

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer							
Product line	: NEMA Premium Efficiency Three-Phase	Product code	: 12378984				
		Catalog #	: 00736ST3QIE213T-W22				
Frame	: 213/5T	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	: 147 lb				
Protection degree	: IP55	Moment of inertia (J)	: 0.4665 sq.ft.lb				
Design	: B						
Output [HP]	7.5	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]	460	380	400	415	380	400	415
Rated current [A]	8.76	7.41	7.29	7.27	10.6	10.2	9.82
L. R. Amperes [A]	63.1	60.8	66.3	70.5	60.4	65.3	67.8
LRC [A]	7.2x(Code H)	8.2x(Code J)	9.1x(Code L)	9.7x(Code M)	5.7x(Code F)	6.4x(Code G)	6.9x(Code H)
No load current [A]	3.20	3.10	3.45	3.80	3.10	3.40	3.80
Rated speed [RPM]	3525	2940	2950	2950	2895	2905	2915
Slip [%]	2.08	2.00	1.67	1.67	3.50	3.17	2.83
Rated torque [ft.lb]	11.2	8.93	8.90	8.90	13.6	13.6	13.5
Locked rotor torque [%]	210	250	270	300	160	190	200
Breakdown torque [%]	300	360	400	430	229	260	280
Service factor	1.25	1.25	1.25	1.25	1.25	1.25	1.25
Temperature rise	80 K	80 K	80 K	80 K	105 K	105 K	80 K
Locked rotor time	39s (cold) 22s (hot)	54s (cold) 30s (hot)	54s (cold) 30s (hot)	54s (cold) 30s (hot)	36s (cold) 20s (hot)	36s (cold) 20s (hot)	36s (cold) 20s (hot)
Noise level ²	68.0 dB(A)	63.0 dB(A)	63.0 dB(A)	63.0 dB(A)	63.0 dB(A)	63.0 dB(A)	63.0 dB(A)
Efficiency (%)	25%						
	50%	87.5	86.7	86.4	86.1	88.5	87.5
	75%	89.5	88.2	88.3	88.5	88.5	88.5
	100%	89.5	88.2	88.3	88.5	87.5	88.5
Power Factor	25%						
	50%	0.75	0.71	0.66	0.62	0.80	0.77
	75%	0.84	0.81	0.77	0.73	0.87	0.86
	100%	0.88	0.86	0.83	0.80	0.90	0.89
Bearing type	: Drive end 6308 C3	Non drive end 6207 C3	Foundation loads				
Sealing	: Inpro/Seal	Inpro/Seal	Max. traction : 139 lb				
Lubrication interval	: 20000 h	20000 h	Max. compression : 287 lb				
Lubricant amount	: 11 g	7 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



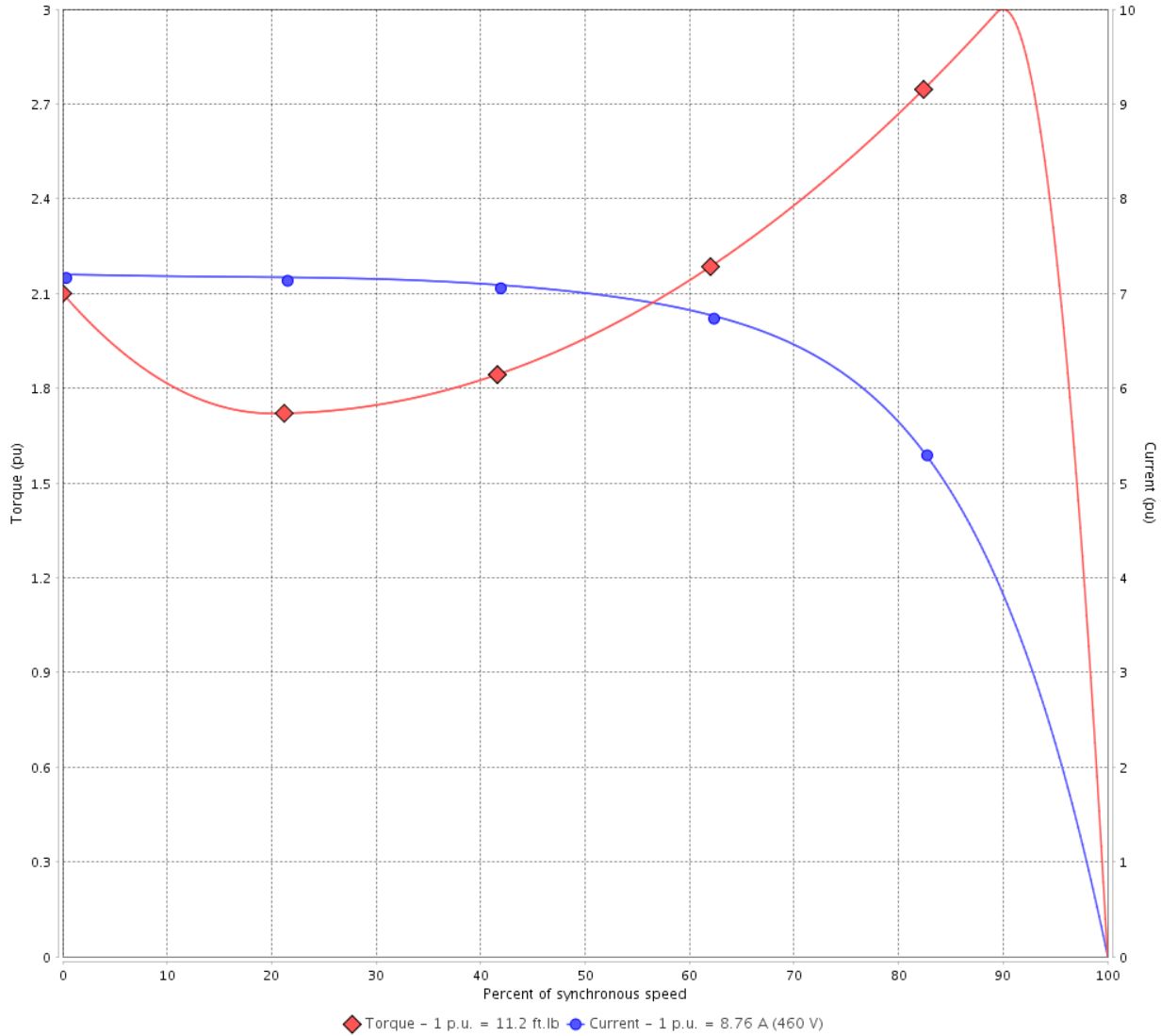
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12378984

Catalog # : 00736ST3QIE213T-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 460 V 60 Hz 2P

Rated current	: 8.76 A	Moment of inertia (J)	: 0.4665 sq.ft.lb
LRC	: 7.2	Duty cycle	: Cont.(S1)
Rated torque	: 11.2 ft.lb	Insulation class	: F
Locked rotor torque	: 210 %	Service factor	: 1.25
Breakdown torque	: 300 %	Temperature rise	: 80 K
Rated speed	: 3525 rpm	Design	: B

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

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TORQUE AND CURRENT VS SPEED CURVE



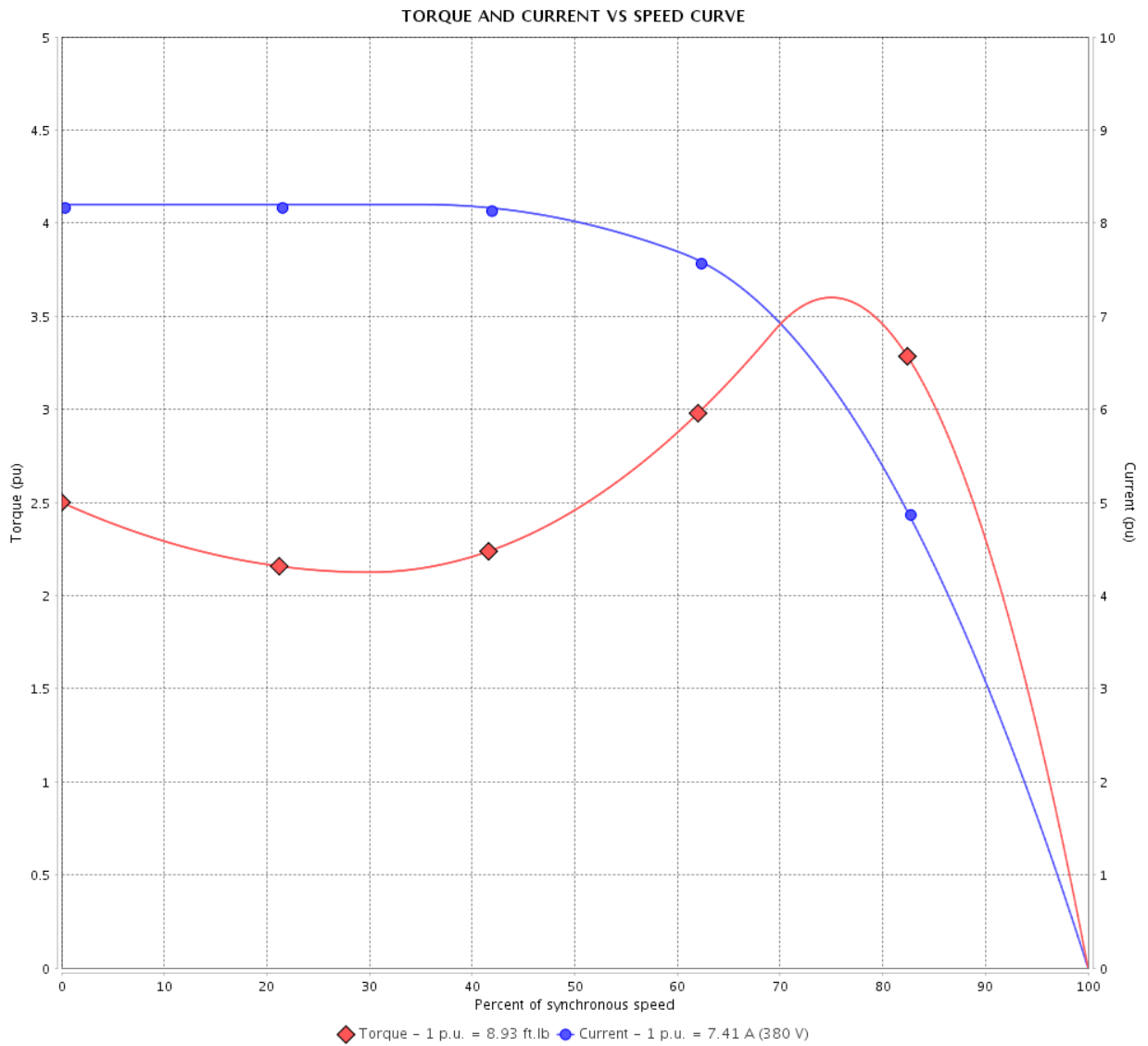
Three Phase Induction Motor - Squirrel Cage

Customer :

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Product code : 12378984

Catalog # : 00736ST3QIE213T-W22



Performance : 380 V 50 Hz 2P IE3

Rated current : 7.41 A
 LRC : 8.2
 Rated torque : 8.93 ft.lb
 Locked rotor torque : 250 %
 Breakdown torque : 360 %
 Rated speed : 2940 rpm

Moment of inertia (J) : 0.4665 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.25
 Temperature rise : 80 K
 Design : B

Locked rotor time : 54s (cold) 30s (hot)

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



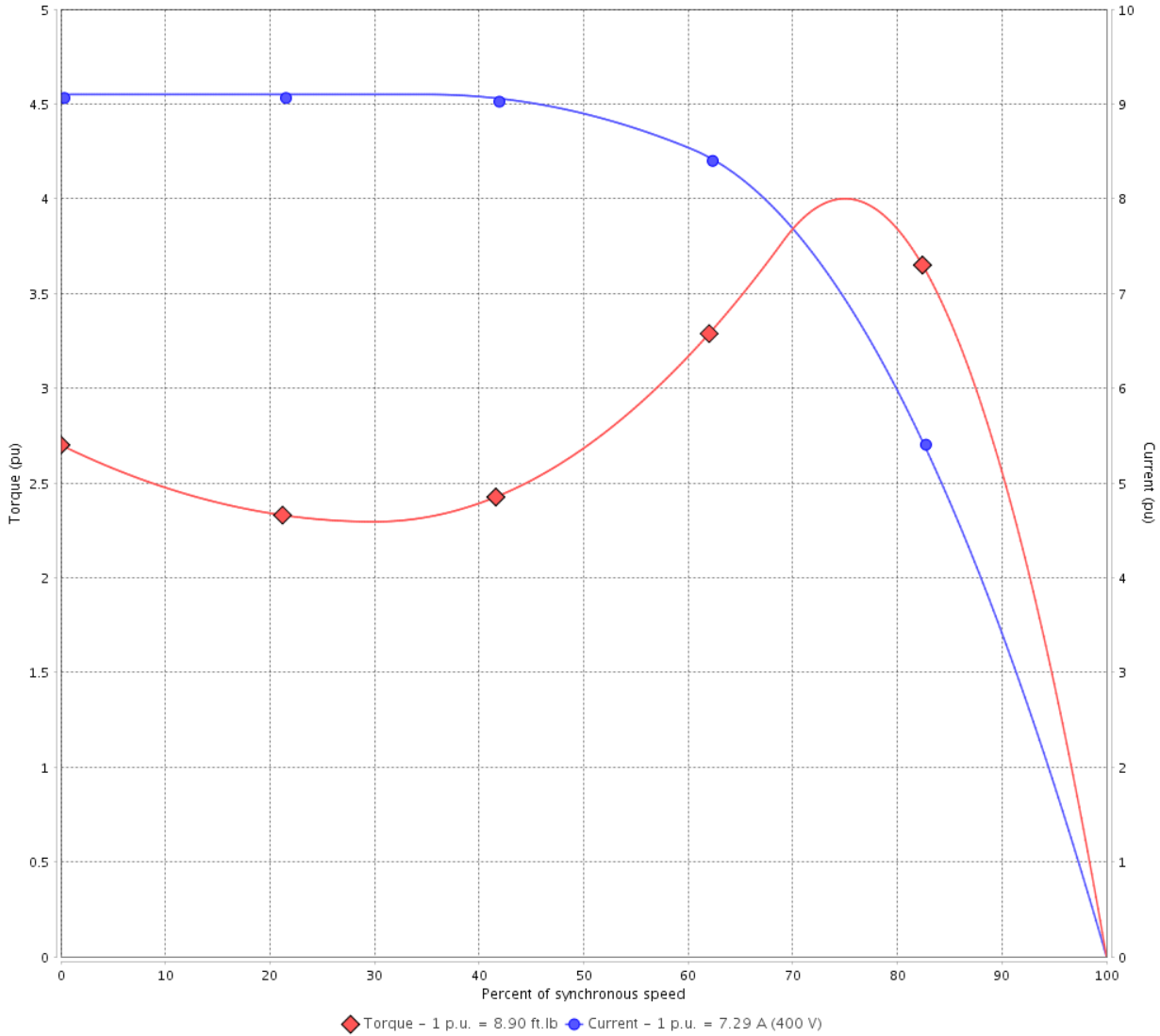
Customer :

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Catalog # : 00736ST3QIE213T-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 400 V 50 Hz 2P IE3

Rated current	: 7.29 A	Moment of inertia (J)	: 0.4665 sq.ft.lb
LRC	: 9.1	Duty cycle	: Cont.(S1)
Rated torque	: 8.90 ft.lb	Insulation class	: F
Locked rotor torque	: 270 %	Service factor	: 1.25
Breakdown torque	: 400 %	Temperature rise	: 80 K
Rated speed	: 2950 rpm	Design	: B

Locked rotor time : 54s (cold) 30s (hot)

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TORQUE AND CURRENT VS SPEED CURVE



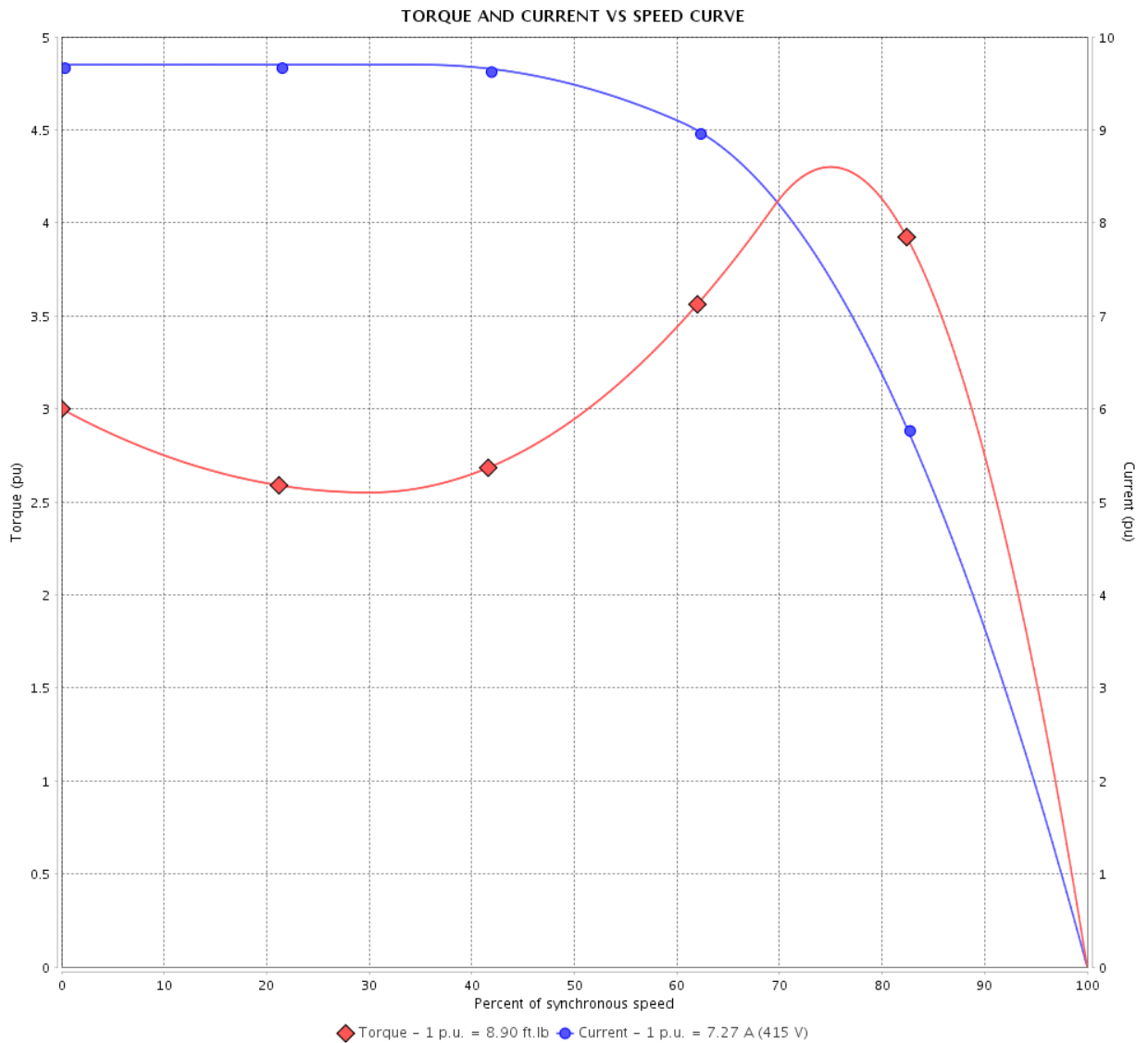
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Performance : 415 V 50 Hz 2P IE3

Rated current : 7.27 A
 LRC : 9.7
 Rated torque : 8.90 ft.lb
 Locked rotor torque : 300 %
 Breakdown torque : 430 %
 Rated speed : 2950 rpm

Moment of inertia (J) : 0.4665 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.25
 Temperature rise : 80 K
 Design : B

Locked rotor time : 54s (cold) 30s (hot)

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



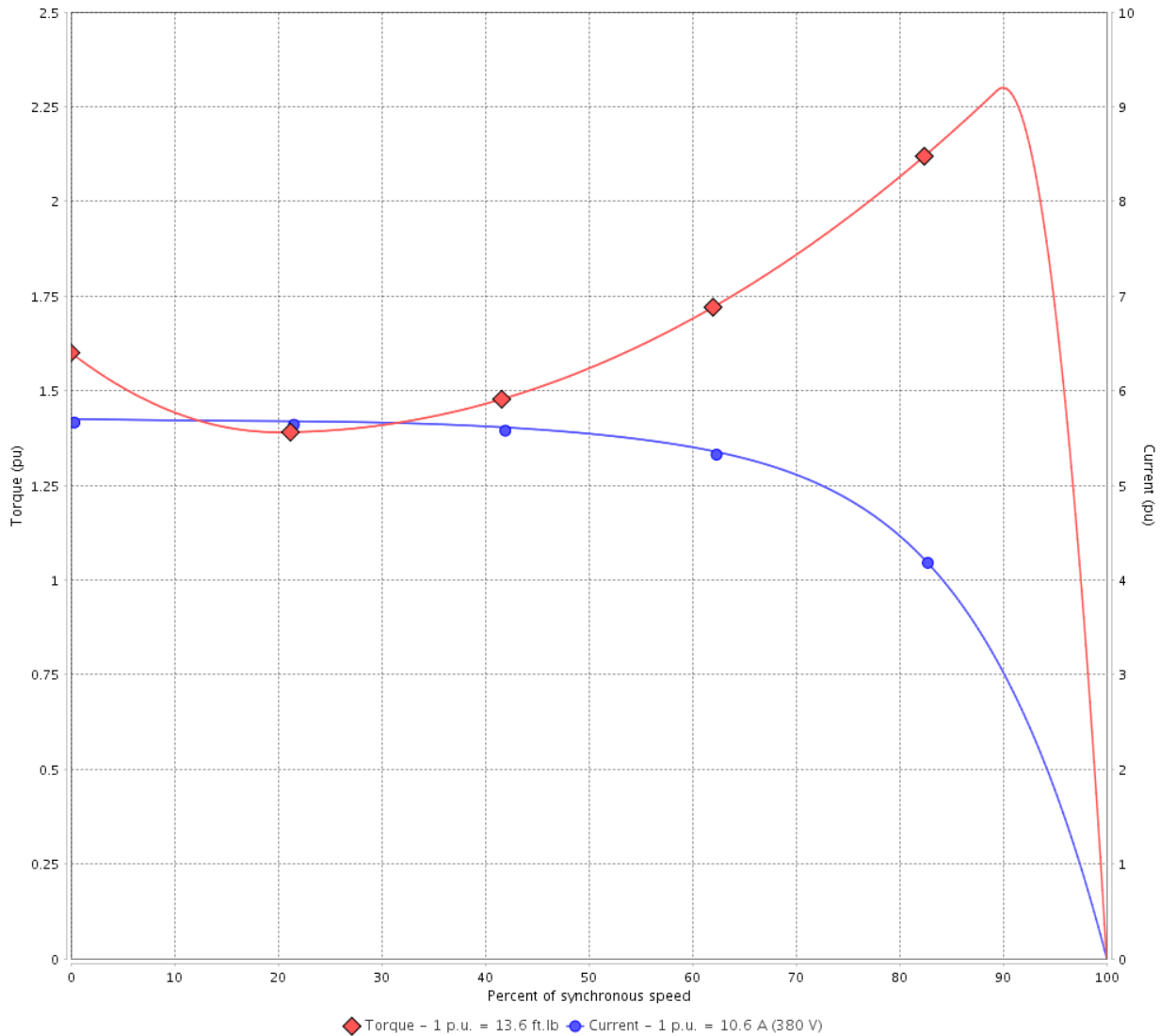
Customer :

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Product code : 12378984

Catalog # : 00736ST3QIE213T-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 380 V 50 Hz 2P IE2

Rated current	: 10.6 A	Moment of inertia (J)	: 0.4665 sq.ft.lb
LRC	: 5.7	Duty cycle	: Cont.(S1)
Rated torque	: 13.6 ft.lb	Insulation class	: F
Locked rotor torque	: 160 %	Service factor	: 1.25
Breakdown torque	: 229 %	Temperature rise	: 105 K
Rated speed	: 2895 rpm	Design	: B

Locked rotor time : 36s (cold) 20s (hot)

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TORQUE AND CURRENT VS SPEED CURVE



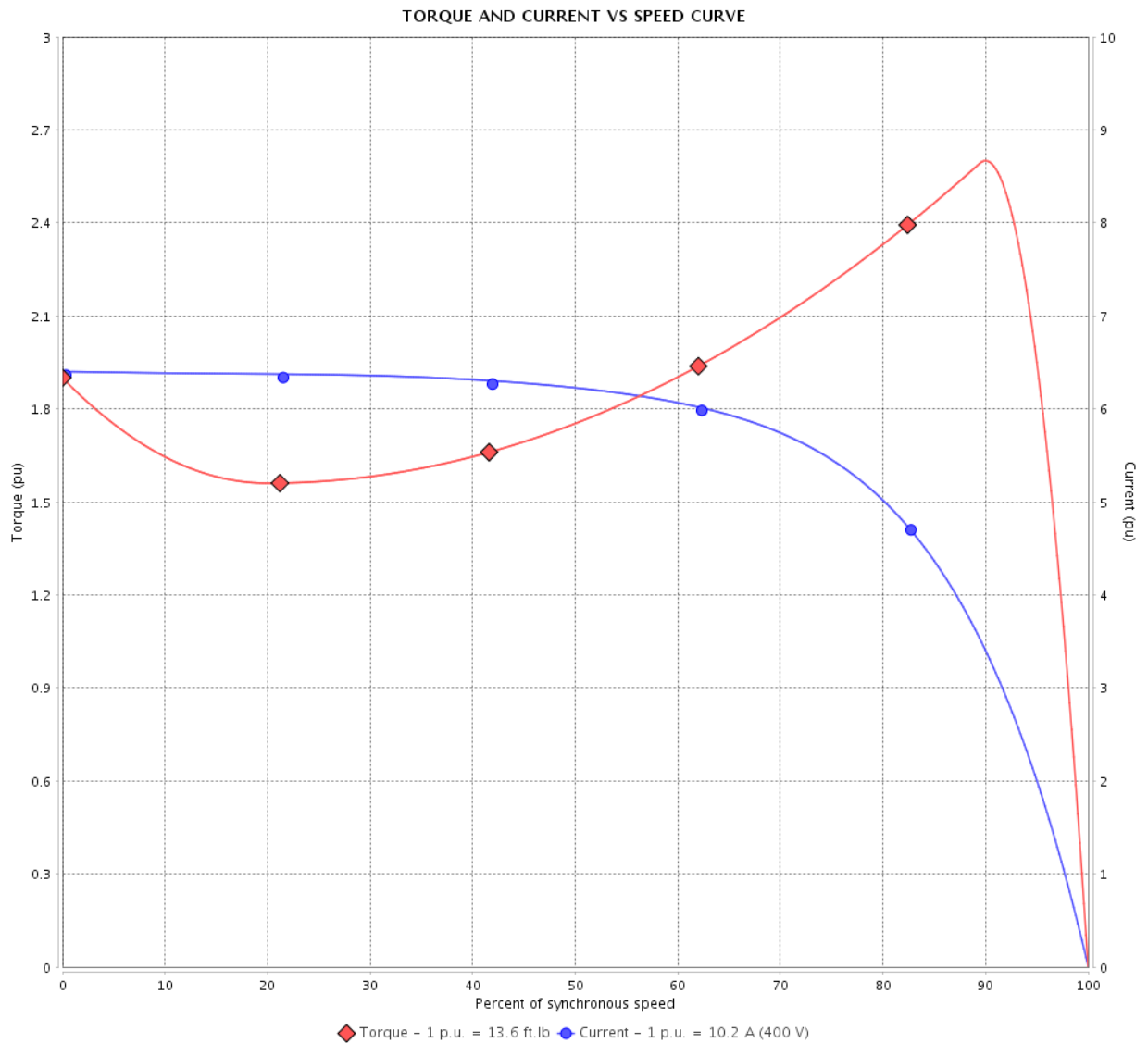
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Performance : 400 V 50 Hz 2P IE2

Rated current	: 10.2 A	Moment of inertia (J)	: 0.4665 sq.ft.lb
LRC	: 6.4	Duty cycle	: Cont.(S1)
Rated torque	: 13.6 ft.lb	Insulation class	: F
Locked rotor torque	: 190 %	Service factor	: 1.25
Breakdown torque	: 260 %	Temperature rise	: 105 K
Rated speed	: 2905 rpm	Design	: B

Locked rotor time : 36s (cold) 20s (hot)

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



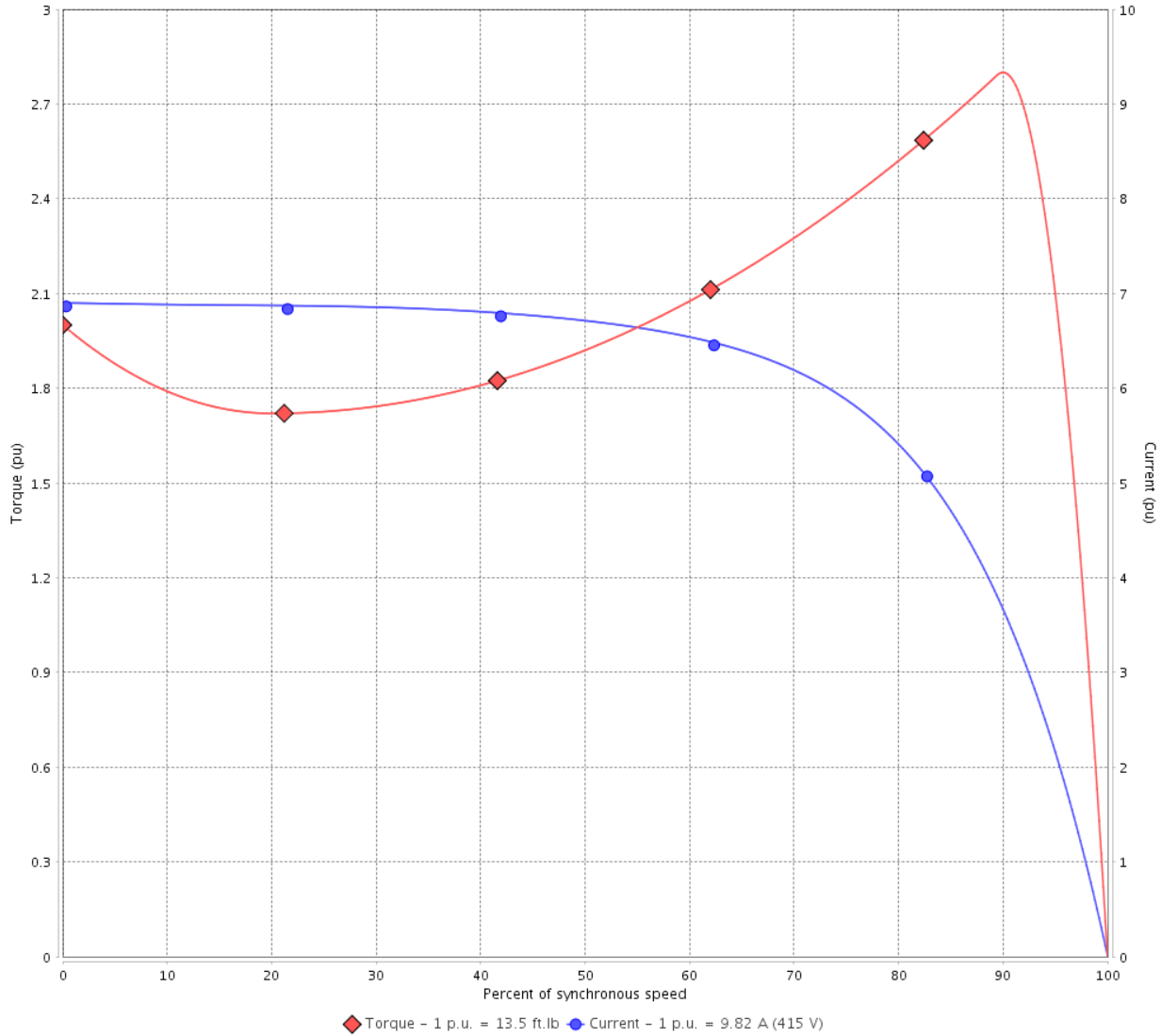
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Product code : 12378984

Catalog # : 00736ST3QIE213T-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 415 V 50 Hz 2P IE2

Rated current	: 9.82 A	Moment of inertia (J)	: 0.4665 sq.ft.lb
LRC	: 6.9	Duty cycle	: Cont.(S1)
Rated torque	: 13.5 ft.lb	Insulation class	: F
Locked rotor torque	: 200 %	Service factor	: 1.25
Breakdown torque	: 280 %	Temperature rise	: 80 K
Rated speed	: 2915 rpm	Design	: B

Locked rotor time : 36s (cold) 20s (hot)

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Three Phase Induction Motor - Squirrel Cage

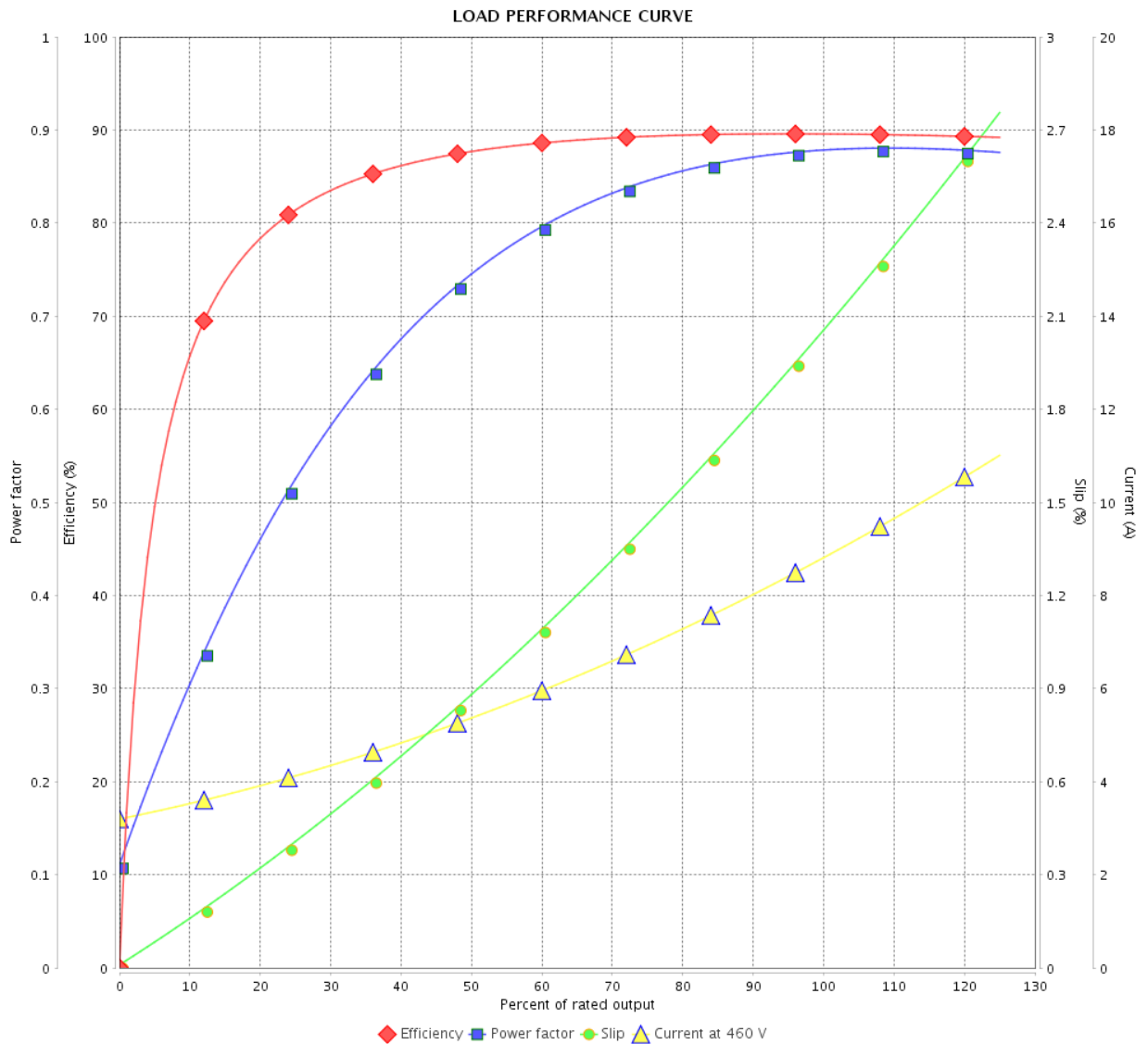


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Performance : 460 V 60 Hz 2P

Rated current : 8.76 A
 LRC : 7.2
 Rated torque : 11.2 ft.lb
 Locked rotor torque : 210 %
 Breakdown torque : 300 %
 Rated speed : 3525 rpm

Moment of inertia (J) : 0.4665 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



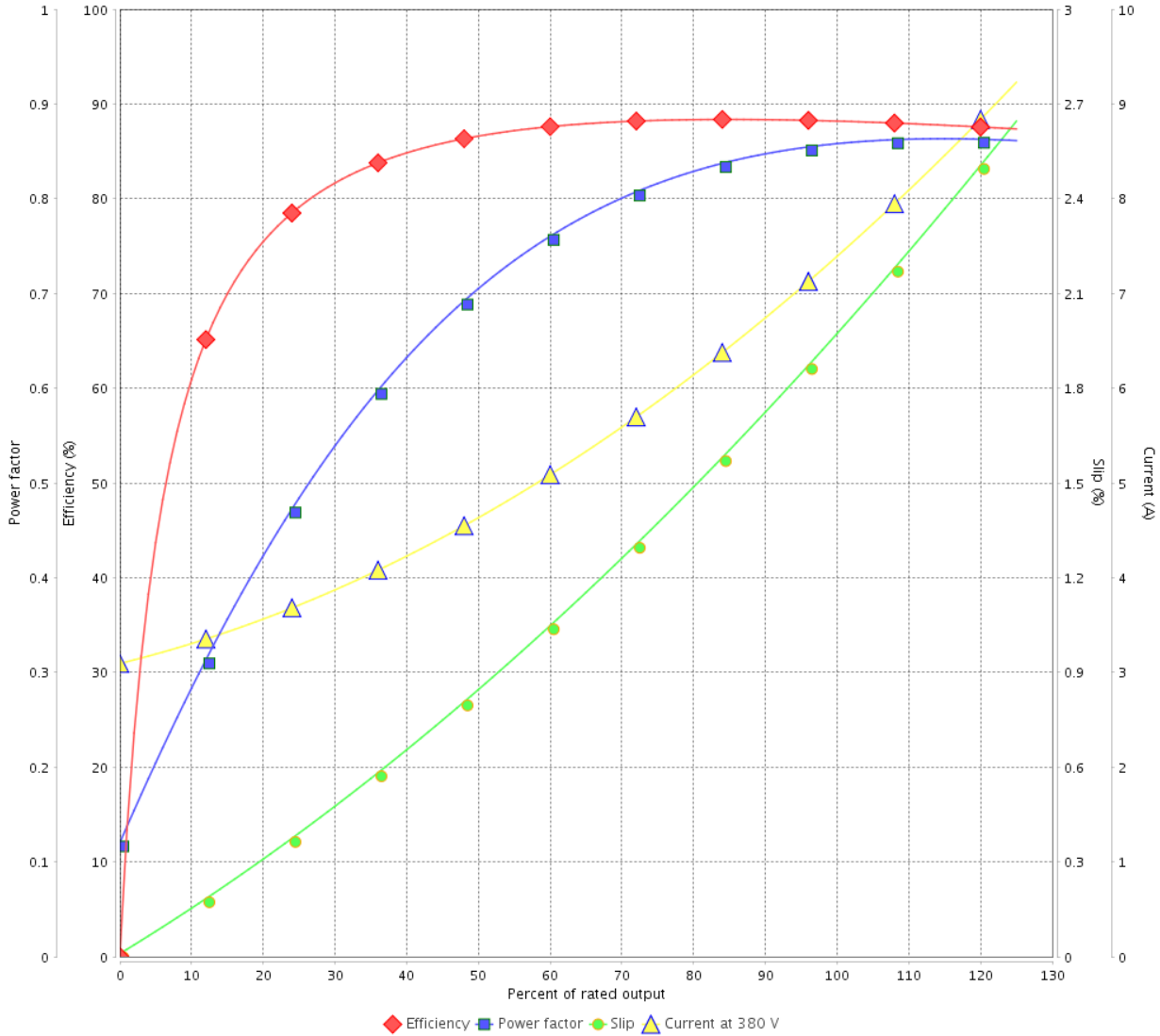
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Performance : 380 V 50 Hz 2P IE3

Rated current : 7.41 A
 LRC : 8.2
 Rated torque : 8.93 ft.lb
 Locked rotor torque : 250 %
 Breakdown torque : 360 %
 Rated speed : 2940 rpm

Moment of inertia (J) : 0.4665 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.25
 Temperature rise : 80 K
 Design : B

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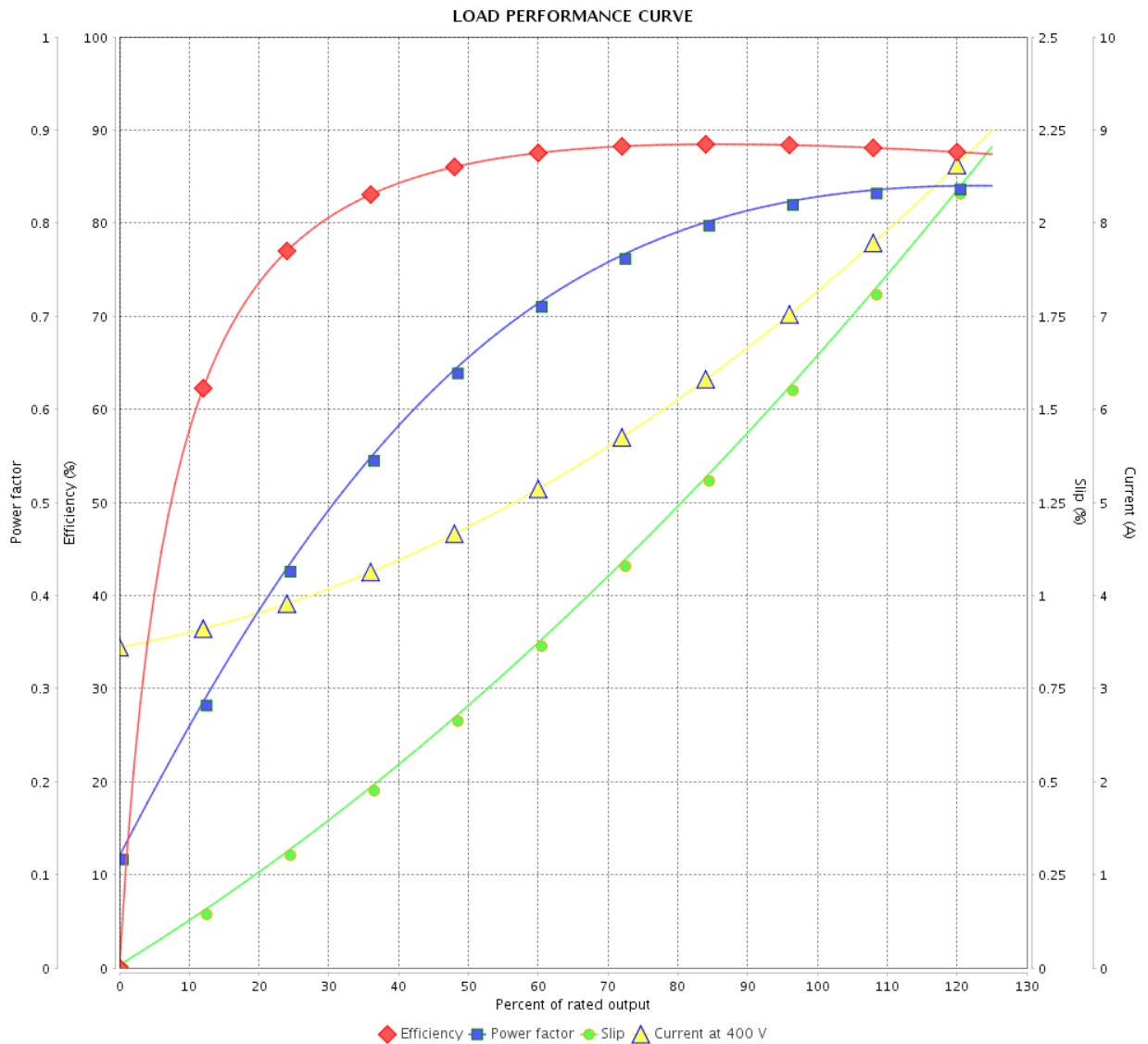


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Performance : 400 V 50 Hz 2P IE3

Rated current : 7.29 A
 LRC : 9.1
 Rated torque : 8.90 ft.lb
 Locked rotor torque : 270 %
 Breakdown torque : 400 %
 Rated speed : 2950 rpm

Moment of inertia (J) : 0.4665 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



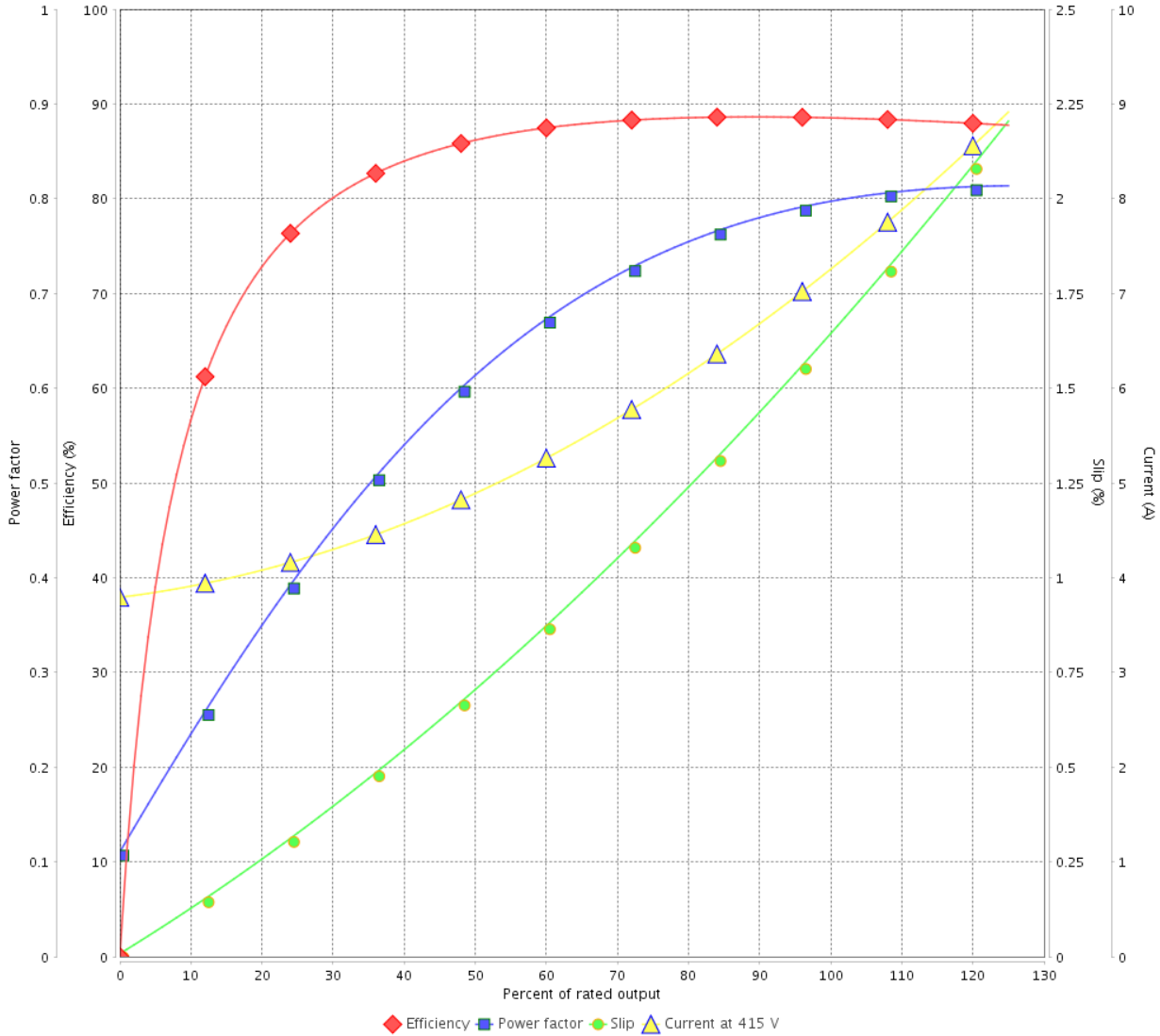
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Product line : NEMA Premium Efficiency Three-Phase

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Performance : 415 V 50 Hz 2P IE3

Rated current : 7.27 A
 LRC : 9.7
 Rated torque : 8.90 ft.lb
 Locked rotor torque : 300 %
 Breakdown torque : 430 %
 Rated speed : 2950 rpm

Moment of inertia (J) : 0.4665 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

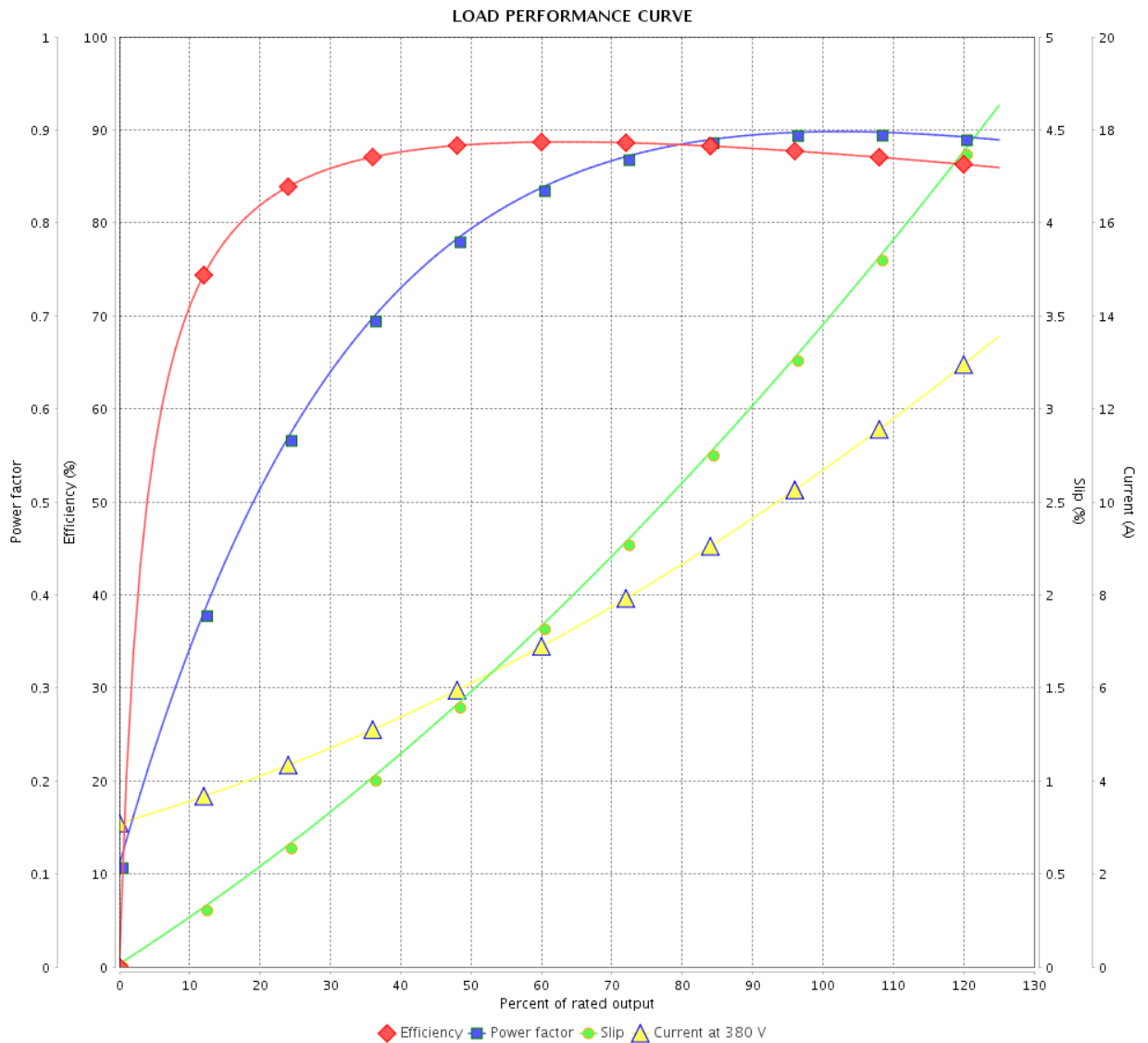


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12378984

Catalog # : 00736ST3QIE213T-W22



Performance : 380 V 50 Hz 2P IE2

Rated current : 10.6 A
 LRC : 5.7
 Rated torque : 13.6 ft.lb
 Locked rotor torque : 160 %
 Breakdown torque : 229 %
 Rated speed : 2895 rpm

Moment of inertia (J) : 0.4665 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.25
 Temperature rise : 105 K
 Design : B

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Three Phase Induction Motor - Squirrel Cage



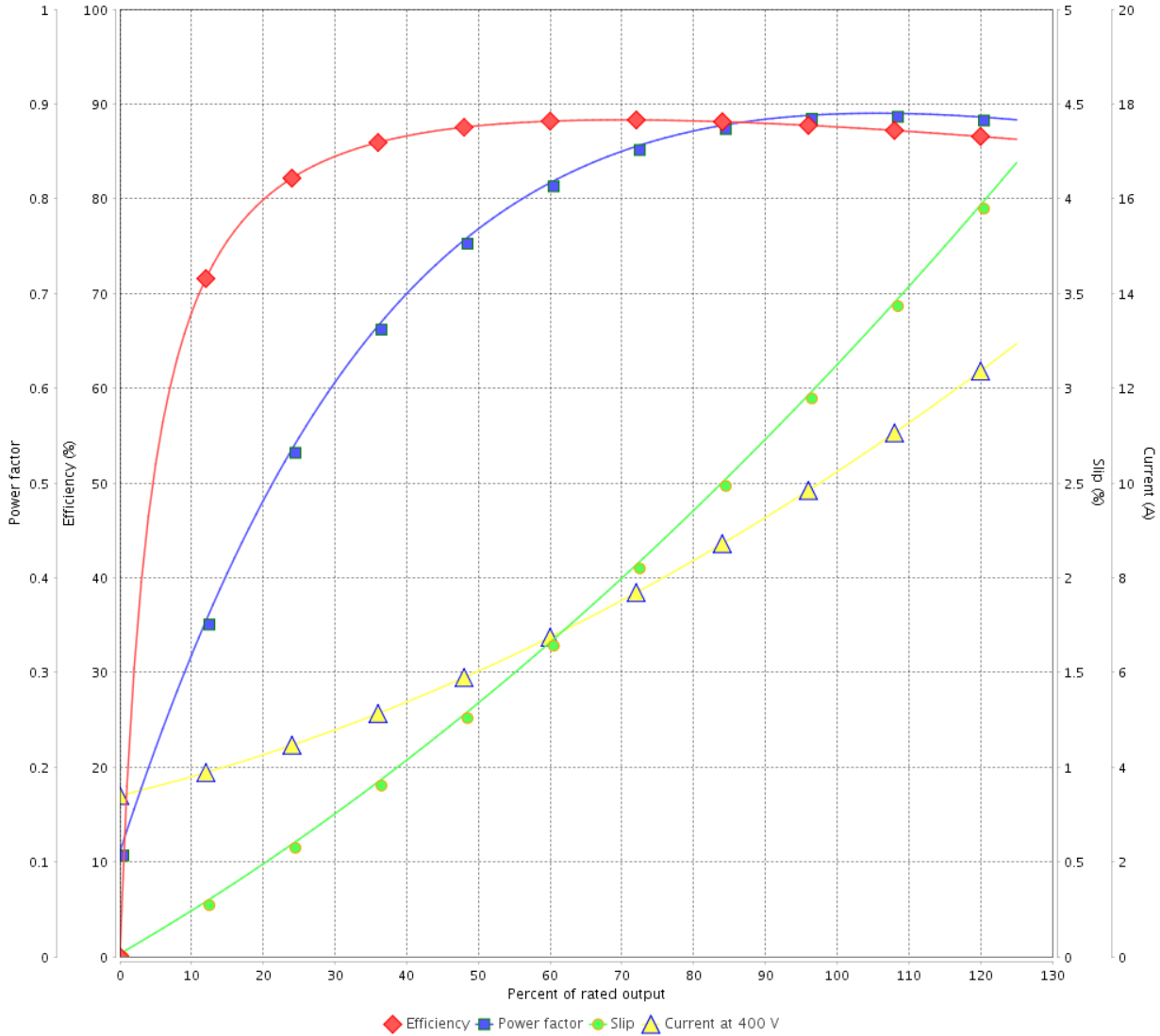
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12378984

Catalog # : 00736ST3QIE213T-W22

LOAD PERFORMANCE CURVE



Performance : 400 V 50 Hz 2P IE2

Rated current : 10.2 A
 LRC : 6.4
 Rated torque : 13.6 ft.lb
 Locked rotor torque : 190 %
 Breakdown torque : 260 %
 Rated speed : 2905 rpm

Moment of inertia (J) : 0.4665 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.25
 Temperature rise : 105 K
 Design : B

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Three Phase Induction Motor - Squirrel Cage

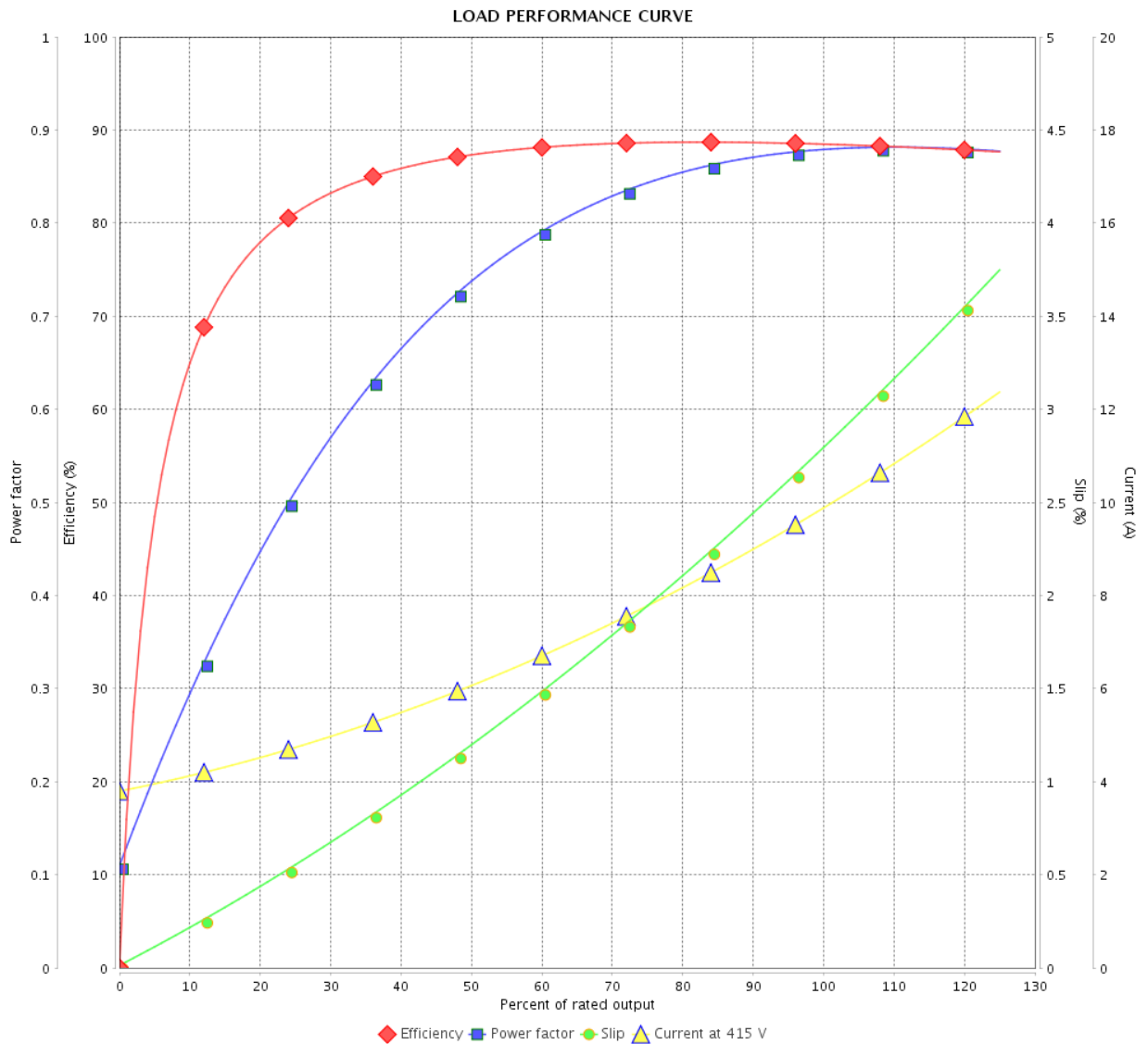


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12378984

Catalog # : 00736ST3QIE213T-W22



Performance : 415 V 50 Hz 2P IE2

Rated current : 9.82 A
 LRC : 6.9
 Rated torque : 13.5 ft.lb
 Locked rotor torque : 200 %
 Breakdown torque : 280 %
 Rated speed : 2915 rpm

Moment of inertia (J) : 0.4665 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.25
 Temperature rise : 80 K
 Design : B

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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer :

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Catalog # : 00736ST3QIE213T-W22

Performance : 460 V 60 Hz 2P

Rated current	: 8.76 A	Moment of inertia (J)	: 0.4665 sq.ft.lb
LRC	: 7.2	Duty cycle	: Cont.(S1)
Rated torque	: 11.2 ft.lb	Insulation class	: F
Locked rotor torque	: 210 %	Service factor	: 1.25
Breakdown torque	: 300 %	Temperature rise	: 80 K
Rated speed	: 3525 rpm	Design	: B

Heating constant

Cooling constant

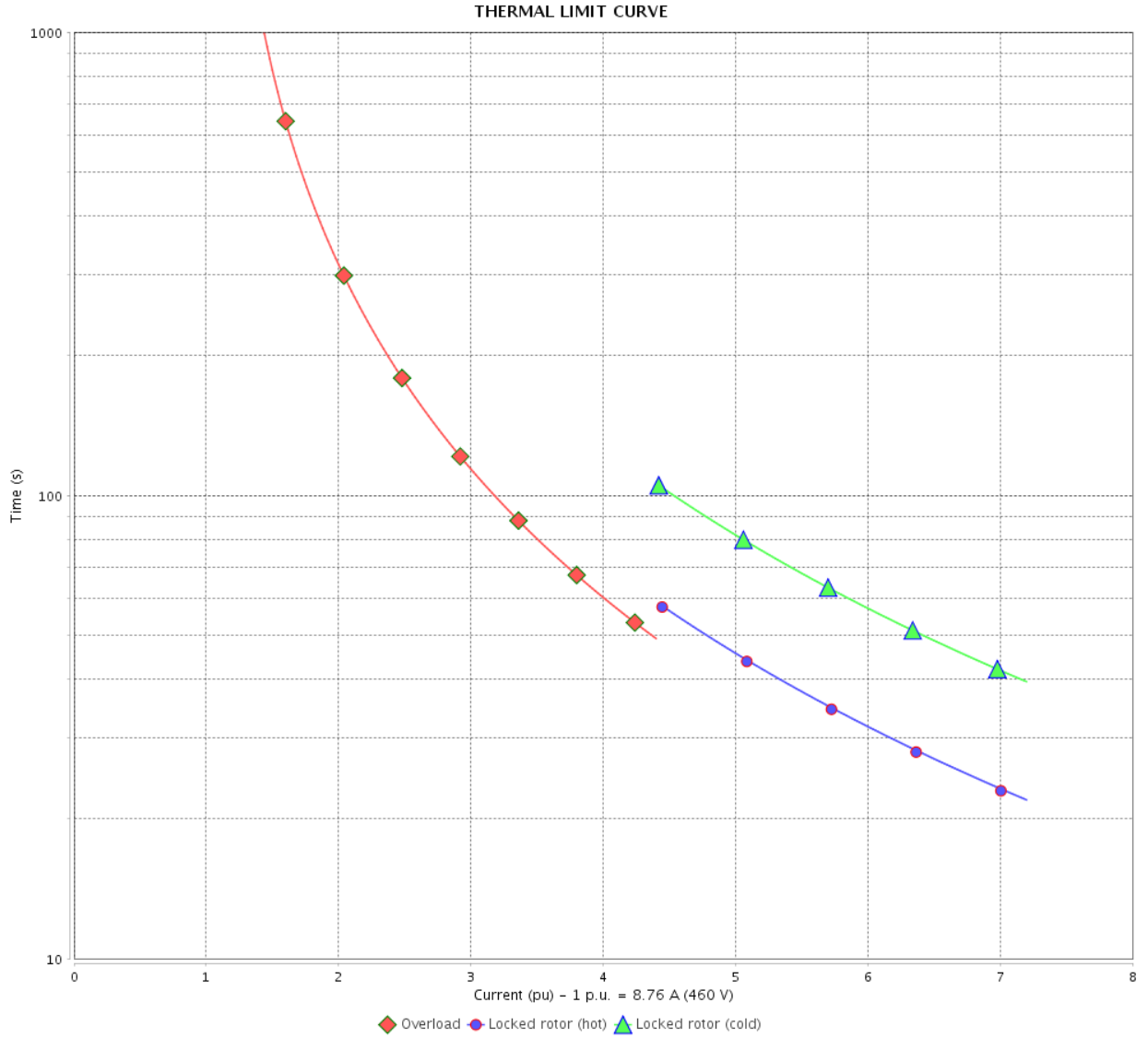
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THERMAL LIMIT CURVE



Three Phase Induction Motor - Squirrel Cage

Customer :

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Product code : 12378984
Catalog # : 00736ST3QIE213T-W22

Performance : 380 V 50 Hz 2P IE3

Rated current	: 7.41 A	Moment of inertia (J)	: 0.4665 sq.ft.lb
LRC	: 8.2	Duty cycle	: Cont.(S1)
Rated torque	: 8.93 ft.lb	Insulation class	: F
Locked rotor torque	: 250 %	Service factor	: 1.25
Breakdown torque	: 360 %	Temperature rise	: 80 K
Rated speed	: 2940 rpm	Design	: B

Heating constant

Cooling constant

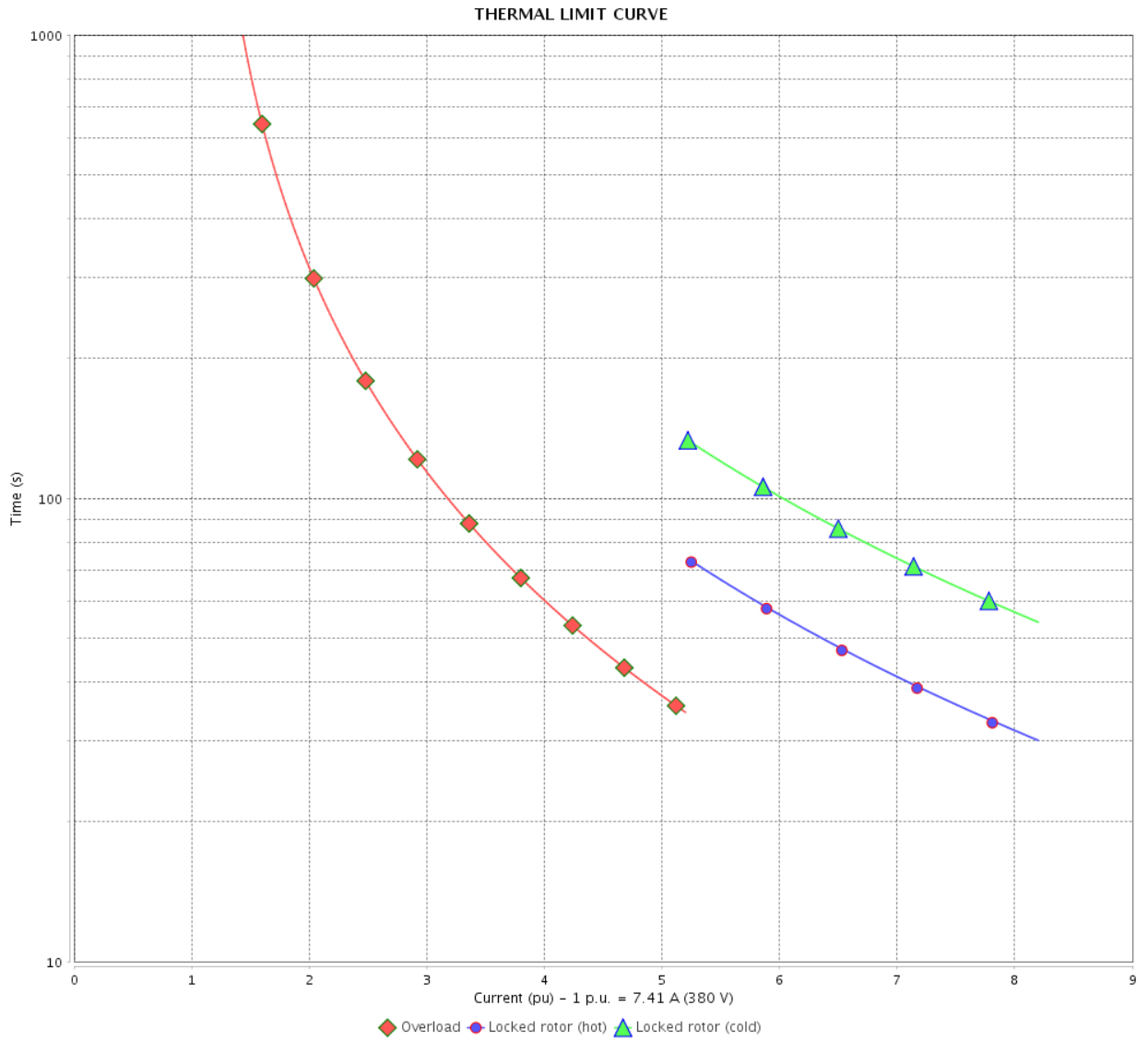
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Three Phase Induction Motor - Squirrel Cage

Customer :

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Product code : 12378984
Catalog # : 00736ST3QIE213T-W22

Performance : 400 V 50 Hz 2P IE3

Rated current	: 7.29 A	Moment of inertia (J)	: 0.4665 sq.ft.lb
LRC	: 9.1	Duty cycle	: Cont.(S1)
Rated torque	: 8.90 ft.lb	Insulation class	: F
Locked rotor torque	: 270 %	Service factor	: 1.25
Breakdown torque	: 400 %	Temperature rise	: 80 K
Rated speed	: 2950 rpm	Design	: B

Heating constant

Cooling constant

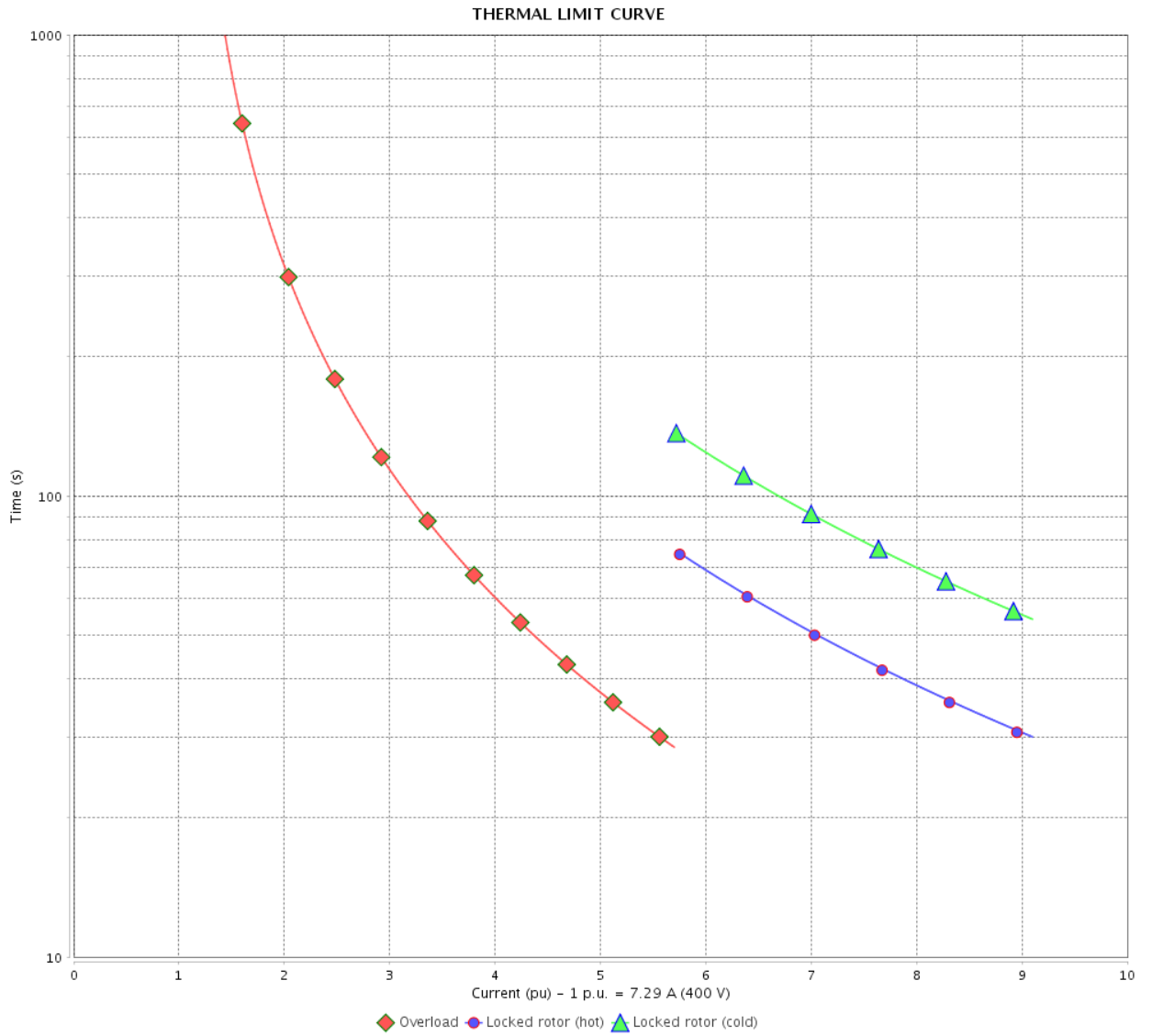
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Performance : 415 V 50 Hz 2P IE3

Rated current	: 7.27 A	Moment of inertia (J)	: 0.4665 sq.ft.lb
LRC	: 9.7	Duty cycle	: Cont.(S1)
Rated torque	: 8.90 ft.lb	Insulation class	: F
Locked rotor torque	: 300 %	Service factor	: 1.25
Breakdown torque	: 430 %	Temperature rise	: 80 K
Rated speed	: 2950 rpm	Design	: B

Heating constant

Cooling constant

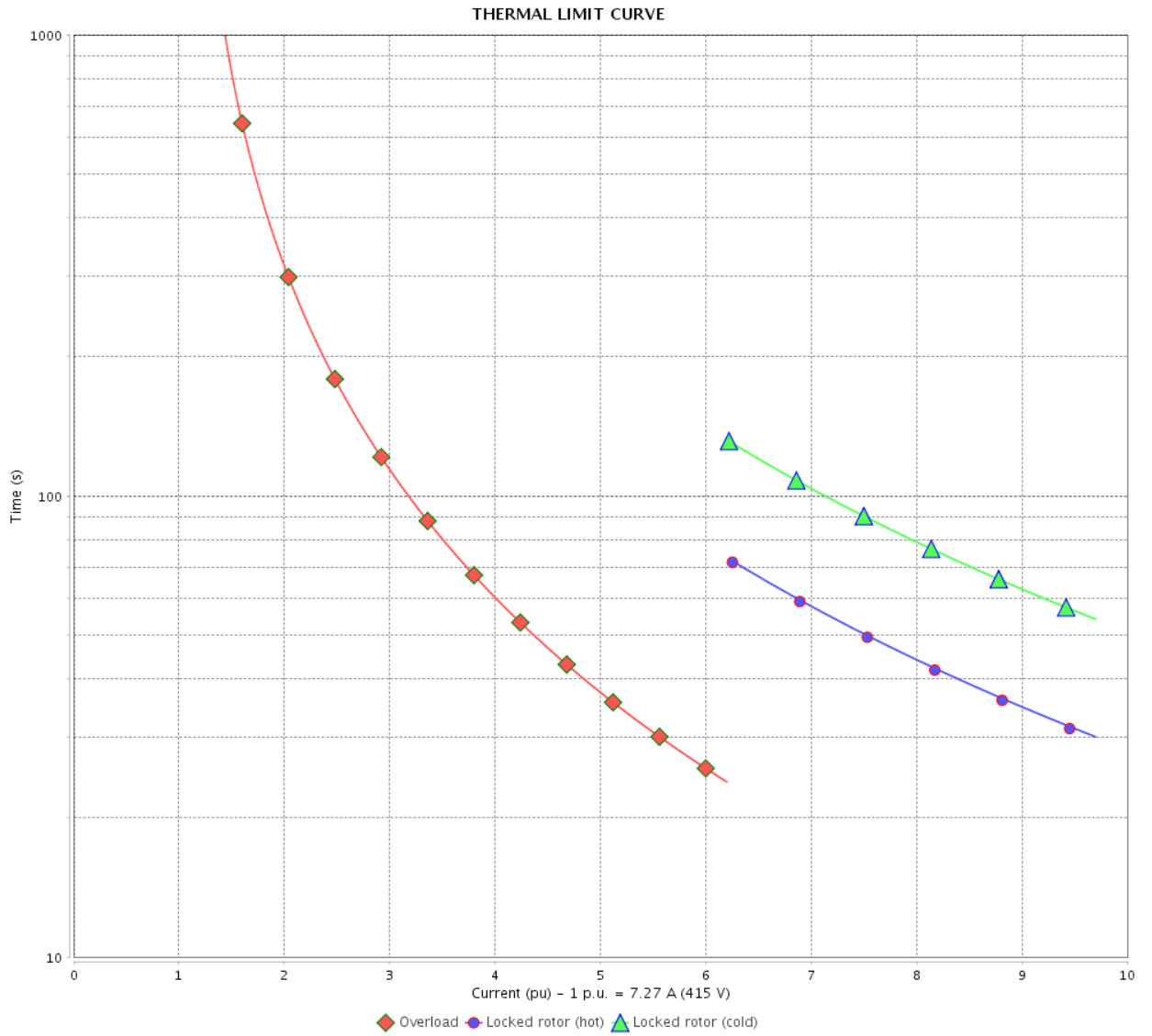
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Catalog # : 00736ST3QIE213T-W22

Performance : 380 V 50 Hz 2P IE2

Rated current	: 10.6 A	Moment of inertia (J)	: 0.4665 sq.ft.lb
LRC	: 5.7	Duty cycle	: Cont.(S1)
Rated torque	: 13.6 ft.lb	Insulation class	: F
Locked rotor torque	: 160 %	Service factor	: 1.25
Breakdown torque	: 229 %	Temperature rise	: 105 K
Rated speed	: 2895 rpm	Design	: B

Heating constant

Cooling constant

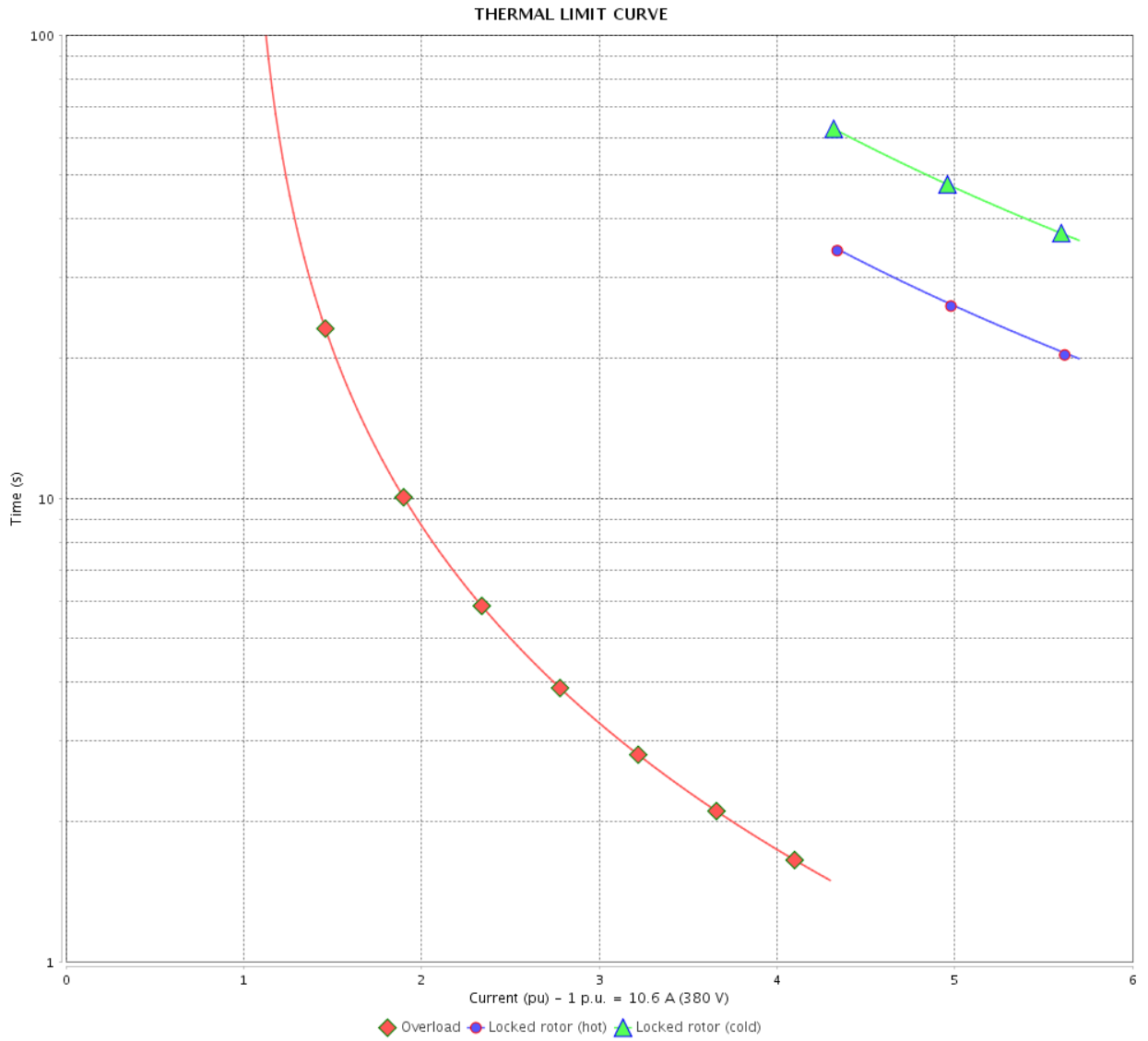
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Product code : 12378984
Catalog # : 00736ST3QIE213T-W22

Performance : 400 V 50 Hz 2P IE2

Rated current	: 10.2 A	Moment of inertia (J)	: 0.4665 sq.ft.lb
LRC	: 6.4	Duty cycle	: Cont.(S1)
Rated torque	: 13.6 ft.lb	Insulation class	: F
Locked rotor torque	: 190 %	Service factor	: 1.25
Breakdown torque	: 260 %	Temperature rise	: 105 K
Rated speed	: 2905 rpm	Design	: B

Heating constant

Cooling constant

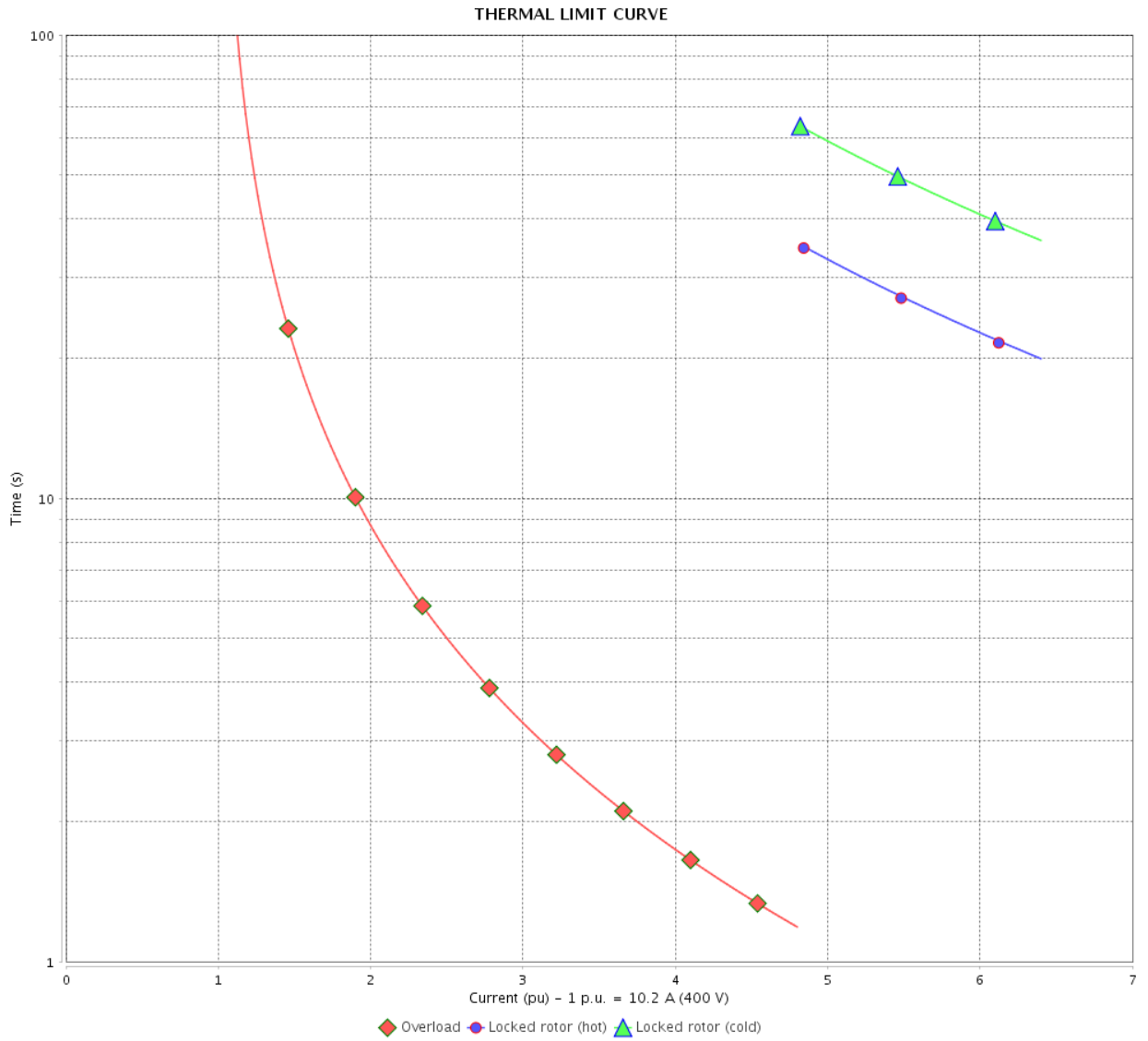
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
Date	13/04/2022		26 / 36	

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 : 12378984
Catalog # : 00736ST3QIE213T-W22

Performance : 415 V 50 Hz 2P IE2

Rated current	: 9.82 A	Moment of inertia (J)	: 0.4665 sq.ft.lb
LRC	: 6.9	Duty cycle	: Cont.(S1)
Rated torque	: 13.5 ft.lb	Insulation class	: F
Locked rotor torque	: 200 %	Service factor	: 1.25
Breakdown torque	: 280 %	Temperature rise	: 80 K
Rated speed	: 2915 rpm	Design	: B

Heating constant

Cooling constant

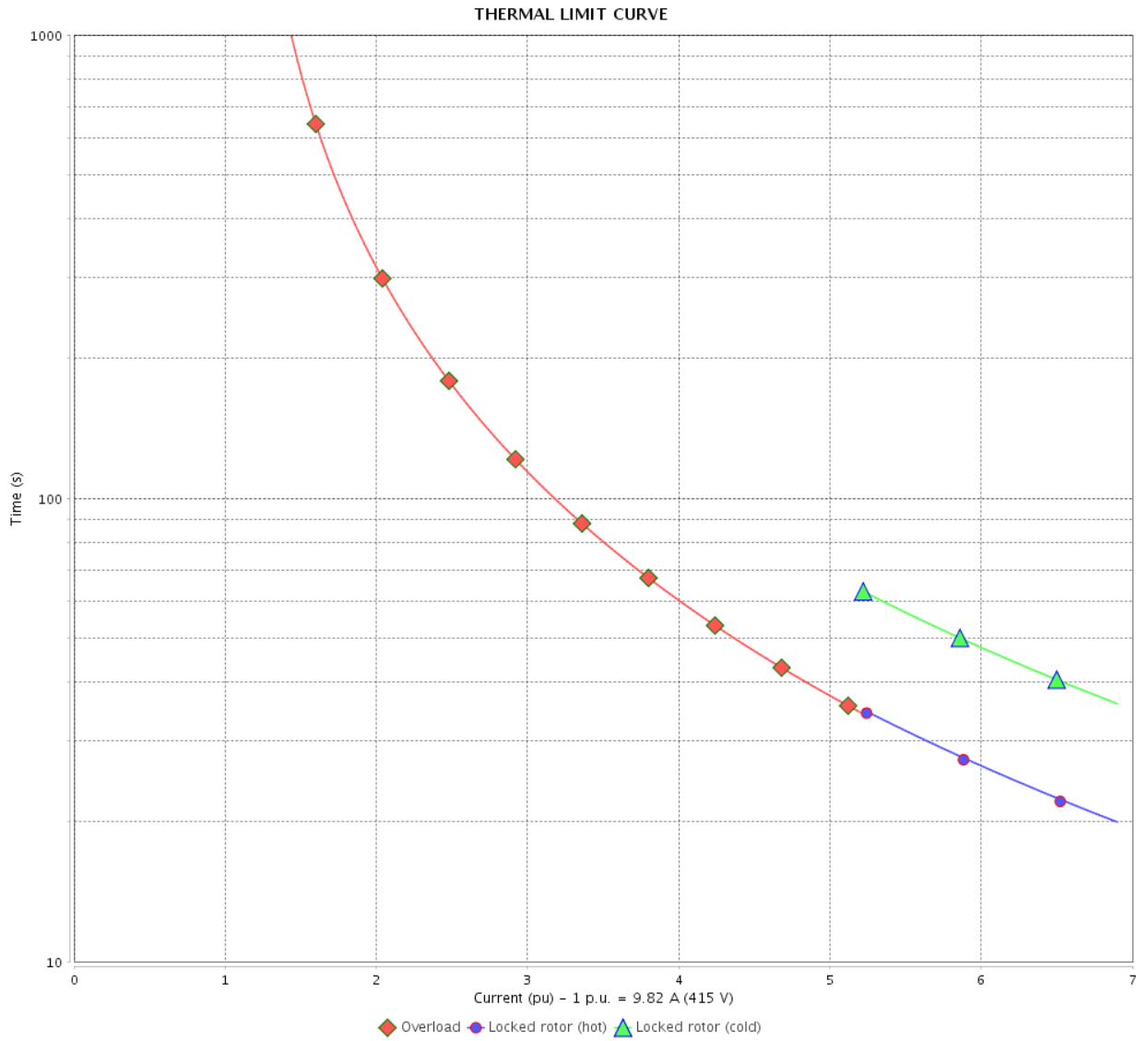
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Performed by				
Checked by			Page	Revision
Date	13/04/2022		28 / 36	

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____



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Checked by				
Date				

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



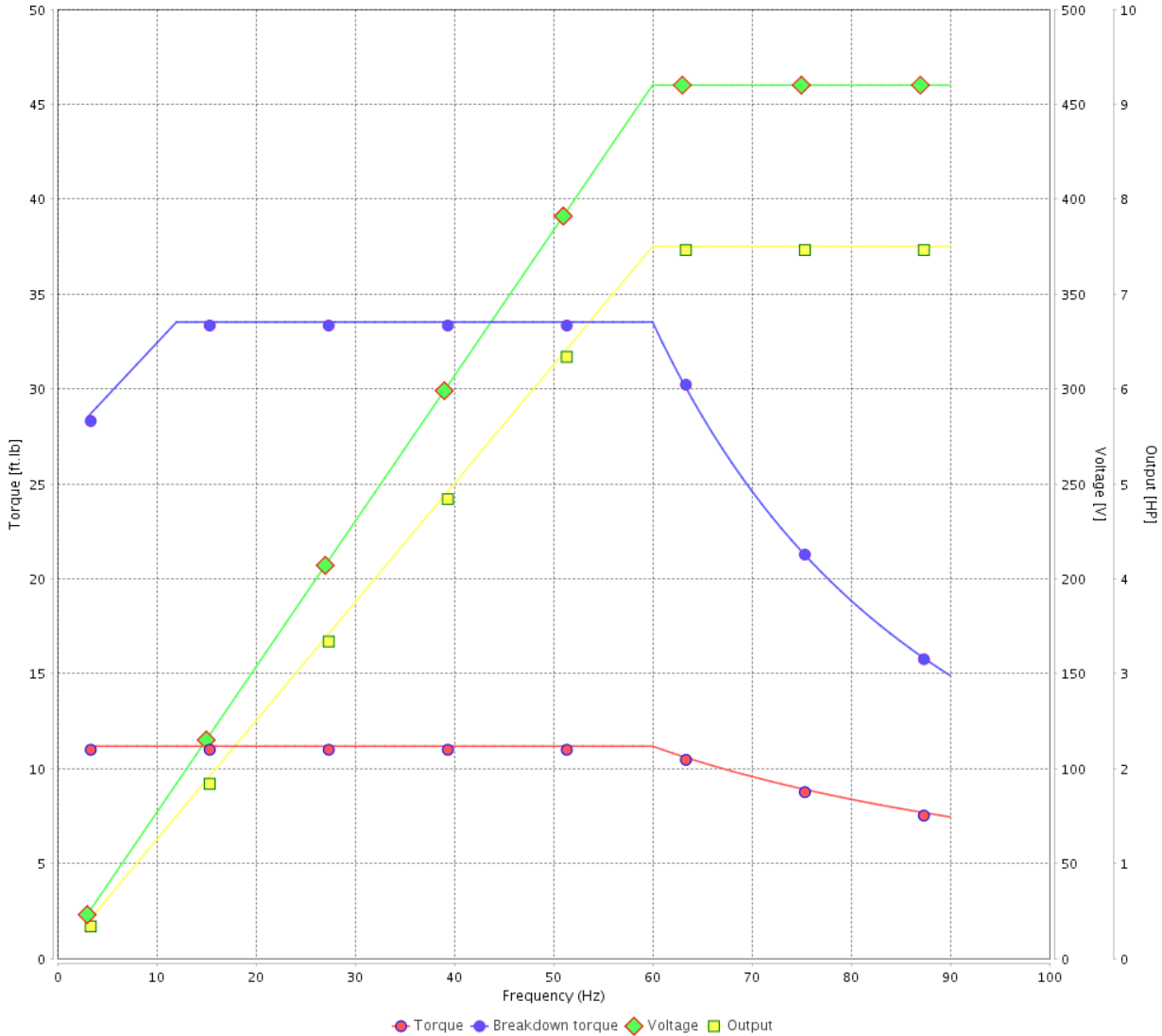
Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12378984

Catalog # : 00736ST3QIE213T-W22

VFD OPERATION CURVE



Performance : 460 V 60 Hz 2P

Rated current : 8.76 A
 LRC : 7.2
 Rated torque : 11.2 ft.lb
 Locked rotor torque : 210 %
 Breakdown torque : 300 %
 Rated speed : 3525 rpm

Moment of inertia (J) : 0.4665 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 30 / 36	Revision
Checked by				
Date	13/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

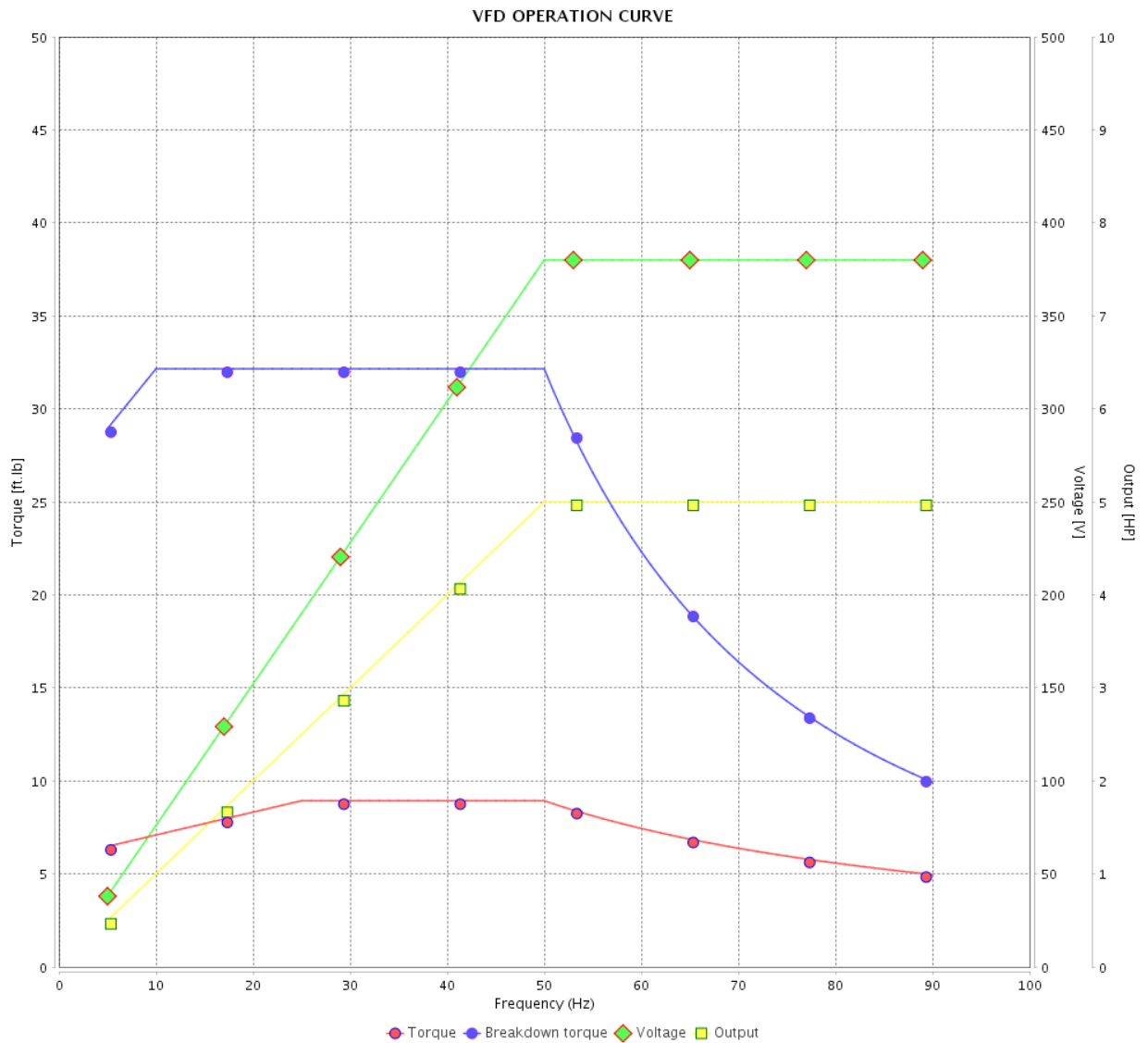


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12378984

Catalog # : 00736ST3QIE213T-W22



Performance : 380 V 50 Hz 2P IE3

Rated current : 7.41 A
 LRC : 8.2
 Rated torque : 8.93 ft.lb
 Locked rotor torque : 250 %
 Breakdown torque : 360 %
 Rated speed : 2940 rpm

Moment of inertia (J) : 0.4665 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		31 / 36		
Date		13/04/2022		

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



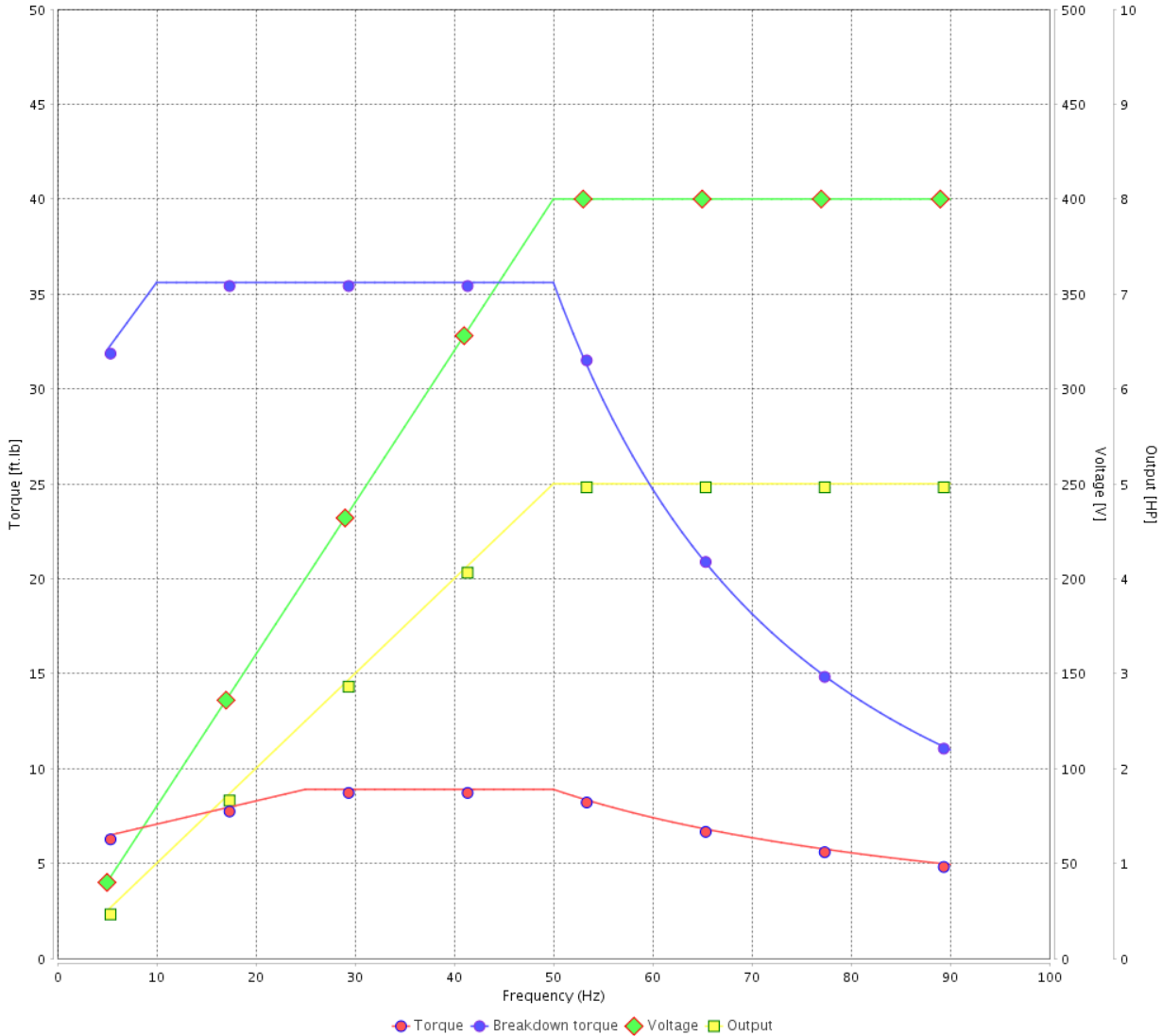
Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12378984

Catalog # : 00736ST3QIE213T-W22

VFD OPERATION CURVE



Performance : 400 V 50 Hz 2P IE3

Rated current : 7.29 A
 LRC : 9.1
 Rated torque : 8.90 ft.lb
 Locked rotor torque : 270 %
 Breakdown torque : 400 %
 Rated speed : 2950 rpm

Moment of inertia (J) : 0.4665 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 32 / 36	Revision
Checked by				
Date	13/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

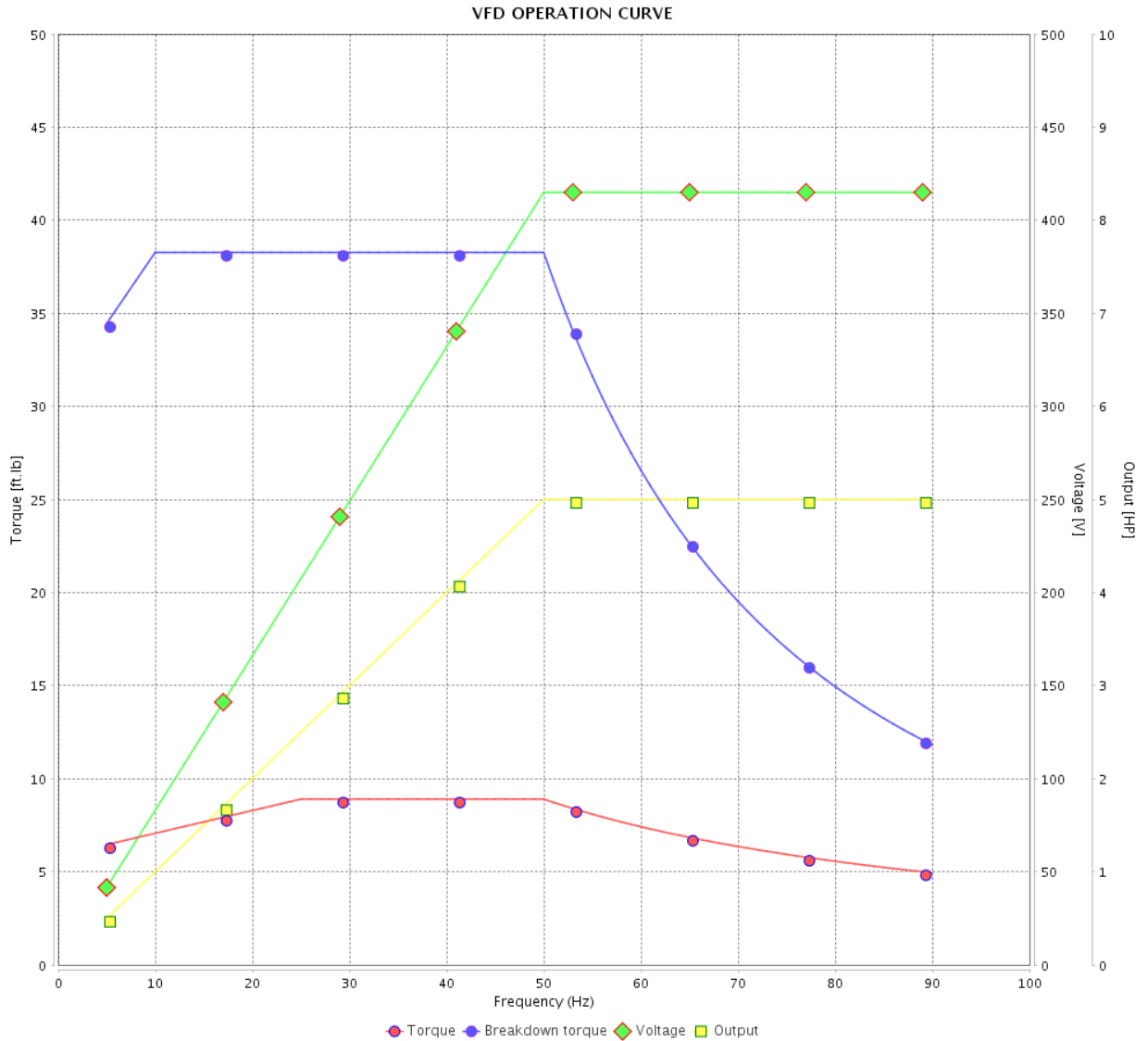


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12378984

Catalog # : 00736ST3QIE213T-W22



Performance : 415 V 50 Hz 2P IE3

Rated current : 7.27 A
 LRC : 9.7
 Rated torque : 8.90 ft.lb
 Locked rotor torque : 300 %
 Breakdown torque : 430 %
 Rated speed : 2950 rpm

Moment of inertia (J) : 0.4665 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 33 / 36	Revision
Checked by				
Date	13/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



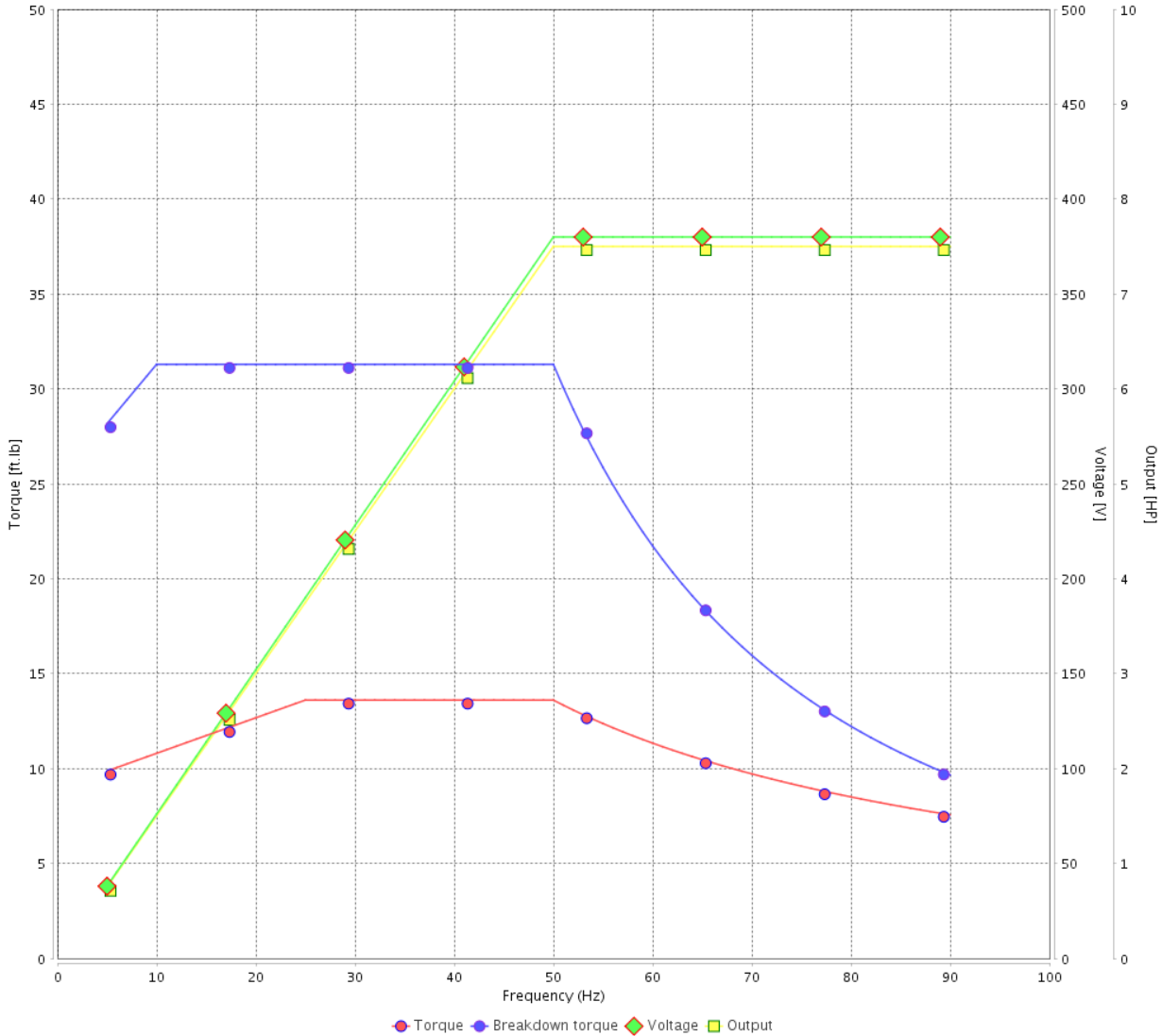
Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12378984

Catalog # : 00736ST3QIE213T-W22

VFD OPERATION CURVE



Performance : 380 V 50 Hz 2P IE2

Rated current : 10.6 A
 LRC : 5.7
 Rated torque : 13.6 ft.lb
 Locked rotor torque : 160 %
 Breakdown torque : 229 %
 Rated speed : 2895 rpm

Moment of inertia (J) : 0.4665 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.25
 Temperature rise : 105 K
 Design : B

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Performed by			Page 34 / 36	Revision
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Date	13/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

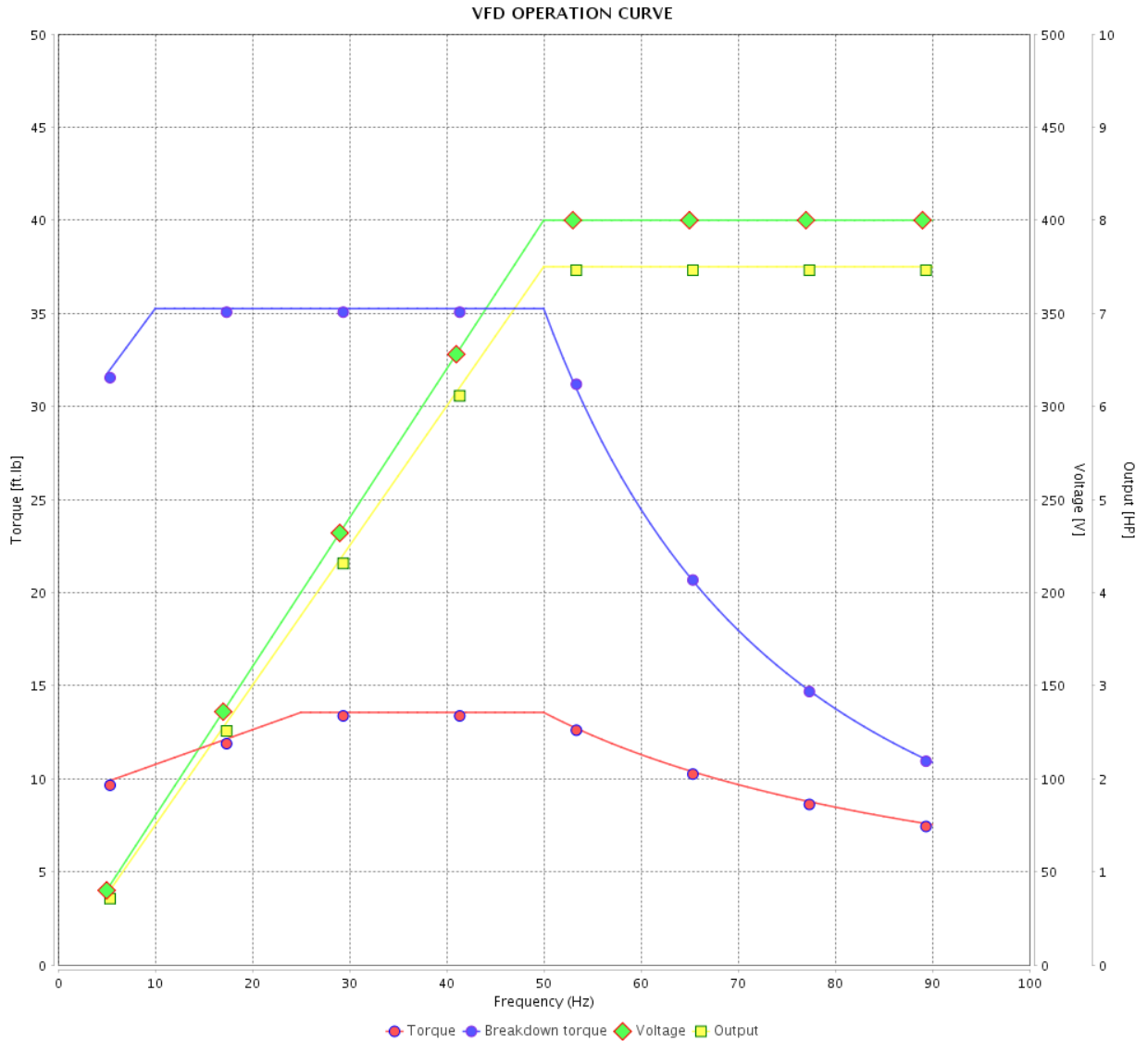


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12378984

Catalog # : 00736ST3QIE213T-W22



Performance : 400 V 50 Hz 2P IE2

Rated current : 10.2 A
 LRC : 6.4
 Rated torque : 13.6 ft.lb
 Locked rotor torque : 190 %
 Breakdown torque : 260 %
 Rated speed : 2905 rpm

Moment of inertia (J) : 0.4665 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.25
 Temperature rise : 105 K
 Design : B

Rev.	Changes Summary	Performed	Checked	Date
Performed by				Page 35 / 36
Checked by				
Date	13/04/2022			
				Revision

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

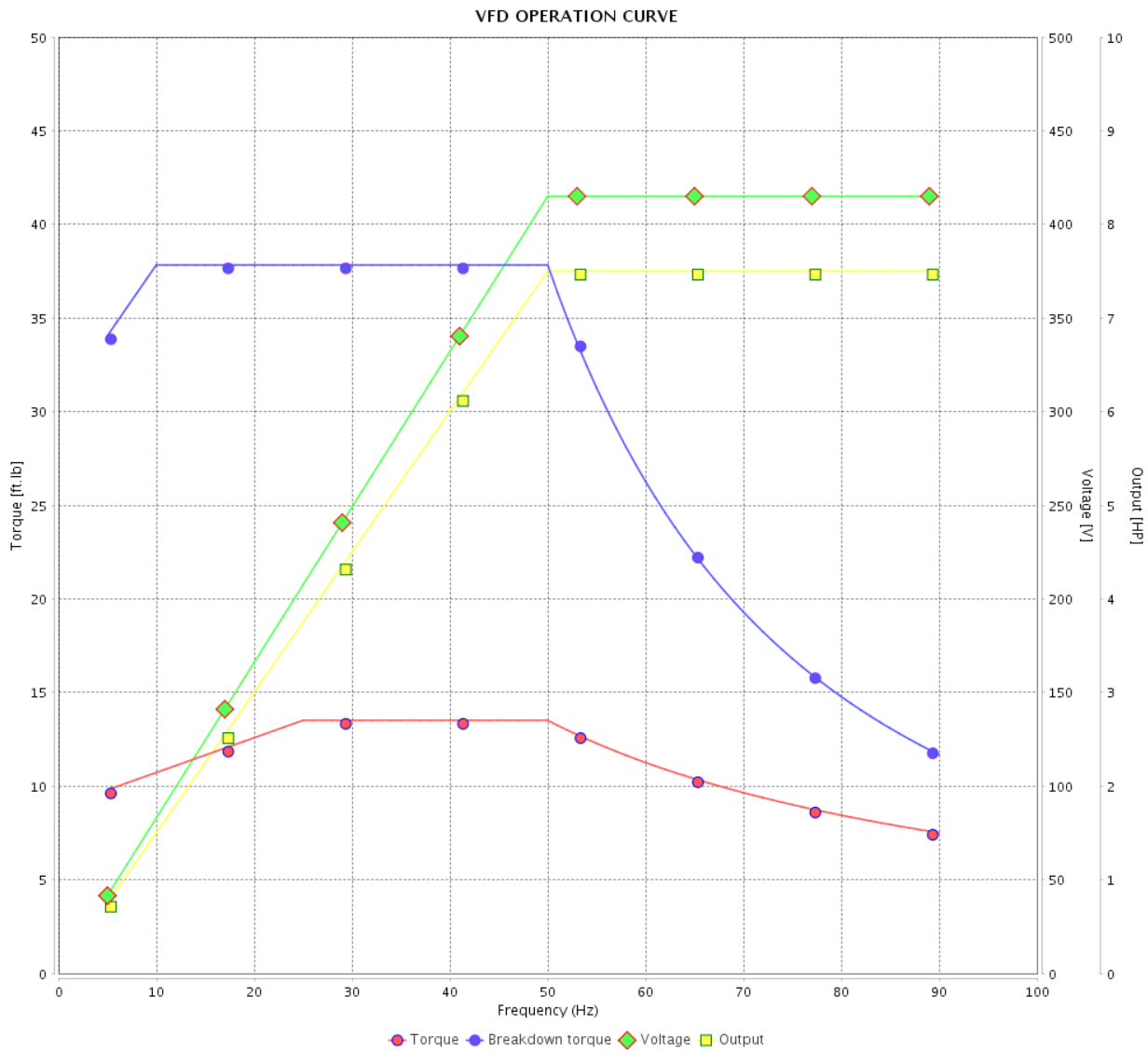


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12378984

Catalog # : 00736ST3QIE213T-W22



Performance : 415 V 50 Hz 2P IE2

Rated current : 9.82 A
 LRC : 6.9
 Rated torque : 13.5 ft.lb
 Locked rotor torque : 200 %
 Breakdown torque : 280 %
 Rated speed : 2915 rpm

Moment of inertia (J) : 0.4665 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.25
 Temperature rise : 80 K
 Design : B

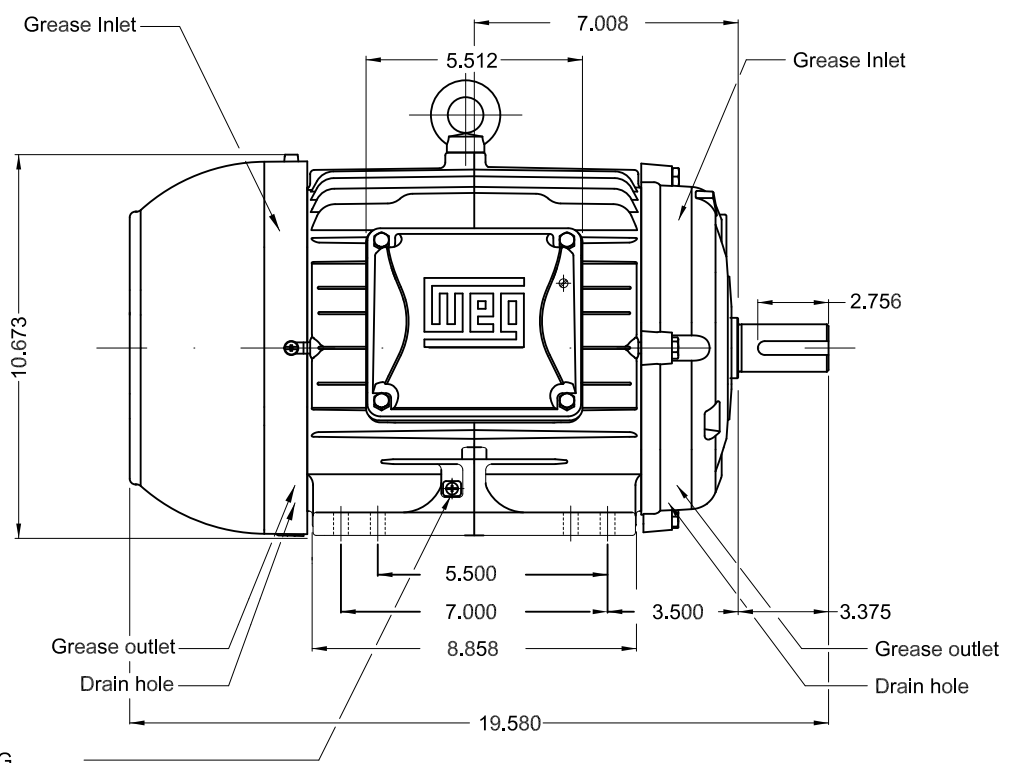
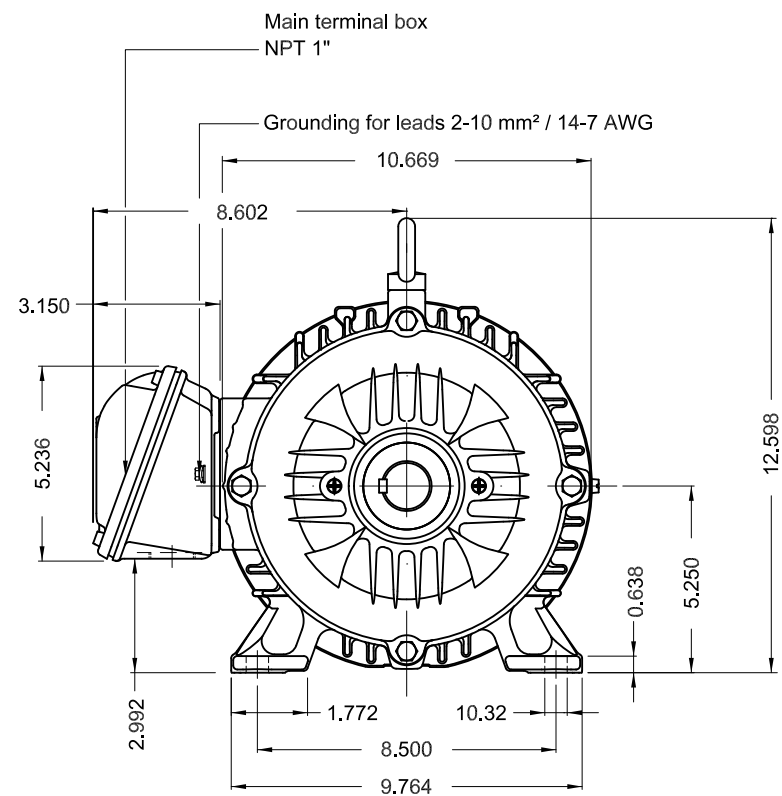
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Performed by			Page	Revision
Checked by				
Date				

1 2 3 4 5 6

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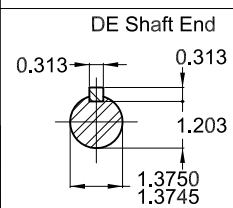


Grounding for leads 2-10 mm² / 14-7 AWG

D

E

Color RAL 5009
 Painting plan 202E
 Mounting B3R(D)



7.5 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 213/5T IP55 TEFC					
RELEASED							
REL DT.	WMO	Jaragua do Sul	Product Engineering	SHEET	1 / 1		

PREVIEW
WDD



MADE IN BRAZIL
12378984



NEMA
Premium



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 00736ST3QIE213T-W22

Inverter Duty Motor
Severe Duty

IEEE
841-2009



FOR SAFE AREA
Mod. TE1BFOXON
CC029A

PH3 60Hz Fr. 213/5T 1000m.a.s.l. IP55 TEFC 147lb

V 460

A 8.76

HP 7.5

kW 5.5

SF 1.25

SFA 10.9

RPM 3525

PF 0.88

AMB 40°C

INS cl. F DT80K

NEMA NOM EFF 89.5%

DUTY CONT.

DES B Code H

GUARANT. EFF 87.5%

