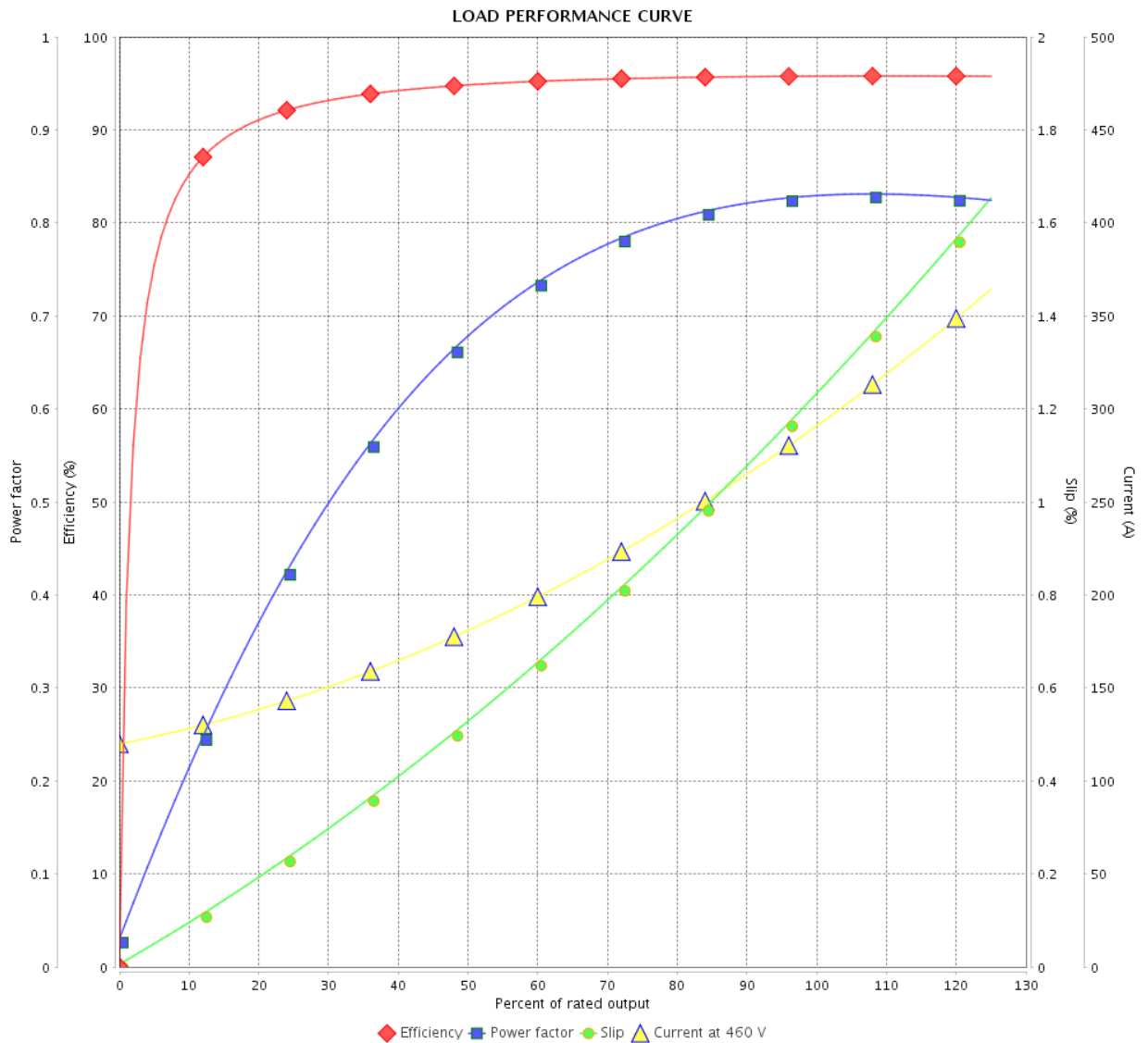


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11432183

Catalog # : 25012ST3QIE449T-W22



Performance : 460 V 60 Hz 6P

Rated current : 292 A
 LRC : 6.1
 Rated torque : 1110 ft.lb
 Locked rotor torque : 240 %
 Breakdown torque : 240 %
 Rated speed : 1185 rpm

Moment of inertia (J) : 145 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 Temperature rise : 80 K
 Design : B

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Three Phase Induction Motor - Squirrel Cage



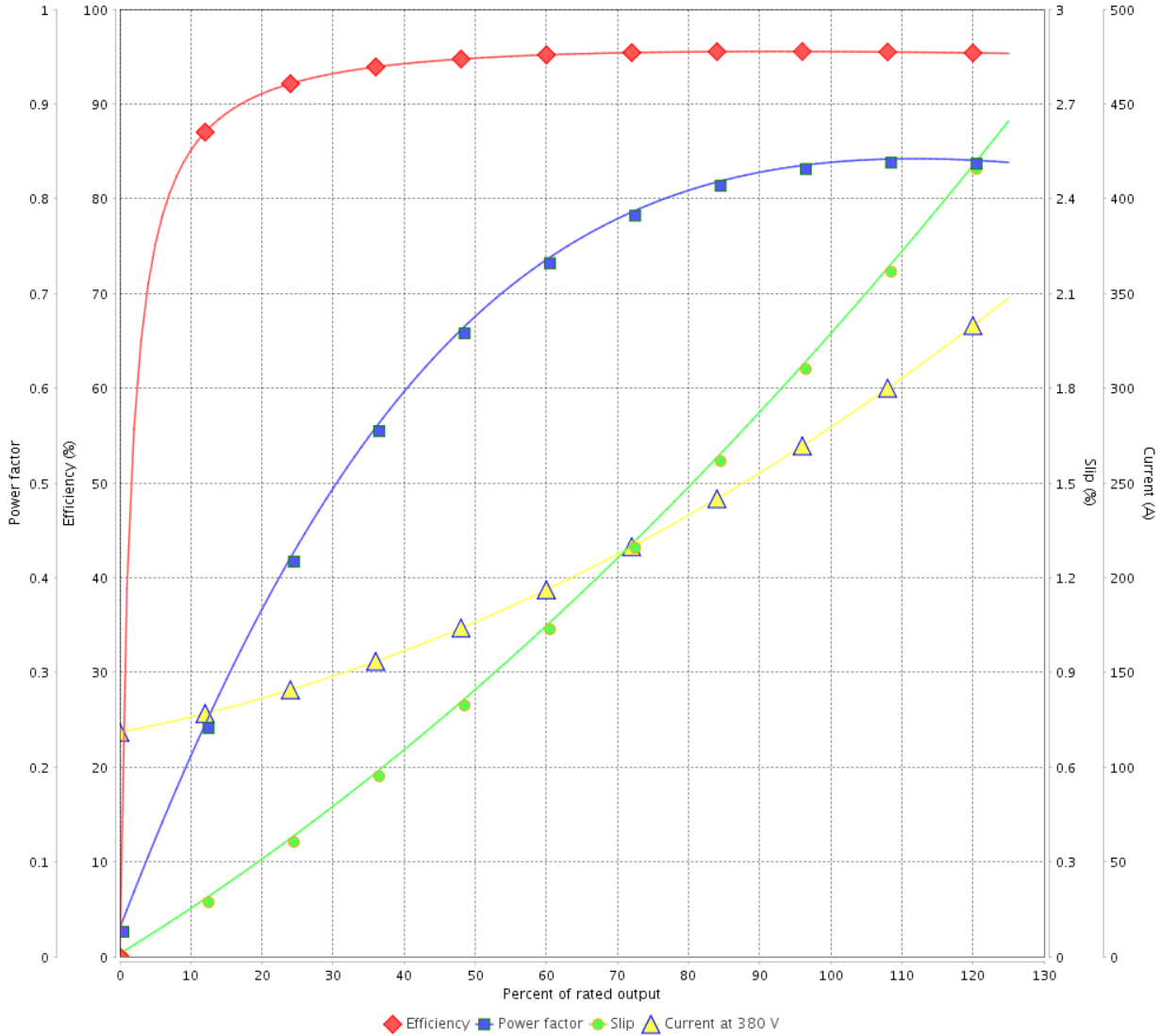
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11432183

Catalog # : 25012ST3QIE449T-W22

LOAD PERFORMANCE CURVE



Performance : 380 V 50 Hz 6P IE3

Rated current	: 284 A	Moment of inertia (J)	: 145 sq.ft.lb
LRC	: 6.1	Duty cycle	: Cont.(S1)
Rated torque	: 1070 ft.lb	Insulation class	: F
Locked rotor torque	: 220 %	Service factor	: 1.15
Breakdown torque	: 240 %	Temperature rise	: 80 K
Rated speed	: 980 rpm	Design	: B

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Three Phase Induction Motor - Squirrel Cage

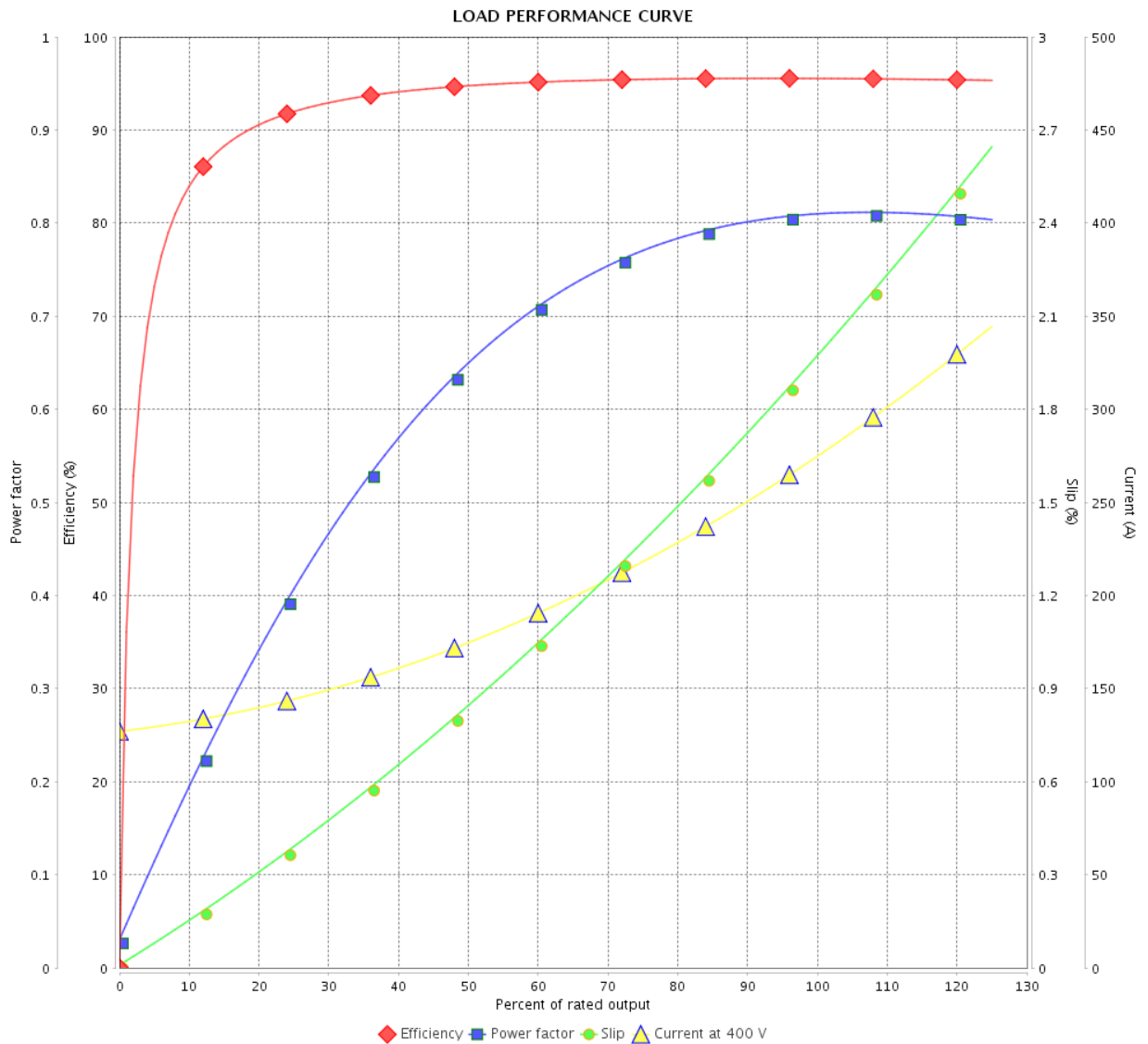


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11432183

Catalog # : 25012ST3QIE449T-W22



Performance : 400 V 50 Hz 6P IE3

Rated current : 280 A
 LRC : 6.8
 Rated torque : 1070 ft.lb
 Locked rotor torque : 260 %
 Breakdown torque : 260 %
 Rated speed : 980 rpm

Moment of inertia (J) : 145 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 Temperature rise : 80 K
 Design : B

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Three Phase Induction Motor - Squirrel Cage

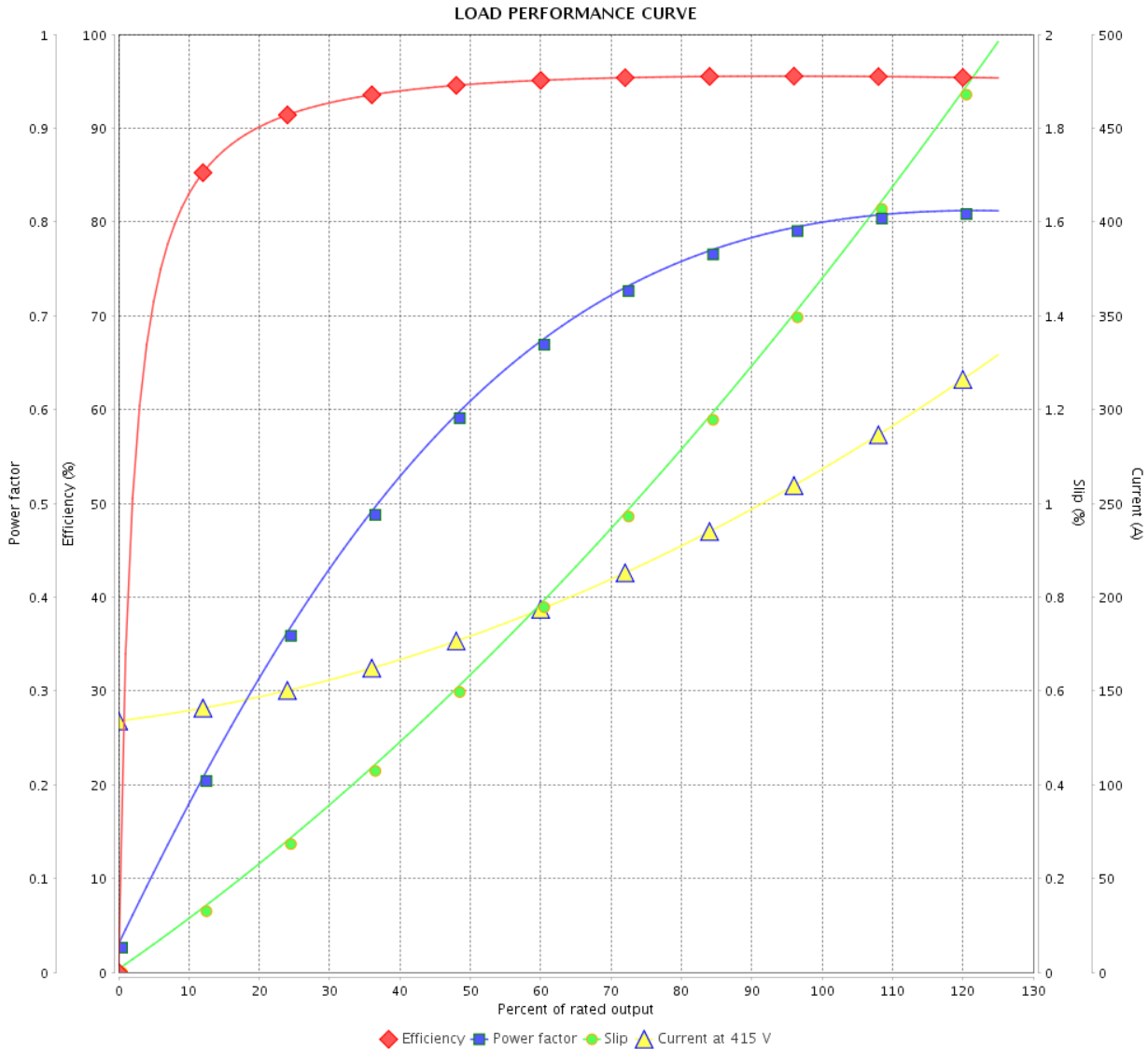


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11432183

Catalog # : 25012ST3QIE449T-W22



Performance : 415 V 50 Hz 6P IE3

Rated current	: 273 A	Moment of inertia (J)	: 145 sq.ft.lb
LRC	: 7.4	Duty cycle	: Cont.(S1)
Rated torque	: 1070 ft.lb	Insulation class	: F
Locked rotor torque	: 280 %	Service factor	: 1.15
Breakdown torque	: 280 %	Temperature rise	: 80 K
Rated speed	: 985 rpm	Design	: B

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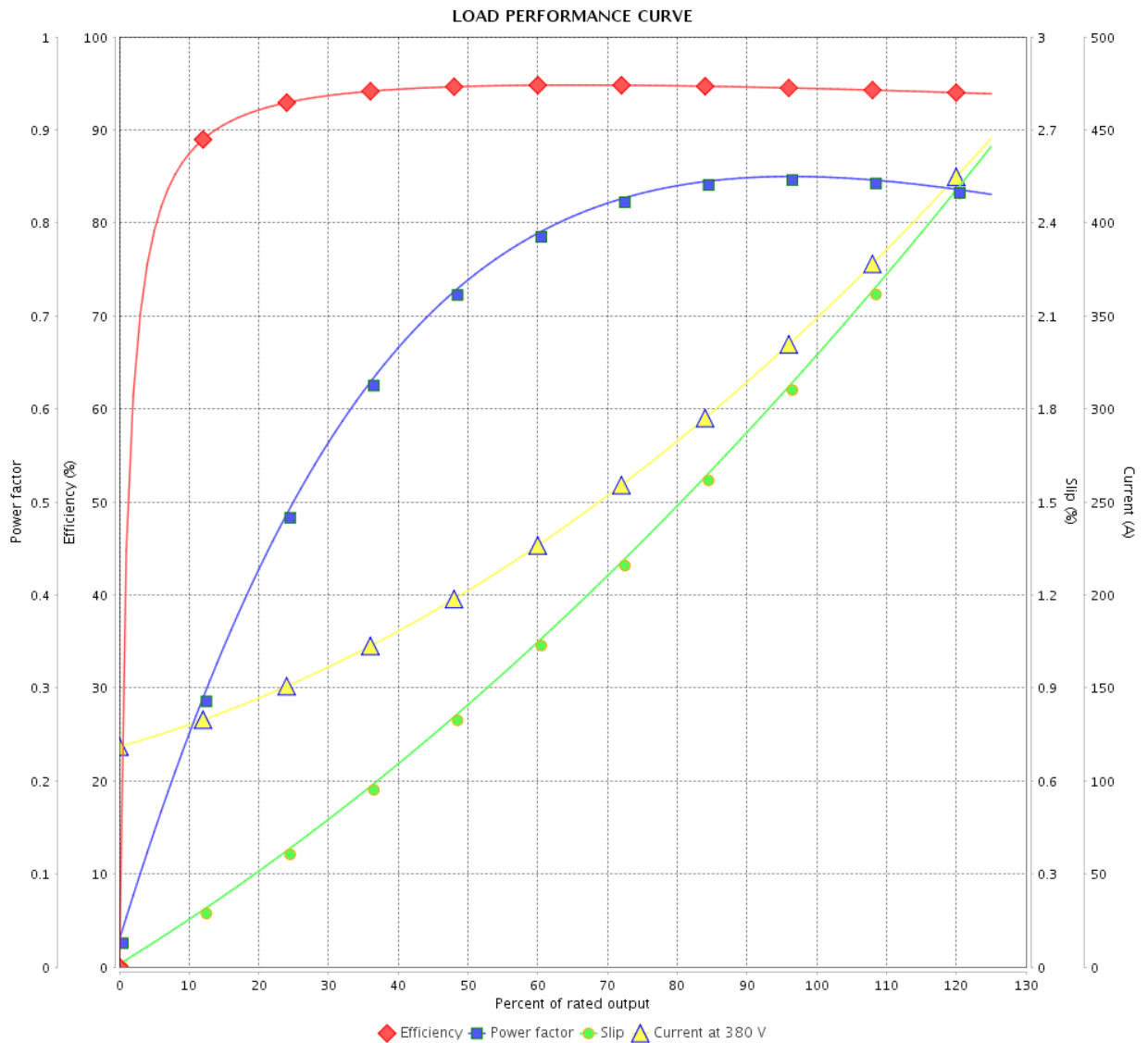


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11432183

Catalog # : 25012ST3QIE449T-W22



Performance : 380 V 50 Hz 6P IE1

Rated current : 350 A
 LRC : 4.8
 Rated torque : 1340 ft.lb
 Locked rotor torque : 180 %
 Breakdown torque : 190 %
 Rated speed : 980 rpm

Moment of inertia (J) : 145 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 105 K
 Design : B

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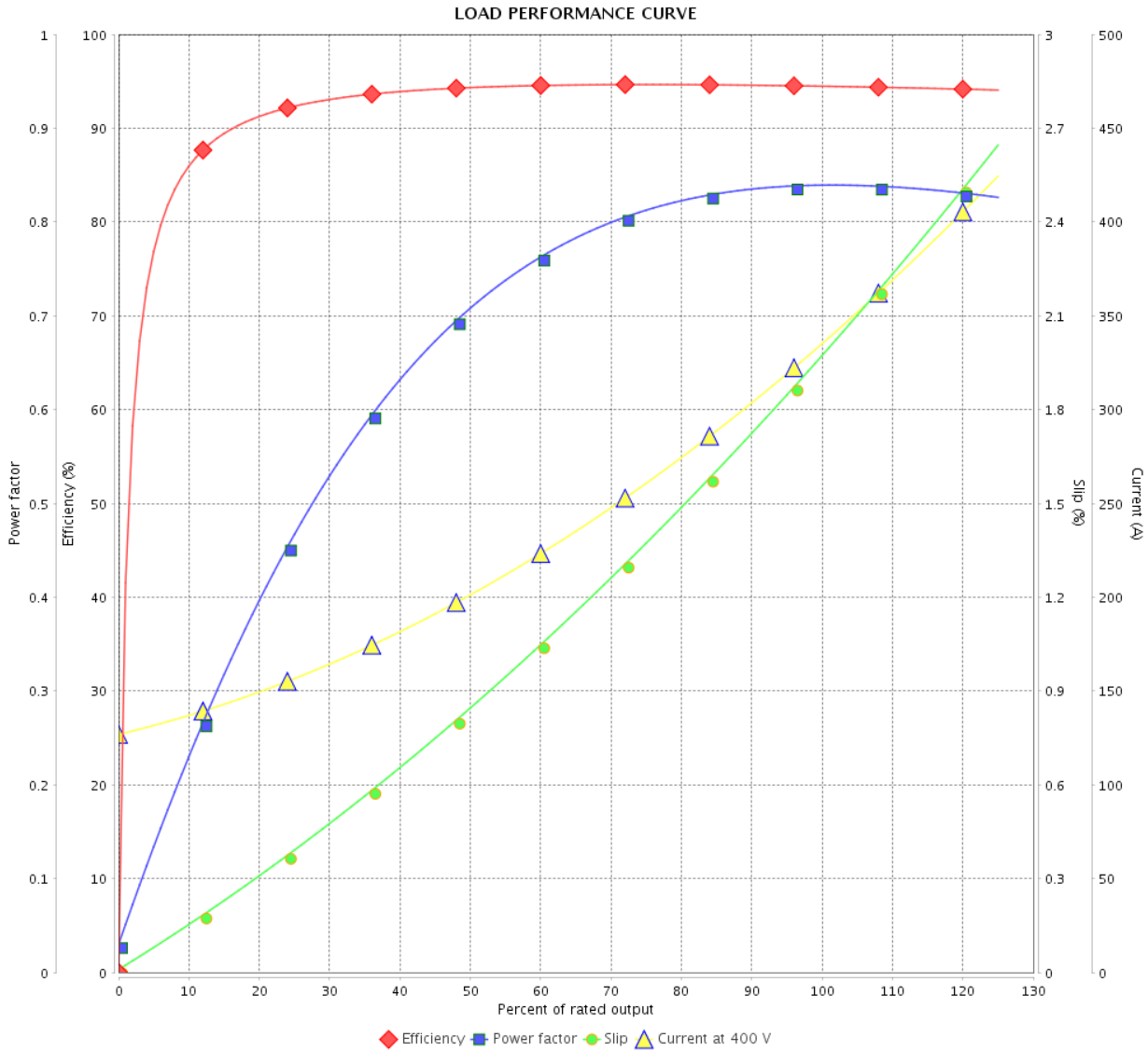


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11432183

Catalog # : 25012ST3QIE449T-W22



Performance : 400 V 50 Hz 6P IE1

Rated current	: 336 A	Moment of inertia (J)	: 145 sq.ft.lb
LRC	: 5.5	Duty cycle	: Cont.(S1)
Rated torque	: 1340 ft.lb	Insulation class	: F
Locked rotor torque	: 210 %	Service factor	: 1.00
Breakdown torque	: 210 %	Temperature rise	: 105 K
Rated speed	: 980 rpm	Design	: B

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Three Phase Induction Motor - Squirrel Cage

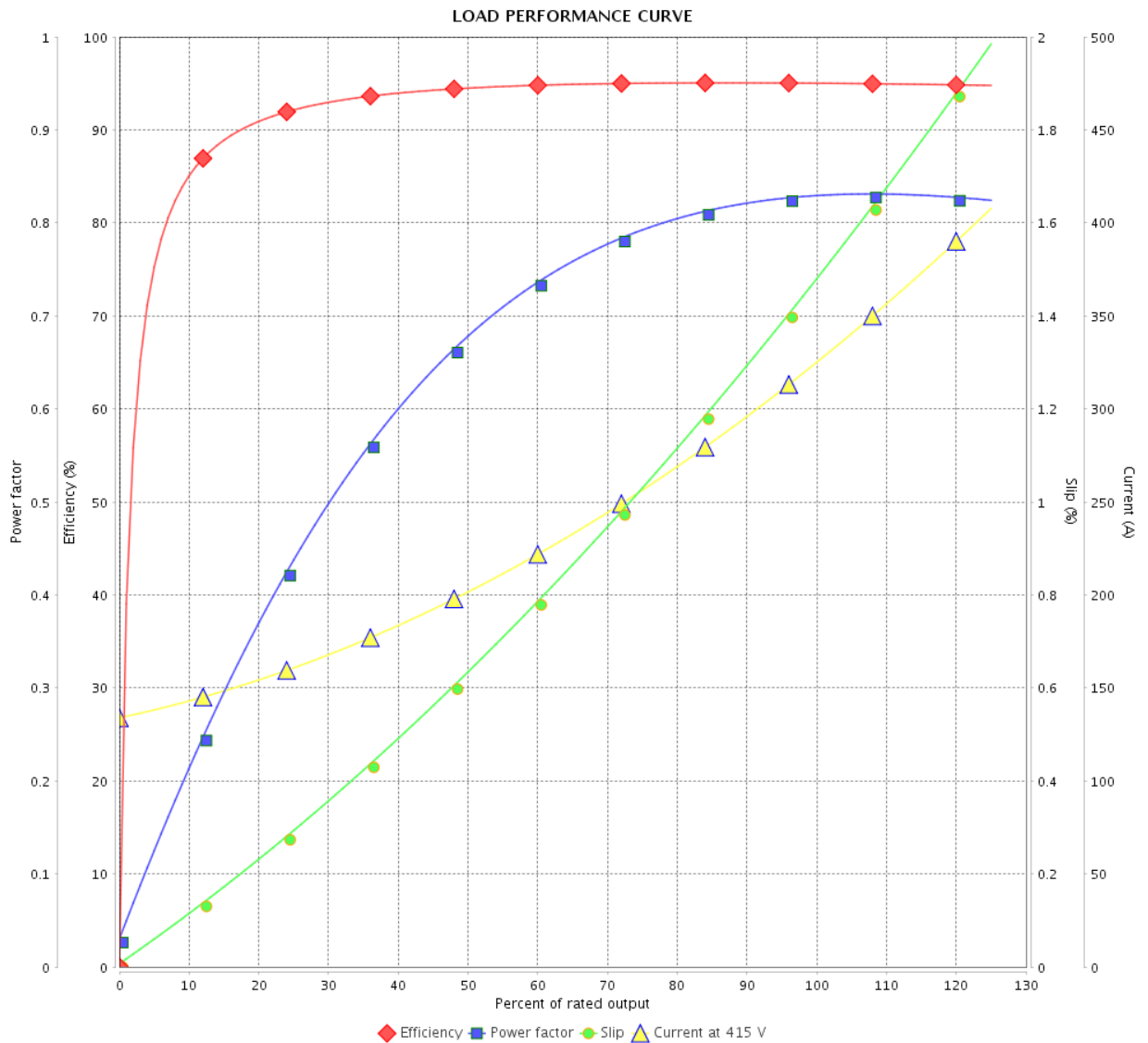


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11432183

Catalog # : 25012ST3QIE449T-W22



Performance : 415 V 50 Hz 6P IE2

Rated current : 326 A
 LRC : 6.0
 Rated torque : 1330 ft.lb
 Locked rotor torque : 229 %
 Breakdown torque : 229 %
 Rated speed : 985 rpm

Moment of inertia (J) : 145 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 105 K
 Design : B

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THERMAL LIMIT CURVE



Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase
Product code : 11432183
Catalog # : 25012ST3QIE449T-W22

Performance : 460 V 60 Hz 6P

Rated current	: 292 A	Moment of inertia (J)	: 145 sq.ft.lb
LRC	: 6.1	Duty cycle	: Cont.(S1)
Rated torque	: 1110 ft.lb	Insulation class	: F
Locked rotor torque	: 240 %	Service factor	: 1.15
Breakdown torque	: 240 %	Temperature rise	: 80 K
Rated speed	: 1185 rpm	Design	: B

Heating constant

Cooling constant

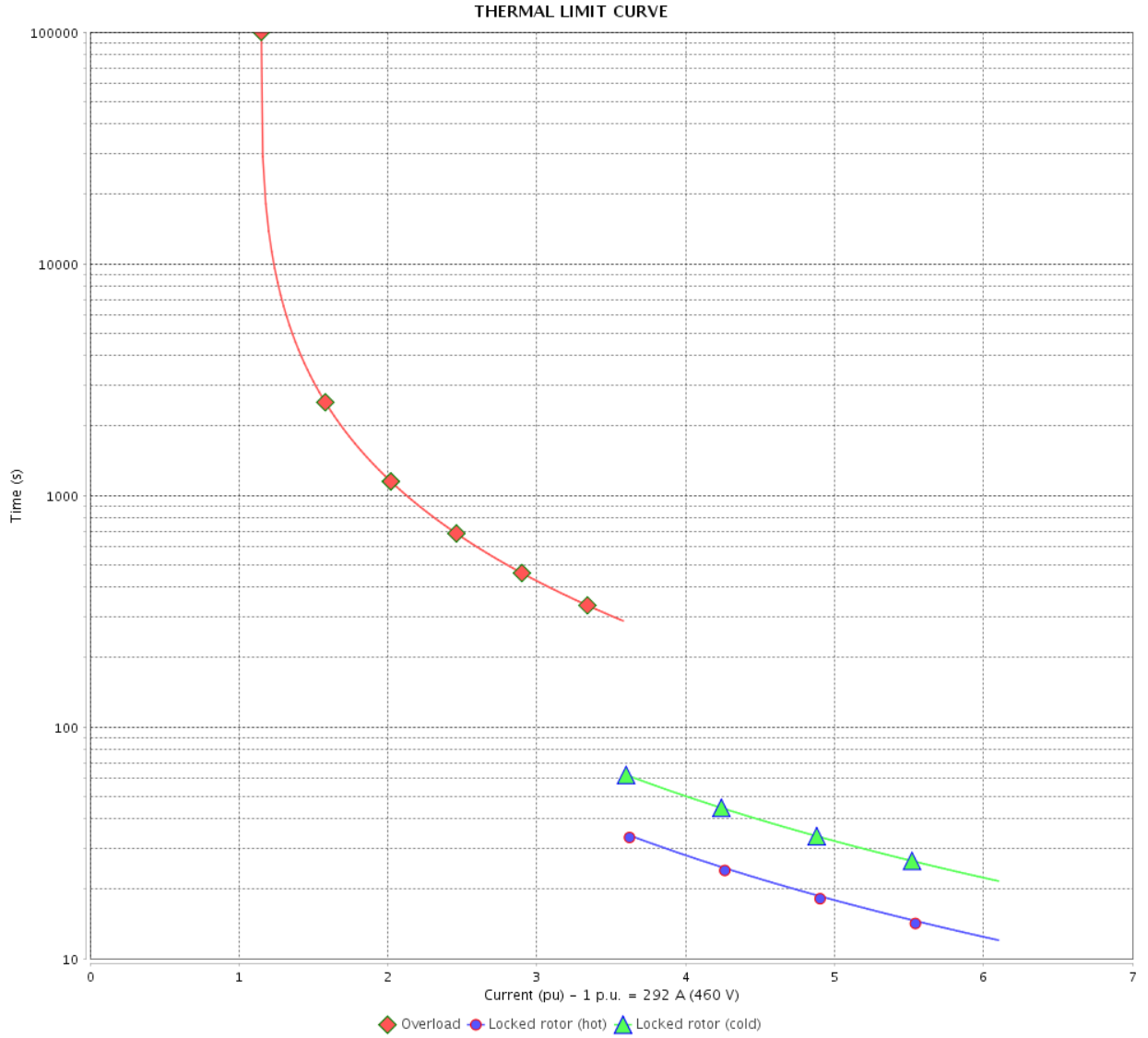
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Three Phase Induction Motor - Squirrel Cage



Customer : _____



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THERMAL LIMIT CURVE



Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase
Product code : 11432183
Catalog # : 25012ST3QIE449T-W22

Performance : 380 V 50 Hz 6P IE3

Rated current	: 284 A	Moment of inertia (J)	: 145 sq.ft.lb
LRC	: 6.1	Duty cycle	: Cont.(S1)
Rated torque	: 1070 ft.lb	Insulation class	: F
Locked rotor torque	: 220 %	Service factor	: 1.15
Breakdown torque	: 240 %	Temperature rise	: 80 K
Rated speed	: 980 rpm	Design	: B

Heating constant

Cooling constant

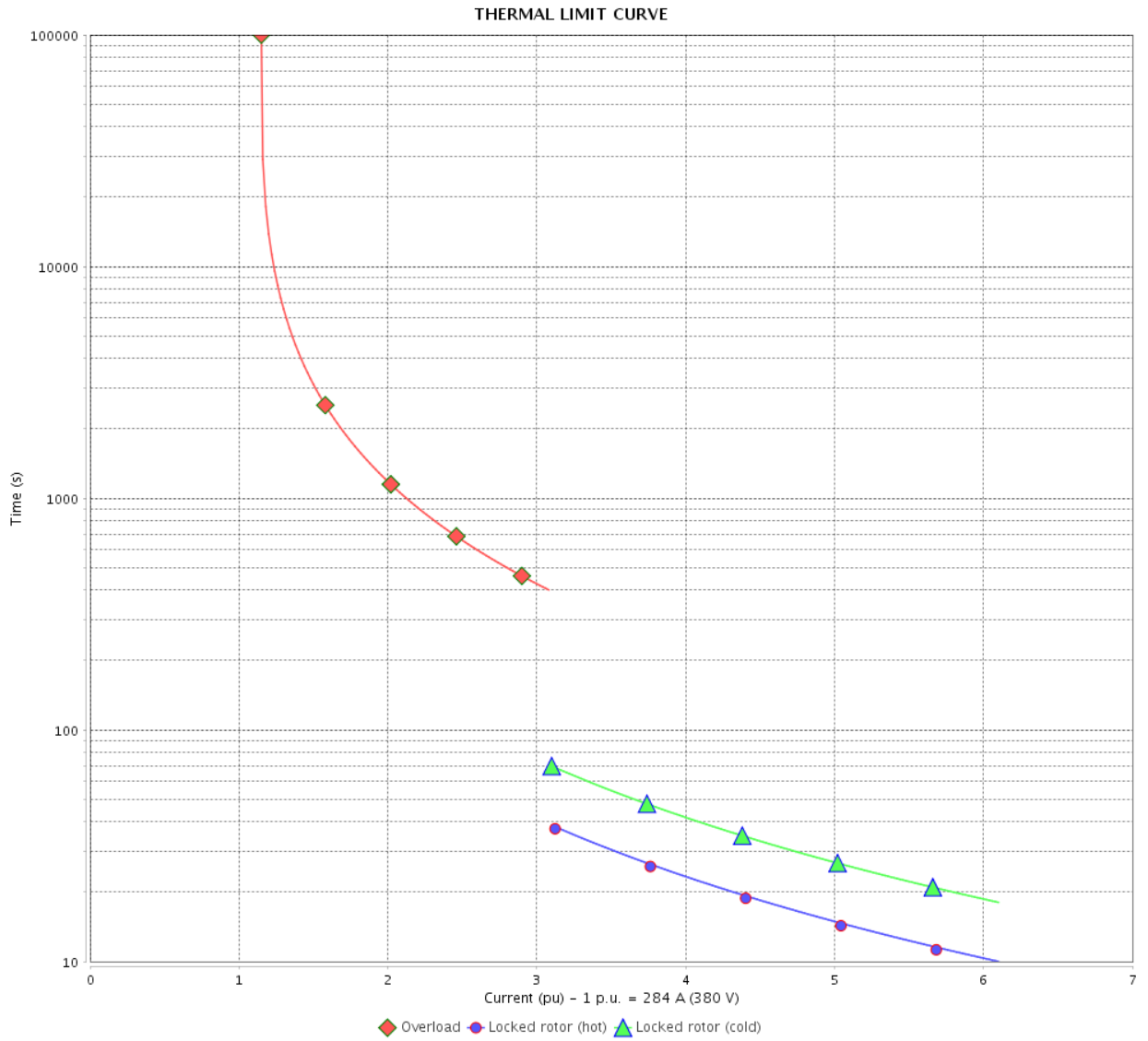
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Three Phase Induction Motor - Squirrel Cage



Customer : _____



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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11432183

Catalog # : 25012ST3QIE449T-W22

Performance : 400 V 50 Hz 6P IE3

Rated current	: 280 A	Moment of inertia (J)	: 145 sq.ft.lb
LRC	: 6.8	Duty cycle	: Cont.(S1)
Rated torque	: 1070 ft.lb	Insulation class	: F
Locked rotor torque	: 260 %	Service factor	: 1.15
Breakdown torque	: 260 %	Temperature rise	: 80 K
Rated speed	: 980 rpm	Design	: B

Heating constant

Cooling constant

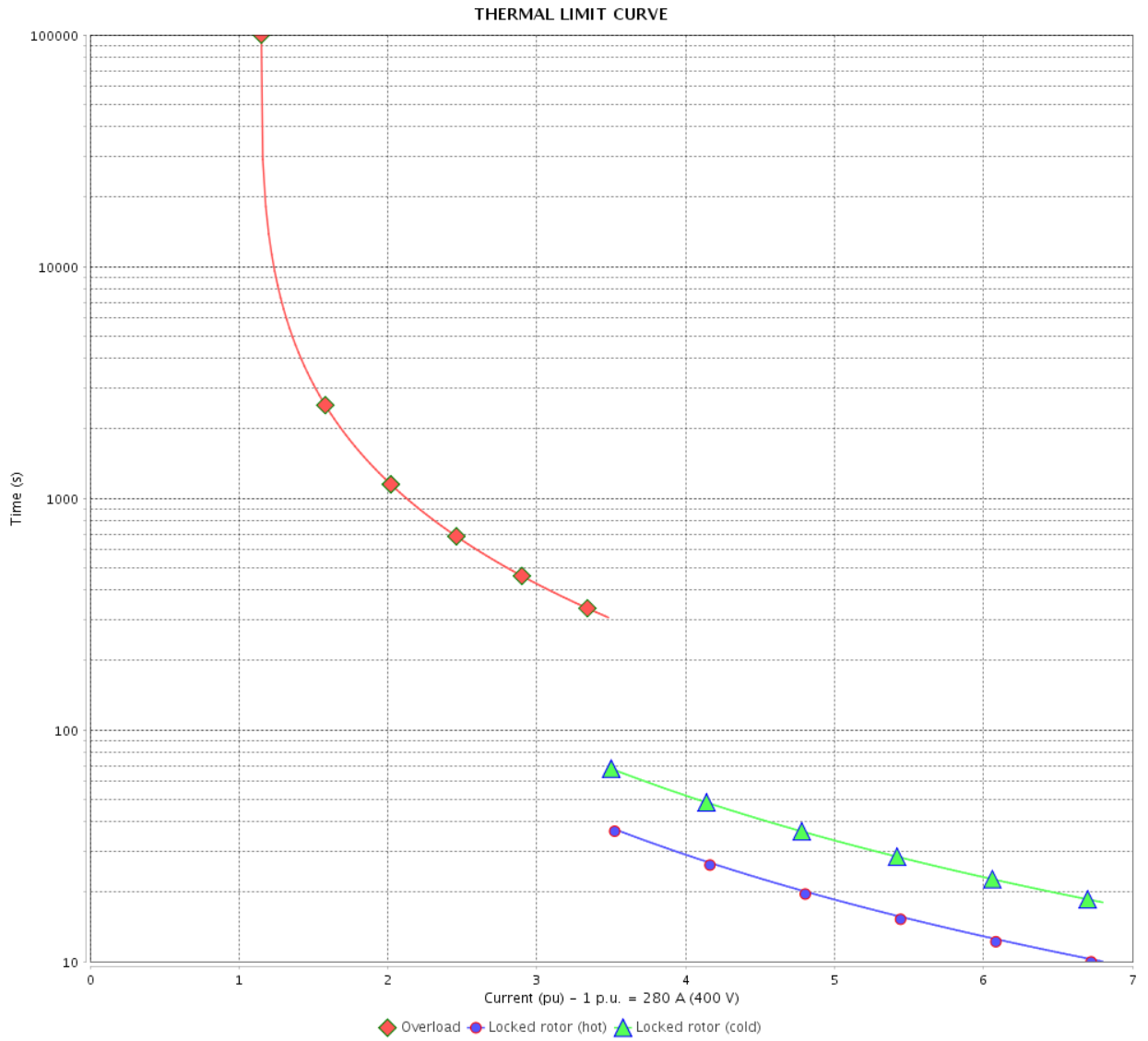
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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____



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THERMAL LIMIT CURVE



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Product code : 11432183
Catalog # : 25012ST3QIE449T-W22

Performance : 415 V 50 Hz 6P IE3

Rated current	: 273 A	Moment of inertia (J)	: 145 sq.ft.lb
LRC	: 7.4	Duty cycle	: Cont.(S1)
Rated torque	: 1070 ft.lb	Insulation class	: F
Locked rotor torque	: 280 %	Service factor	: 1.15
Breakdown torque	: 280 %	Temperature rise	: 80 K
Rated speed	: 985 rpm	Design	: B

Heating constant

Cooling constant

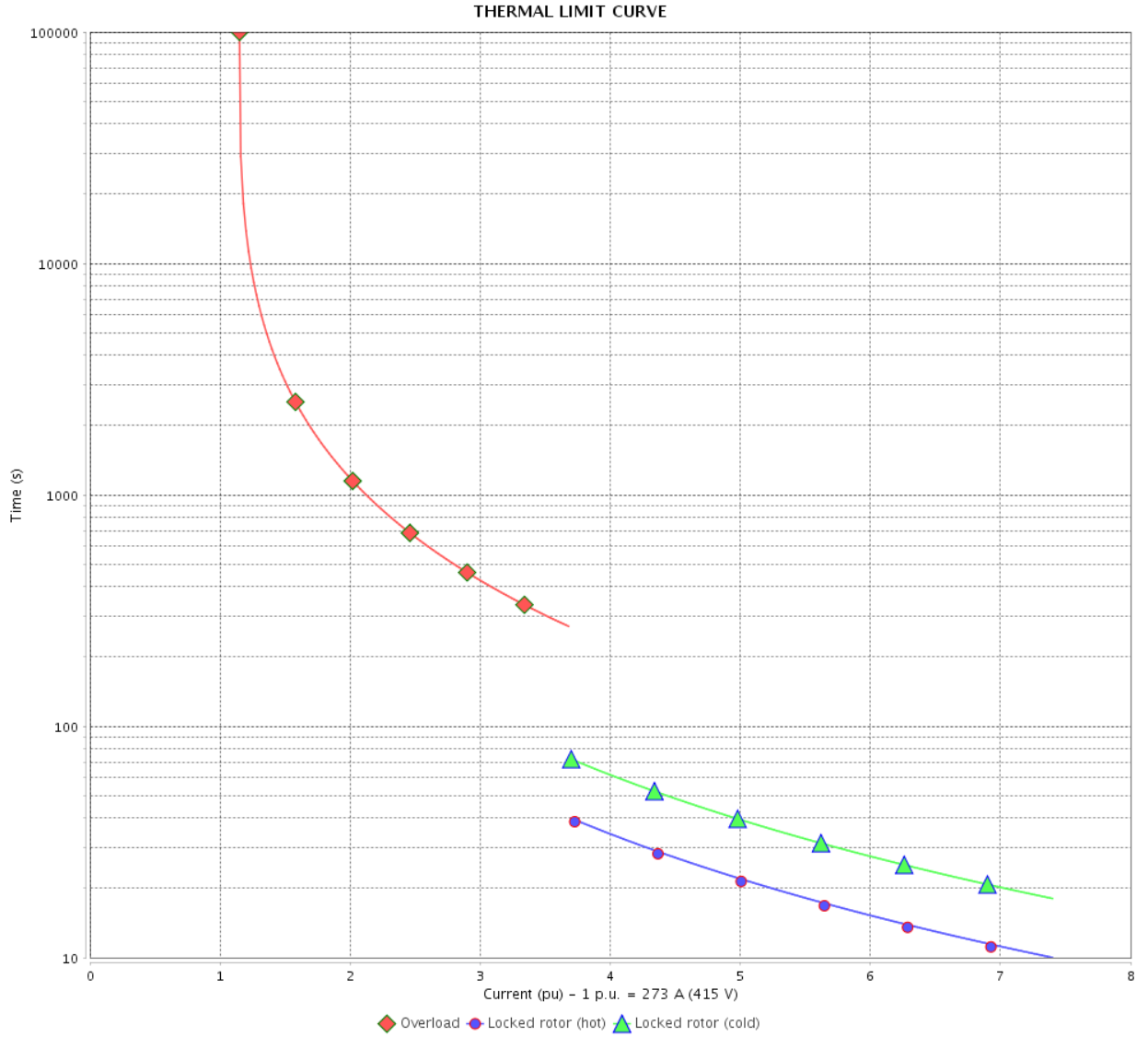
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THERMAL LIMIT CURVE

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 : 11432183

Catalog # : 25012ST3QIE449T-W22

Performance : 380 V 50 Hz 6P IE1

Rated current	: 350 A	Moment of inertia (J)	: 145 sq.ft.lb
LRC	: 4.8	Duty cycle	: Cont.(S1)
Rated torque	: 1340 ft.lb	Insulation class	: F
Locked rotor torque	: 180 %	Service factor	: 1.00
Breakdown torque	: 190 %	Temperature rise	: 105 K
Rated speed	: 980 rpm	Design	: B

Heating constant

Cooling constant

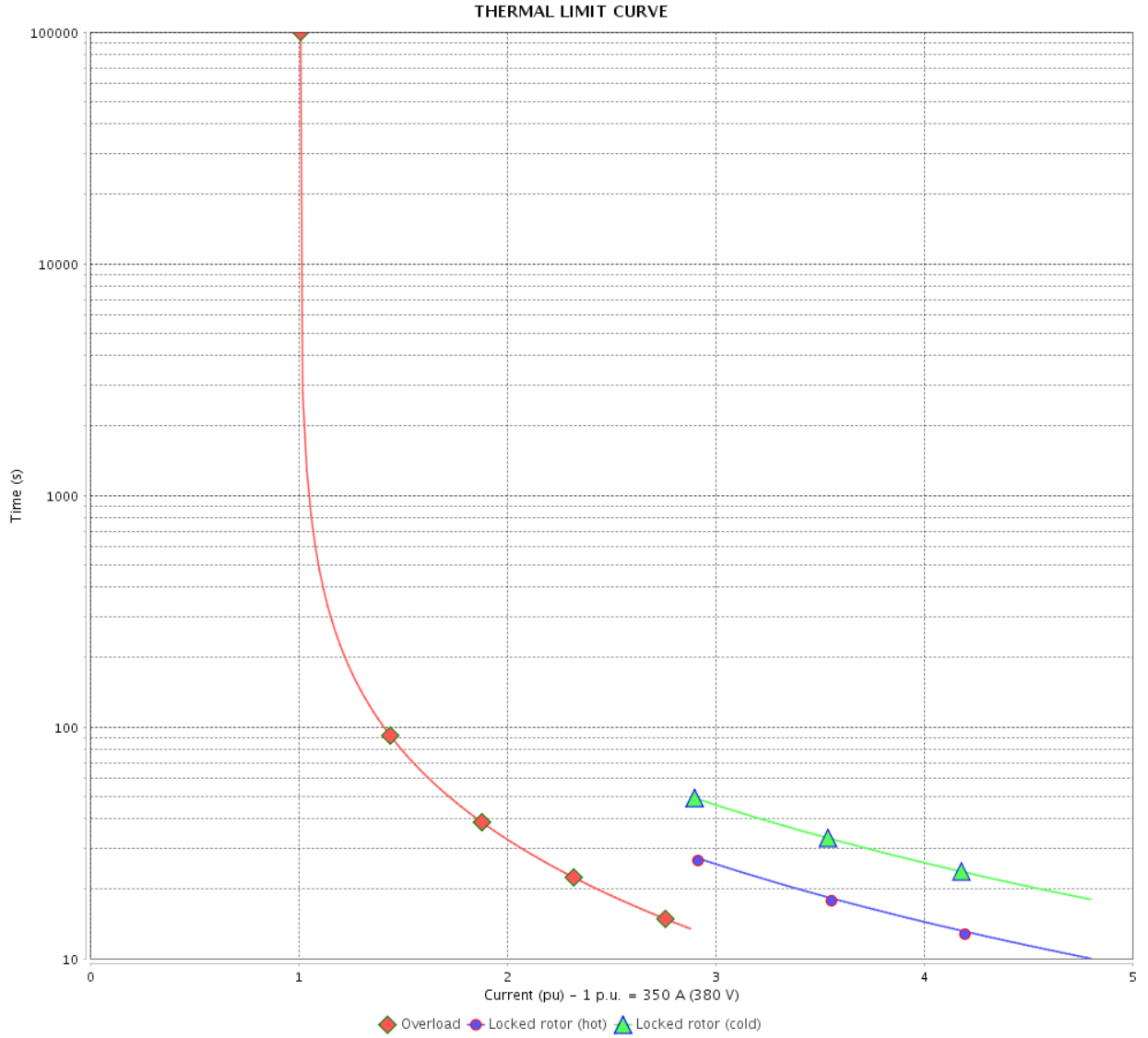
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THERMAL LIMIT CURVE

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Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11432183

Catalog # : 25012ST3QIE449T-W22

Performance : 400 V 50 Hz 6P IE1

Rated current	: 336 A	Moment of inertia (J)	: 145 sq.ft.lb
LRC	: 5.5	Duty cycle	: Cont.(S1)
Rated torque	: 1340 ft.lb	Insulation class	: F
Locked rotor torque	: 210 %	Service factor	: 1.00
Breakdown torque	: 210 %	Temperature rise	: 105 K
Rated speed	: 980 rpm	Design	: B

Heating constant

Cooling constant

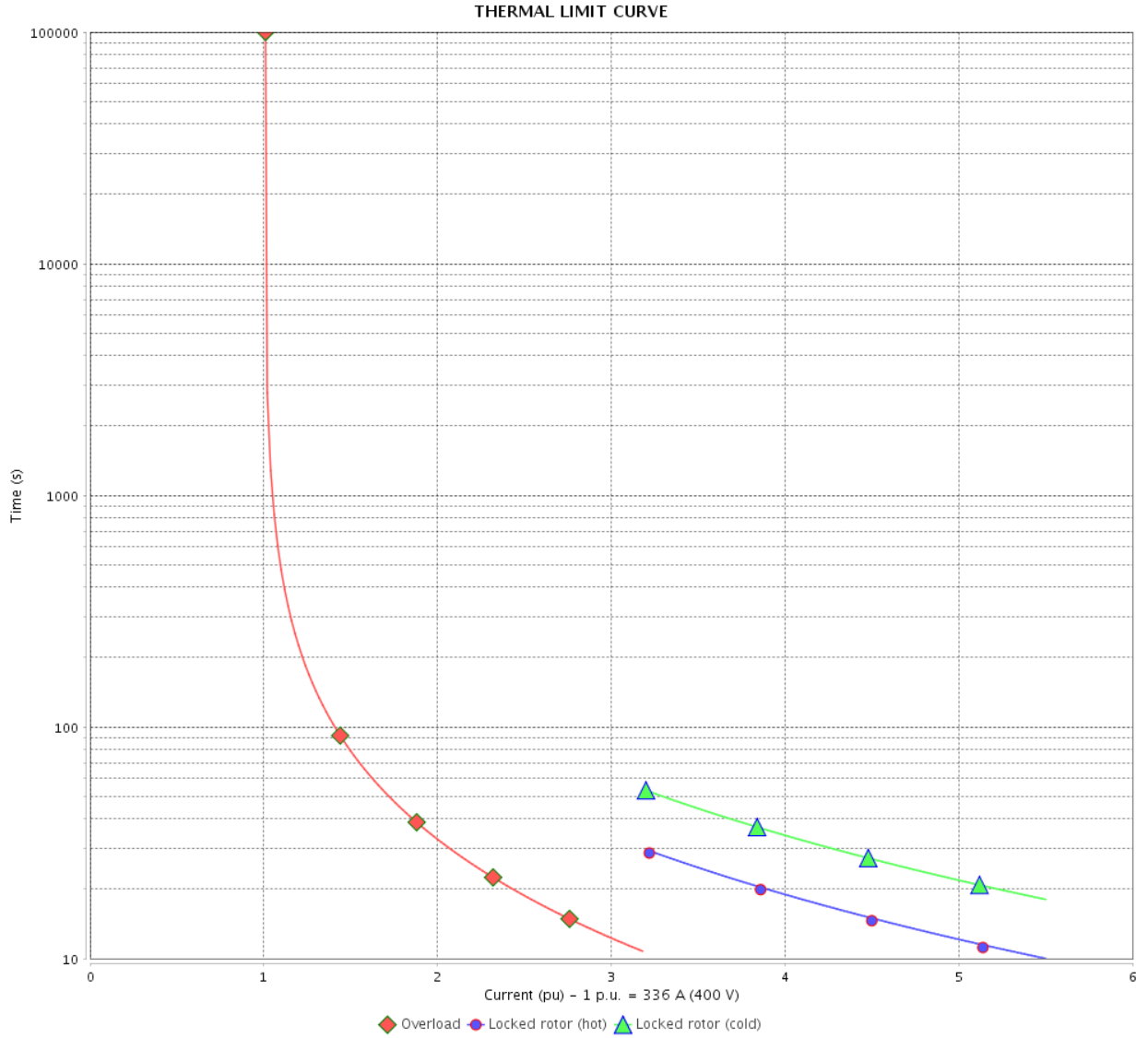
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
Date	13/04/2022		26 / 36	

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____



Rev.	Changes Summary	Performed	Checked	Date
Performed by		Page		Revision
Checked by		27 / 36		
Date		13/04/2022		

THERMAL LIMIT CURVE



Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase
Product code : 11432183
Catalog # : 25012ST3QIE449T-W22

Performance : 415 V 50 Hz 6P IE2

Rated current	: 326 A	Moment of inertia (J)	: 145 sq.ft.lb
LRC	: 6.0	Duty cycle	: Cont.(S1)
Rated torque	: 1330 ft.lb	Insulation class	: F
Locked rotor torque	: 229 %	Service factor	: 1.00
Breakdown torque	: 229 %	Temperature rise	: 105 K
Rated speed	: 985 rpm	Design	: B

Heating constant

Cooling constant

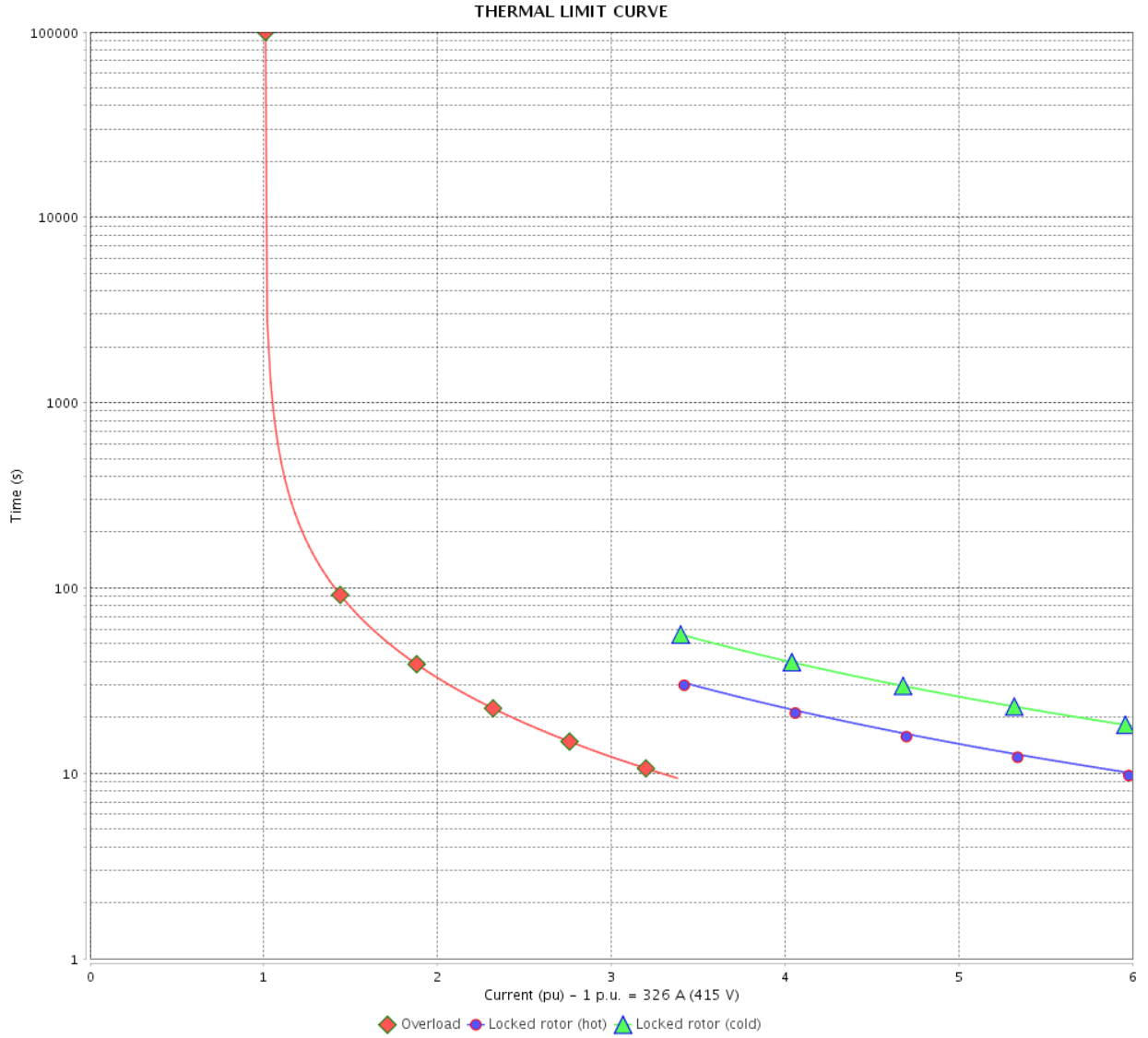
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
Date	13/04/2022		28 / 36	

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____



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Date				

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

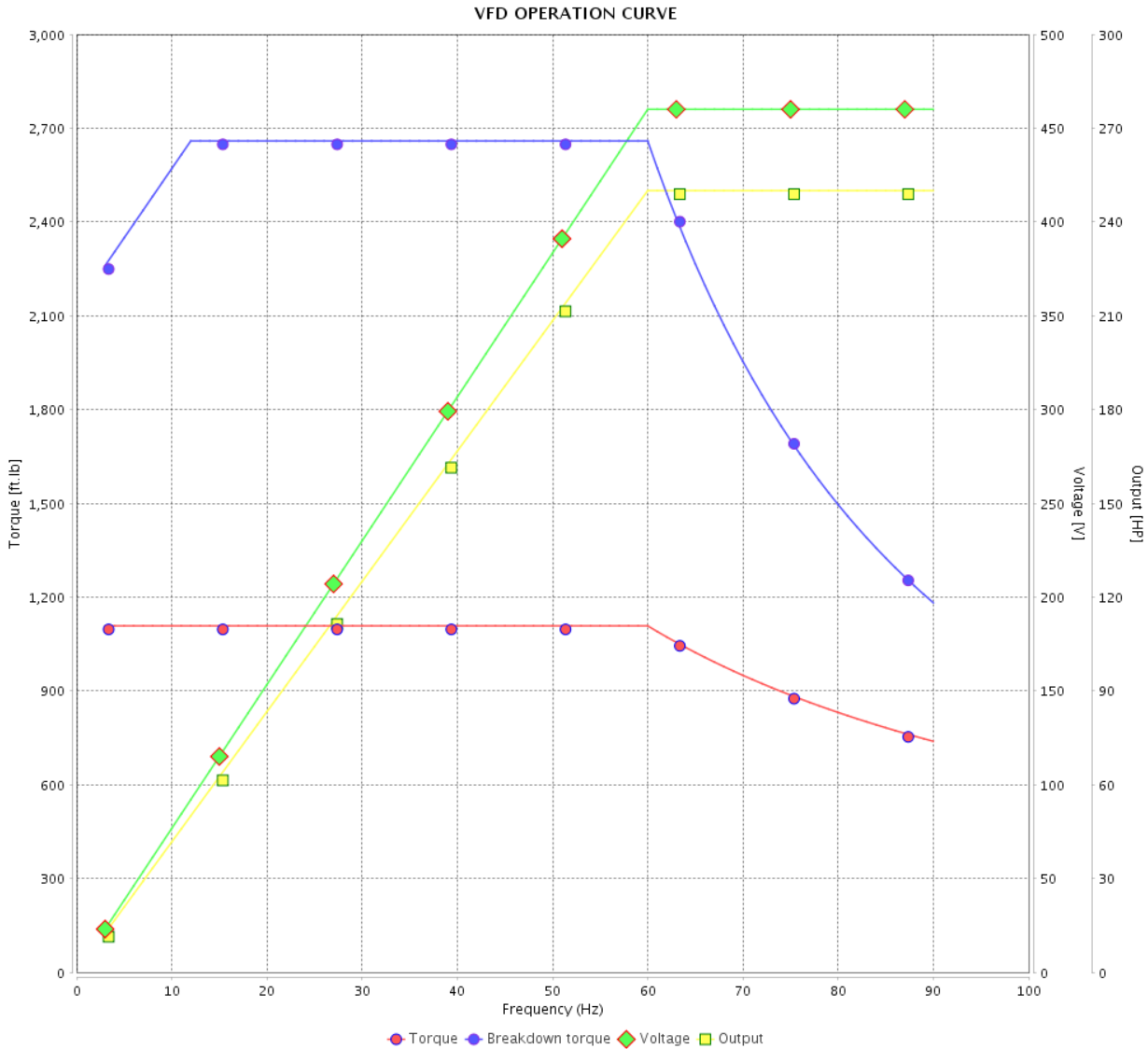


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11432183

Catalog # : 25012ST3QIE449T-W22



Performance : 460 V 60 Hz 6P

Rated current : 292 A
 LRC : 6.1
 Rated torque : 1110 ft.lb
 Locked rotor torque : 240 %
 Breakdown torque : 240 %
 Rated speed : 1185 rpm

Moment of inertia (J) : 145 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 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

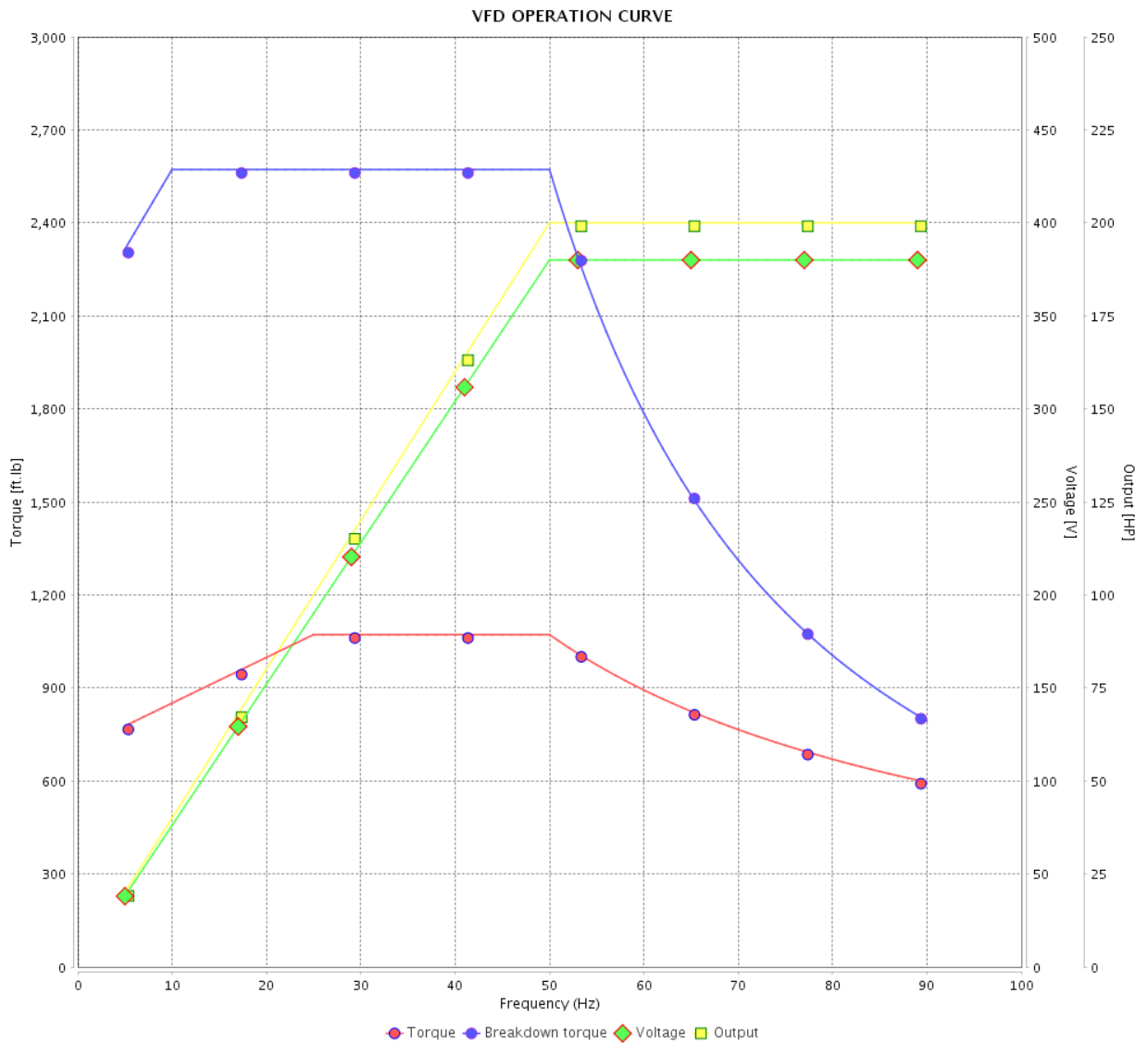


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11432183

Catalog # : 25012ST3QIE449T-W22



Performance : 380 V 50 Hz 6P IE3

Rated current : 284 A
 LRC : 6.1
 Rated torque : 1070 ft.lb
 Locked rotor torque : 220 %
 Breakdown torque : 240 %
 Rated speed : 980 rpm

Moment of inertia (J) : 145 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 Temperature rise : 80 K
 Design : B

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Date	13/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

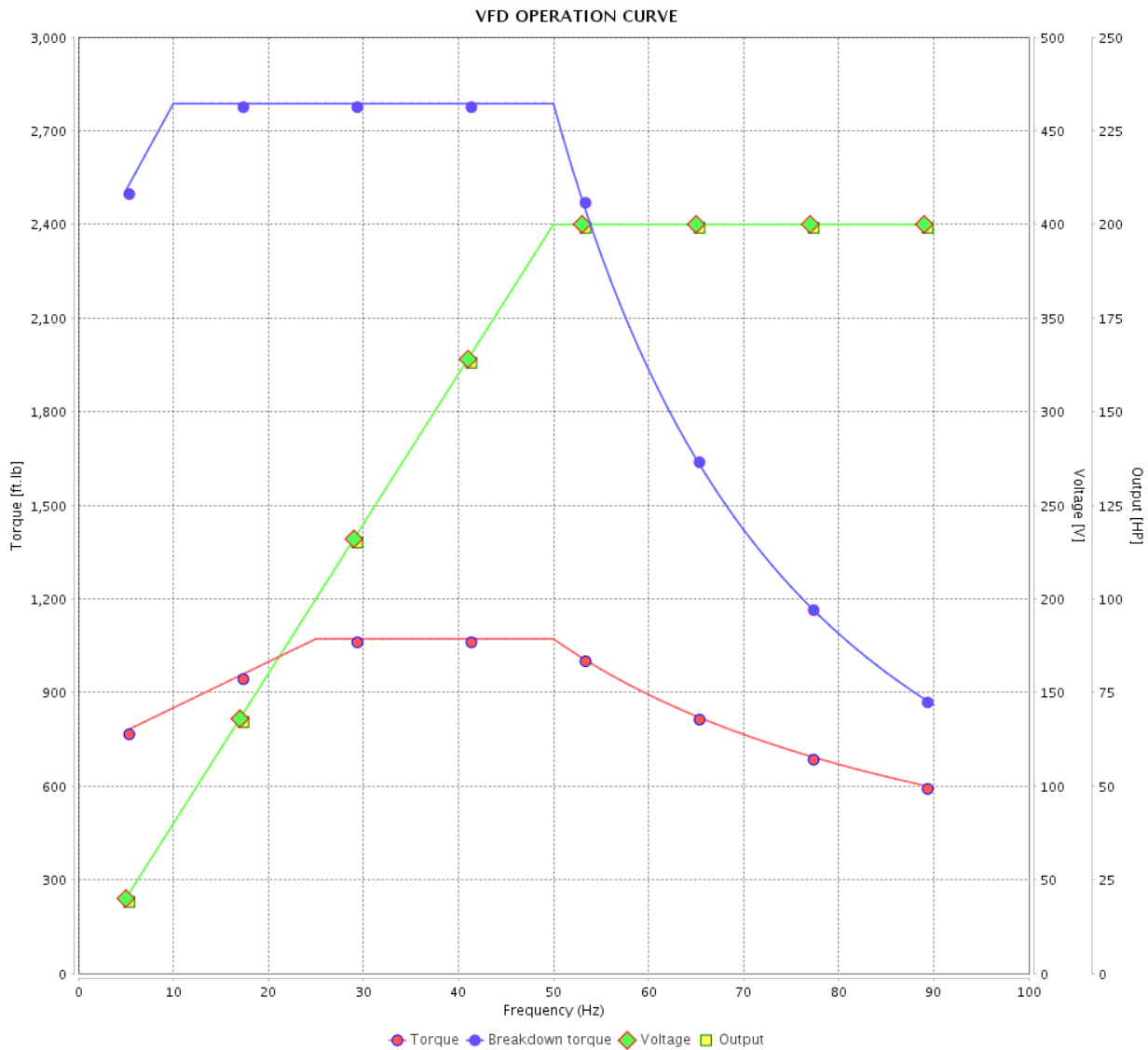


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11432183

Catalog # : 25012ST3QIE449T-W22



Performance : 400 V 50 Hz 6P IE3

Rated current	: 280 A	Moment of inertia (J)	: 145 sq.ft.lb
LRC	: 6.8	Duty cycle	: Cont.(S1)
Rated torque	: 1070 ft.lb	Insulation class	: F
Locked rotor torque	: 260 %	Service factor	: 1.15
Breakdown torque	: 260 %	Temperature rise	: 80 K
Rated speed	: 980 rpm	Design	: B

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Date	13/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

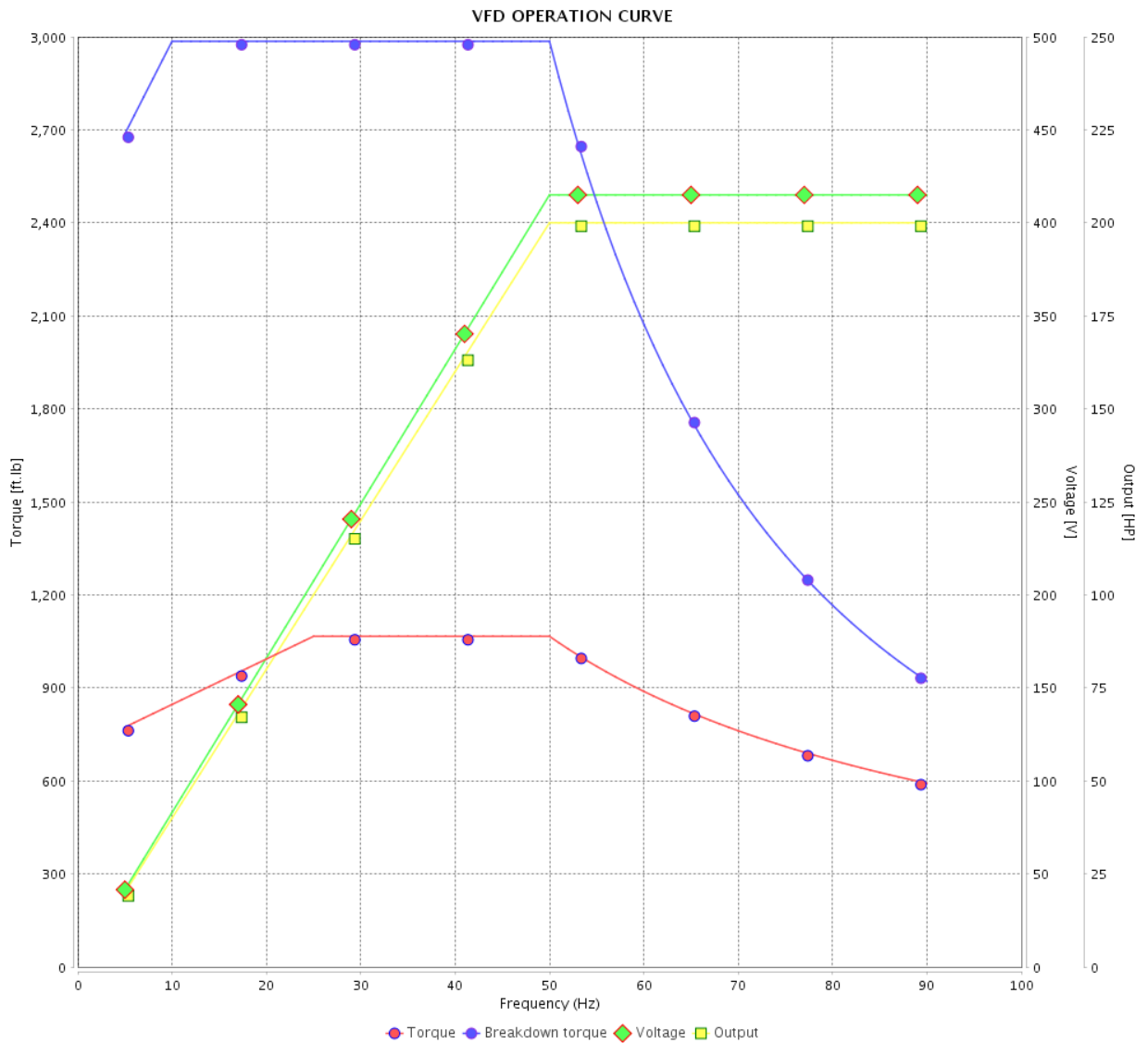


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11432183

Catalog # : 25012ST3QIE449T-W22



Performance : 415 V 50 Hz 6P IE3

Rated current : 273 A
 LRC : 7.4
 Rated torque : 1070 ft.lb
 Locked rotor torque : 280 %
 Breakdown torque : 280 %
 Rated speed : 985 rpm

Moment of inertia (J) : 145 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 Temperature rise : 80 K
 Design : B

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Date	13/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

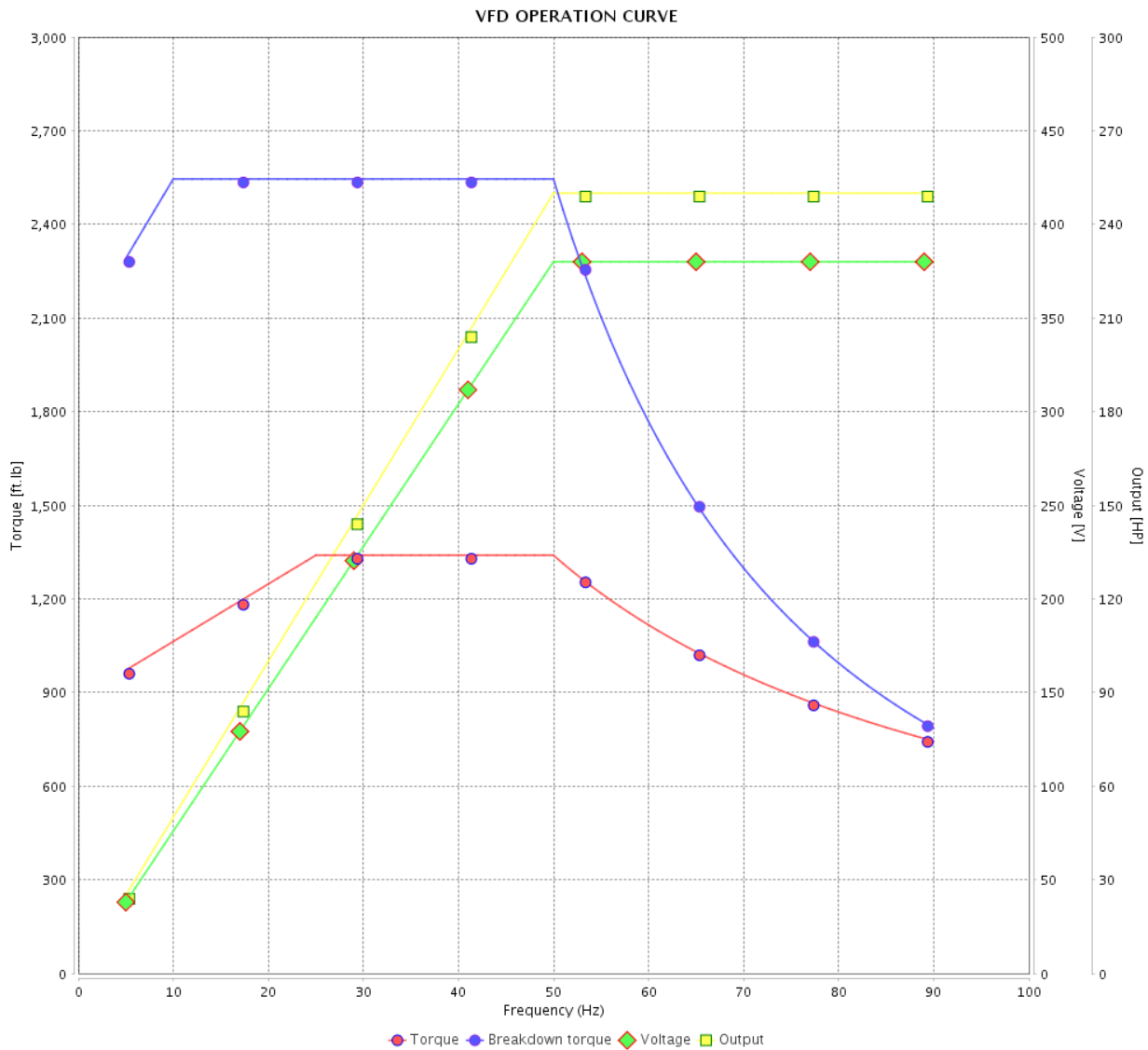


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11432183

Catalog # : 25012ST3QIE449T-W22



Performance : 380 V 50 Hz 6P IE1

Rated current	: 350 A	Moment of inertia (J)	: 145 sq.ft.lb
LRC	: 4.8	Duty cycle	: Cont.(S1)
Rated torque	: 1340 ft.lb	Insulation class	: F
Locked rotor torque	: 180 %	Service factor	: 1.00
Breakdown torque	: 190 %	Temperature rise	: 105 K
Rated speed	: 980 rpm	Design	: B

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VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

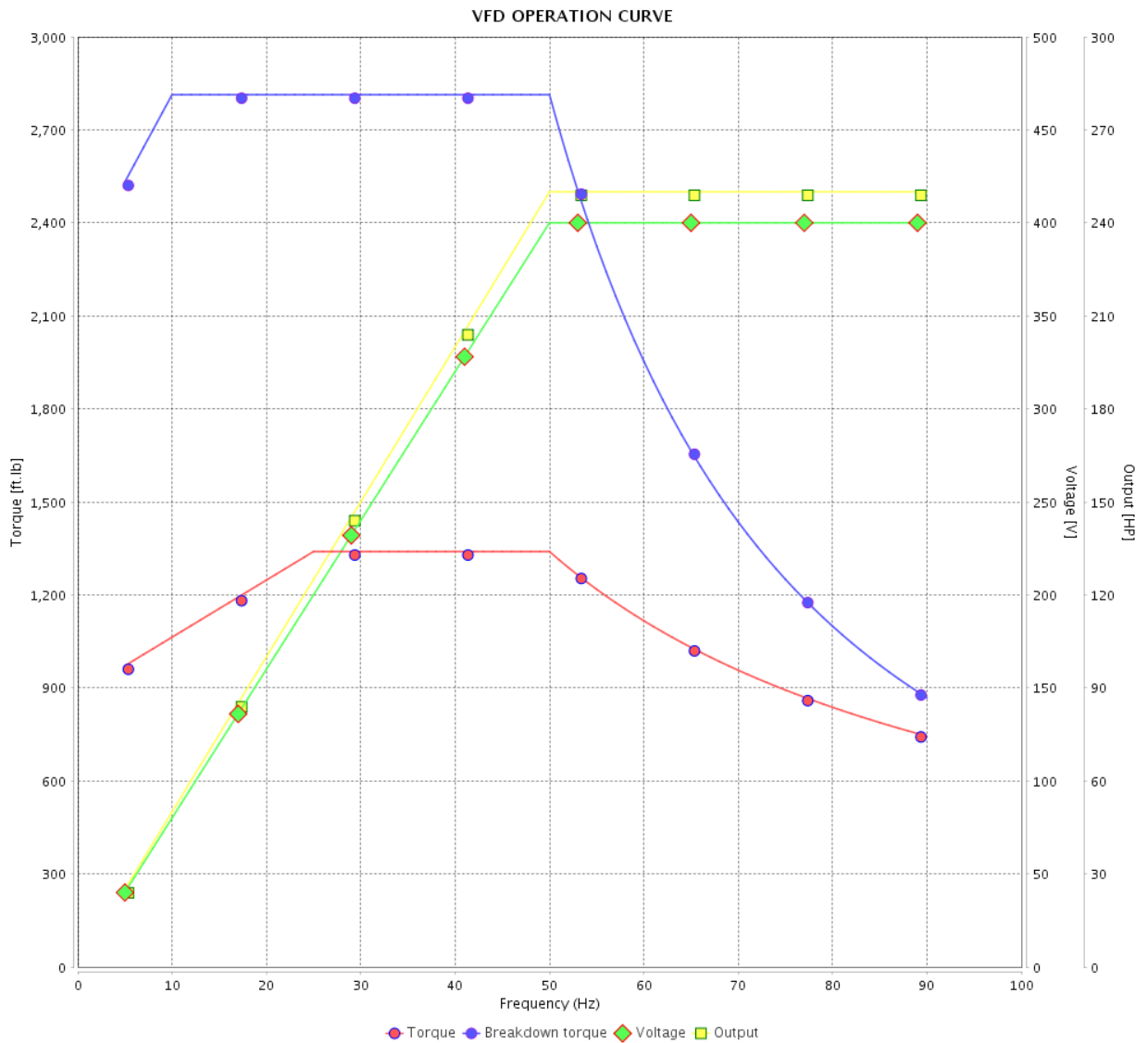


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11432183

Catalog # : 25012ST3QIE449T-W22



Performance : 400 V 50 Hz 6P IE1

Rated current : 336 A
 LRC : 5.5
 Rated torque : 1340 ft.lb
 Locked rotor torque : 210 %
 Breakdown torque : 210 %
 Rated speed : 980 rpm

Moment of inertia (J) : 145 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



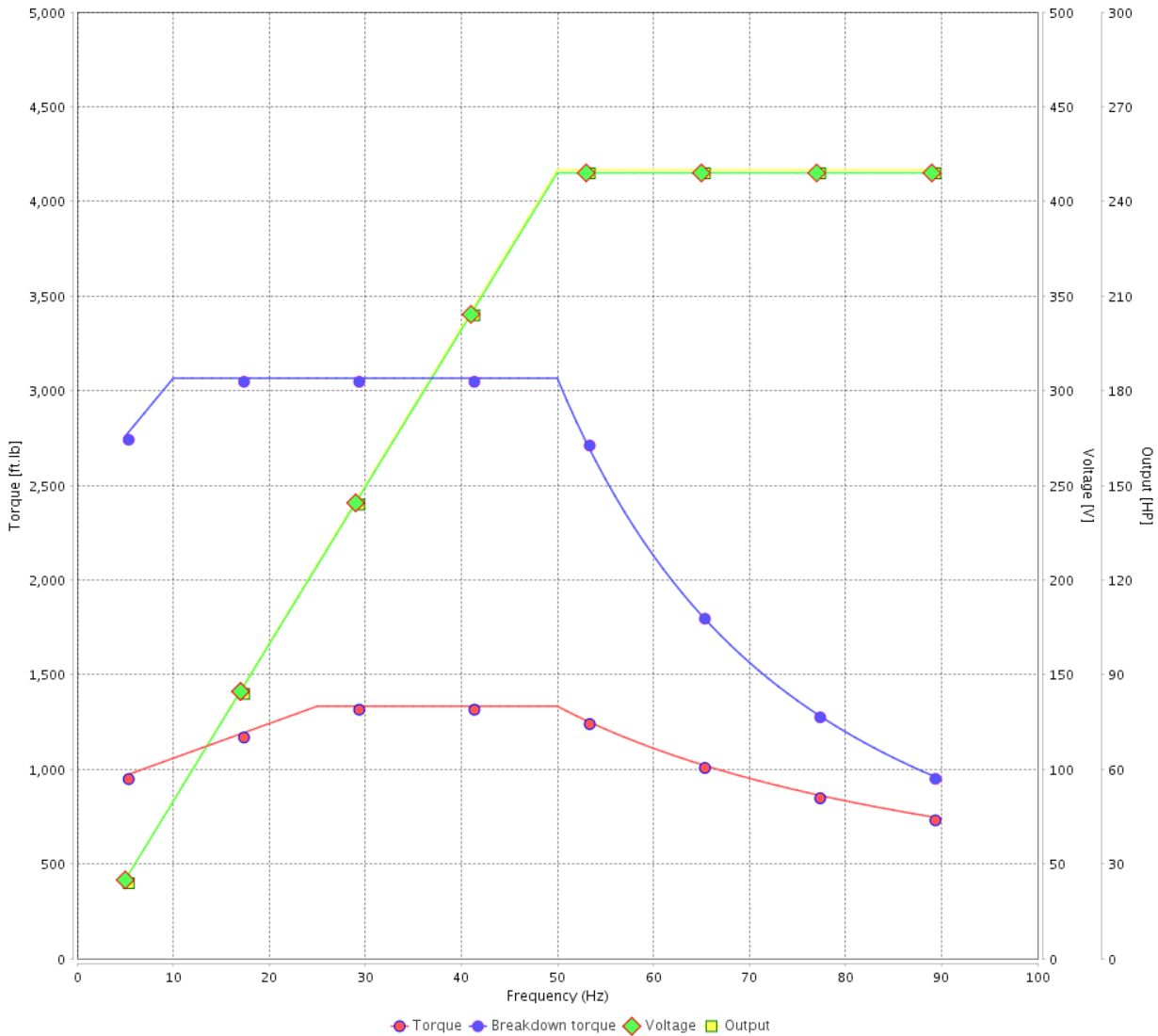
Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11432183

Catalog # : 25012ST3QIE449T-W22

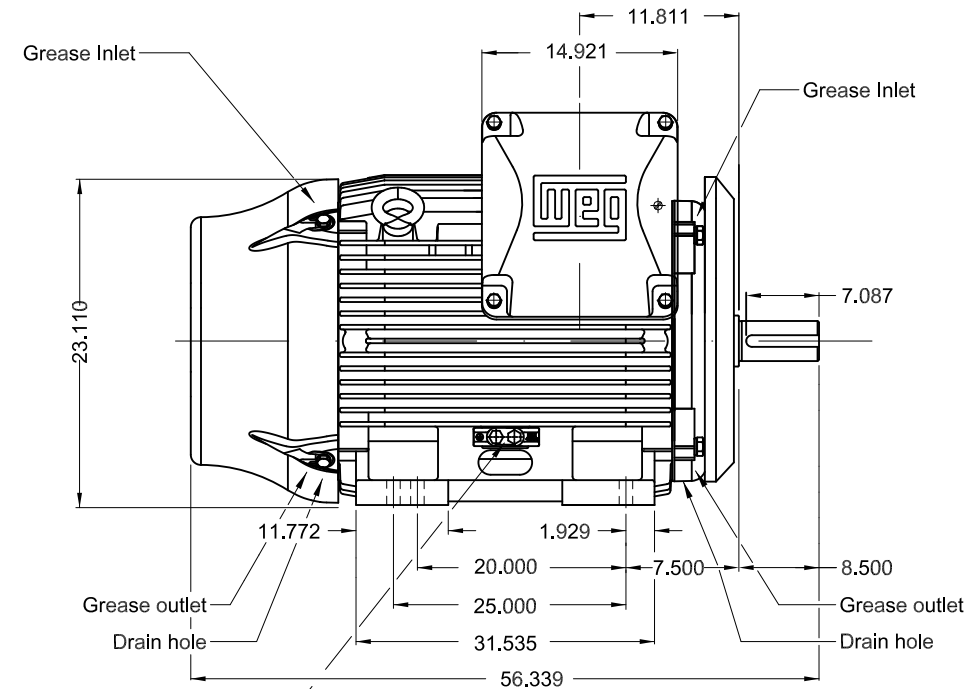
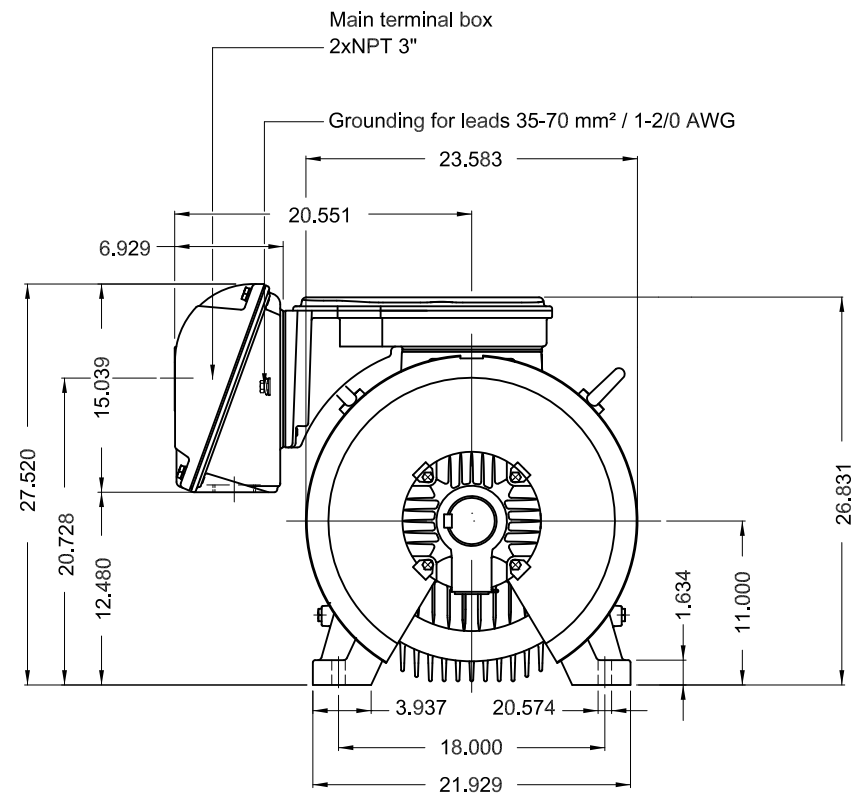
VFD OPERATION CURVE



Performance : 415 V 50 Hz 6P IE2

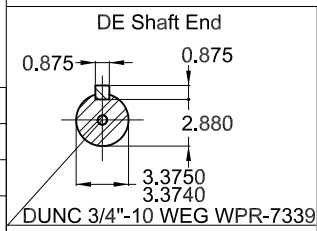
Rated current	: 326 A	Moment of inertia (J)	: 145 sq.ft.lb
LRC	: 6.0	Duty cycle	: Cont.(S1)
Rated torque	: 1330 ft.lb	Insulation class	: F
Locked rotor torque	: 229 %	Service factor	: 1.00
Breakdown torque	: 229 %	Temperature rise	: 105 K
Rated speed	: 985 rpm	Design	: B

Rev.	Changes Summary	Performed	Checked	Date
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Grounding for leads 25-185 mm² / 3AWG-350MCM

Drive-End Air Deflector
 Color RAL 5009
 Painting plan 202E
 Mounting B3R(D)



250 HP 06 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 447/9T IP55 TEFC					
RELEASED							
REL DT.	WMO	Jaragua do Sul	Product Engineering				

PREVIEW
 WDD



SHEET 1 / 1

Dimensions in inches

XME A3



NEMA
Premium
W22



FOR SAFE AREA
Mod.TE1BFOXON
CC029A



Class I, Div 2, Gr A, B, C and D - T3
Class I, Zone 2, IIC - T3
Class II, Div 2, Gr F and G - T3C
For use on PWM: Gr. A, B, C, D and F,
VT 1000:1, CT 20:1, 1.00SF - T3

MODEL 25012ST3QIE449T-W22



Inverter Duty Motor
Severe Duty

MADE IN BRAZIL
11432183

PH3 60Hz Fr. 447/9T 1000m.a.s.l. IP55 TEFC 2997lb

V 460

A 292

HP 250

kW 185

SF 1.15

SFA 336

RPM 1185

PF 0.83

AMB 40°C

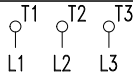
INS cl. F DT80K

NEMA NOM EFF 95.8%

DUTY CONT.

DES B Code G

GUARANT. EFF 95.0%



460V



→ 6322-C3 (60g) 110BC03X30

→ 6319-C3 (45g) 95BC03X30



MOBIL POLYREX EM (11000h)

