

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer :							
Product line	: NEMA Premium Efficiency Three-Phase	Product code :	13472774				
		Catalog # :	01536ET3E215JP-W22				
Frame	: 213/5JP	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	: 180 lb				
Protection degree	: IP55	Moment of inertia (J)	: 0.6362 sq.ft.lb				
Design	: A						
Output [HP]	15	10	10	10	15	15	15
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]	34.0/17.0	14.5	14.1	14.0	20.6	19.7	19.3
L. R. Amperes [A]	269/134	125	133	140	134	142	149
LRC [A]	7.9x(Code J)	8.6x(Code K)	9.4x(Code L)	10.0x(Code M)	6.5x(Code G)	7.2x(Code H)	7.7x(Code J)
No load current [A]	11.6/5.80	5.60	6.20	6.70	5.60	6.20	6.70
Rated speed [RPM]	3520	2940	2945	2950	2885	2900	2910
Slip [%]	2.22	2.00	1.83	1.67	3.83	3.33	3.00
Rated torque [ft.lb]	22.4	17.9	17.8	17.8	27.3	27.2	27.1
Locked rotor torque [%]	240	280	320	340	190	220	240
Breakdown torque [%]	280	340	380	420	220	250	280
Service factor	1.25	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)	21s (cold) 12s (hot)	21s (cold) 12s (hot)	21s (cold) 12s (hot)	10s (cold) 6s (hot)	12s (cold) 7s (hot)	12s (cold) 7s (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%	90.2	89.5	89.0	88.5	88.5	89.0
	75%	91.0	90.1	90.1	90.1	89.0	89.5
	100%	91.0	90.1	90.1	90.1	89.0	89.7
Power Factor	25%						
	50%	0.76	0.72	0.68	0.64	0.81	0.78
	75%	0.85	0.82	0.79	0.77	0.88	0.86
	100%	0.89	0.87	0.85	0.83	0.91	0.90
Bearing type	: Drive end 6309 Z C3	Non drive end 6207 ZZ	Foundation loads				
Sealing	: V'Ring	V'Ring	Max. traction	: 337 lb			
Lubrication interval	: 19000 h	40000 h	Max. compression	: 518 lb			
Lubricant amount	: 13 g	0 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



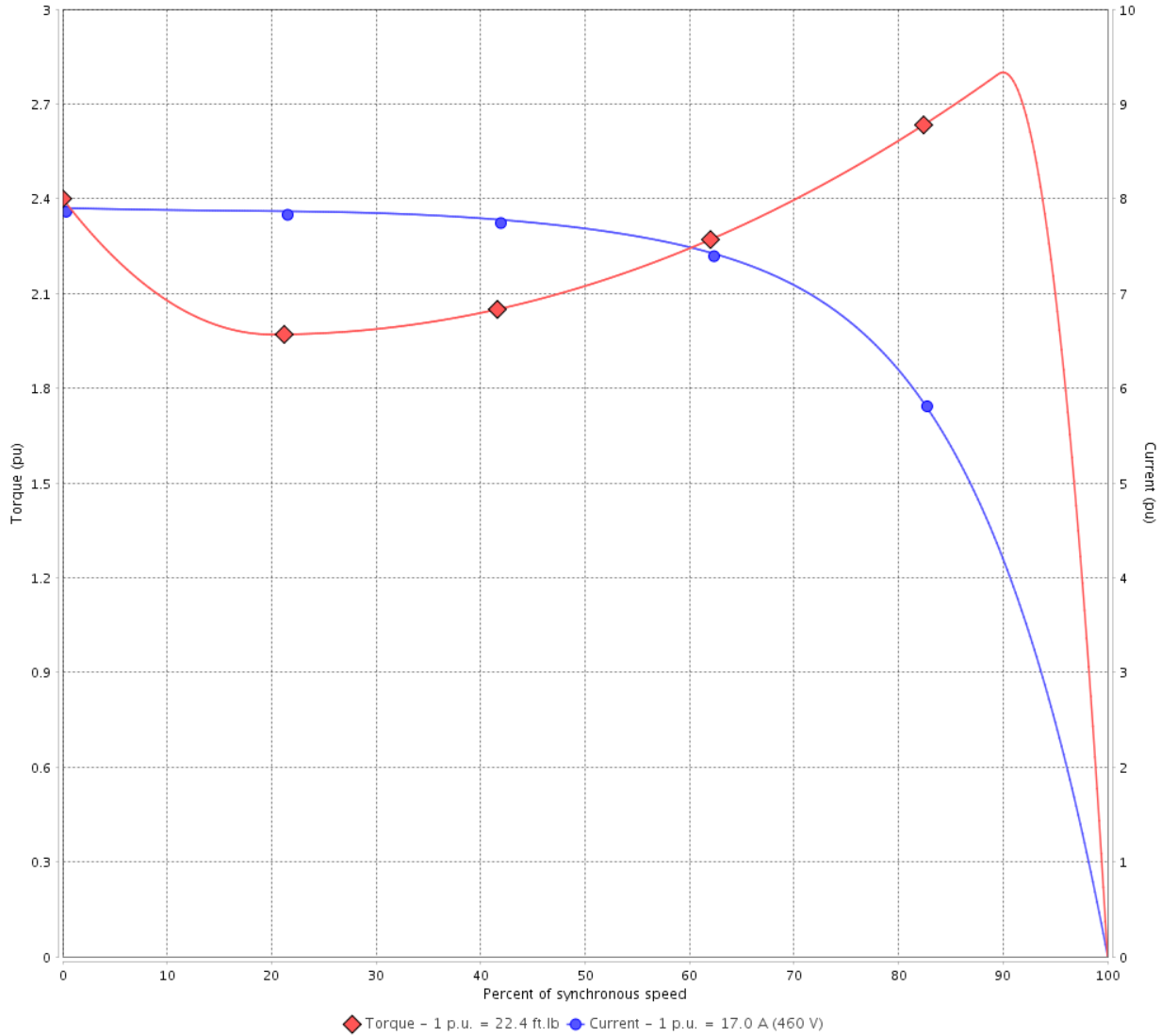
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472774

Catalog # : 01536ET3E215JP-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 230/460 V 60 Hz 2P

Rated current	: 34.0/17.0 A	Moment of inertia (J)	: 0.6362 sq.ft.lb
LRC	: 7.9	Duty cycle	: Cont.(S1)
Rated torque	: 22.4 ft.lb	Insulation class	: F
Locked rotor torque	: 240 %	Service factor	: 1.25
Breakdown torque	: 280 %	Temperature rise	: 80 K
Rated speed	: 3520 rpm	Design	: A

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

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TORQUE AND CURRENT VS SPEED CURVE



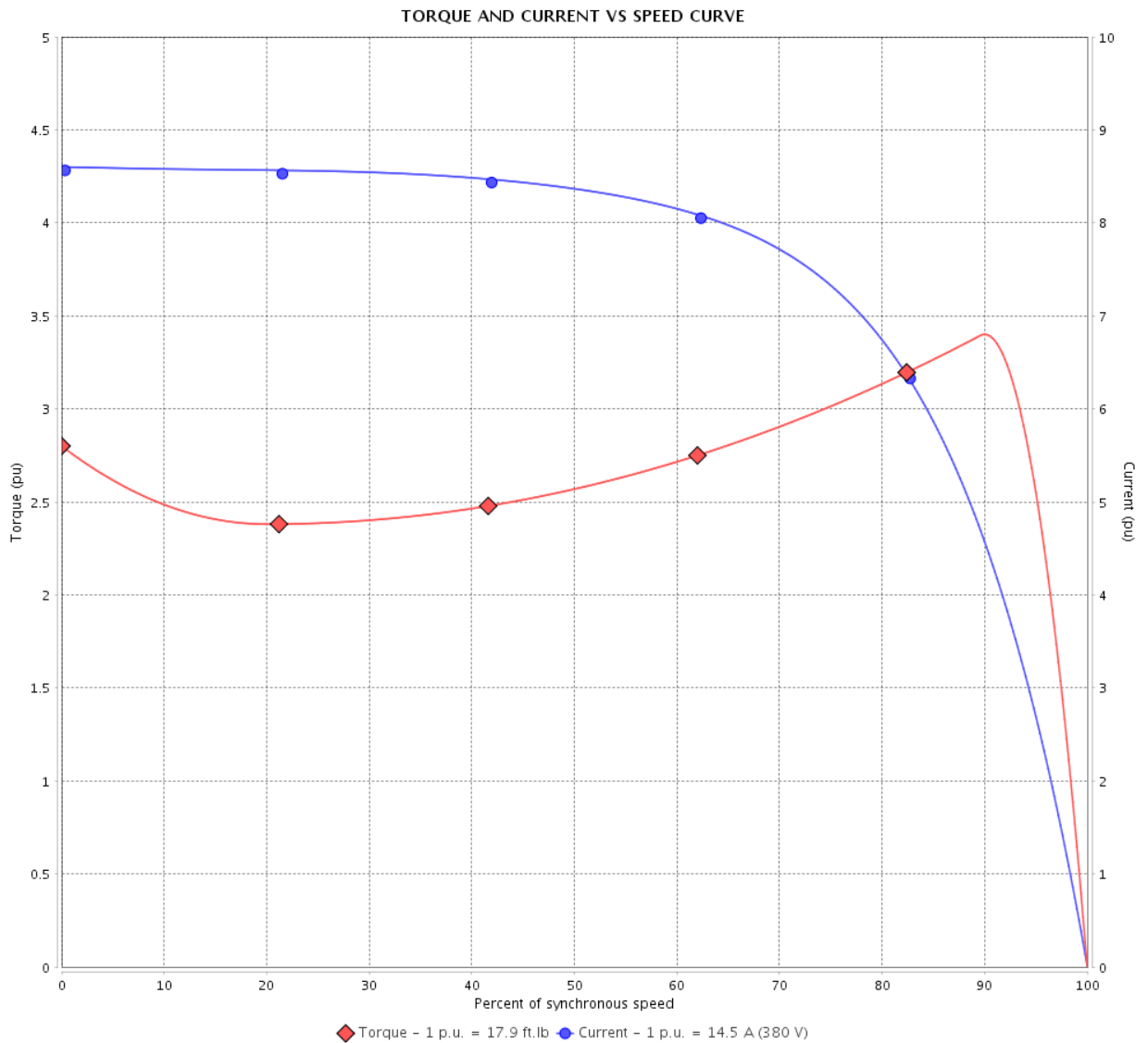
Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472774

Catalog # : 01536ET3E215JP-W22



Performance : 380 V 50 Hz 2P IE3

Rated current	: 14.5 A	Moment of inertia (J)	: 0.6362 sq.ft.lb
LRC	: 8.6	Duty cycle	: Cont.(S1)
Rated torque	: 17.9 ft.lb	Insulation class	: F
Locked rotor torque	: 280 %	Service factor	: 1.15
Breakdown torque	: 340 %	Temperature rise	: 80 K
Rated speed	: 2940 rpm	Design	: A

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

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



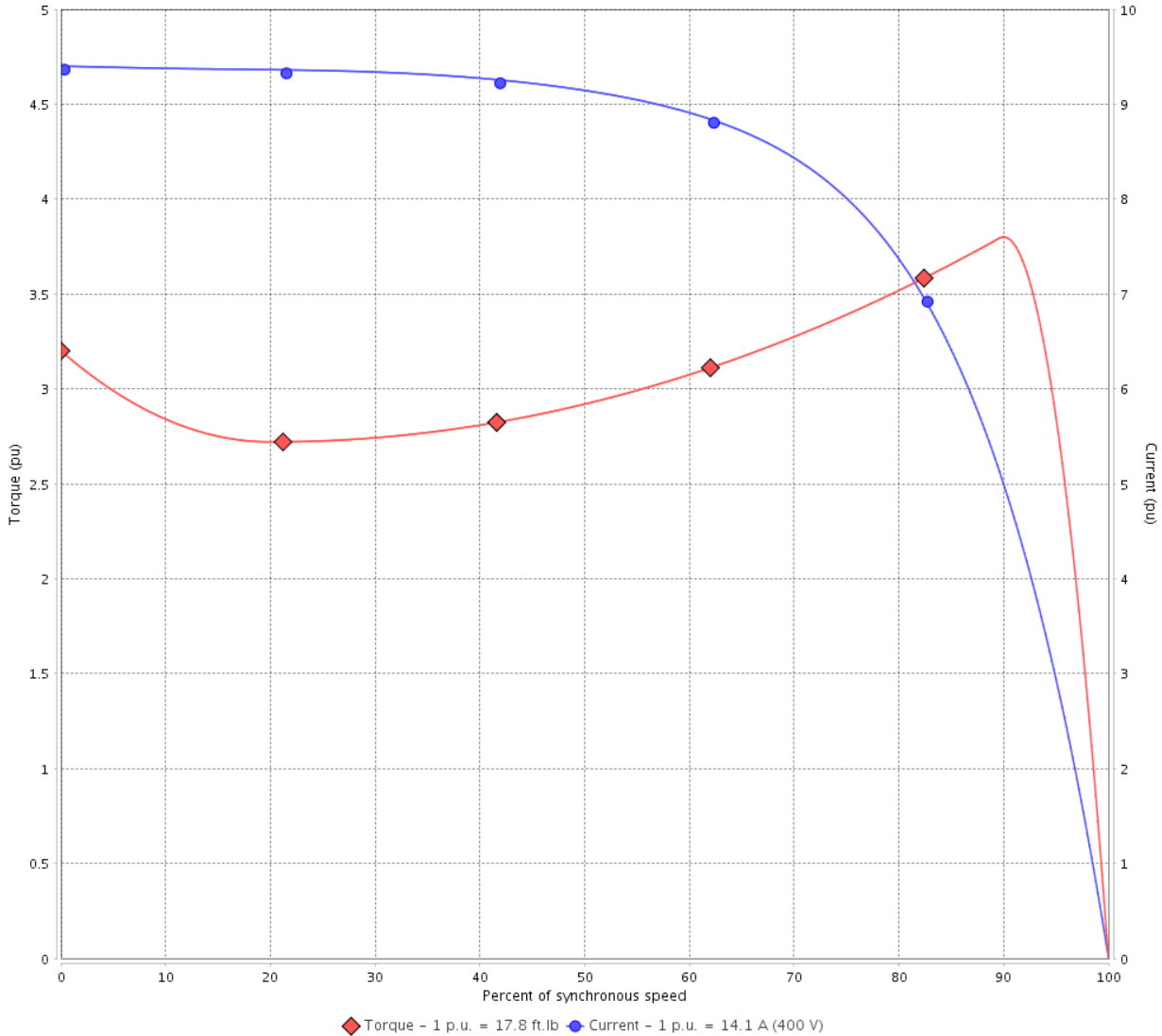
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472774

Catalog # : 01536ET3E215JP-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 400 V 50 Hz 2P IE3

Rated current	: 14.1 A	Moment of inertia (J)	: 0.6362 sq.ft.lb
LRC	: 9.4	Duty cycle	: Cont.(S1)
Rated torque	: 17.8 ft.lb	Insulation class	: F
Locked rotor torque	: 320 %	Service factor	: 1.15
Breakdown torque	: 380 %	Temperature rise	: 80 K
Rated speed	: 2945 rpm	Design	: A

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

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TORQUE AND CURRENT VS SPEED CURVE



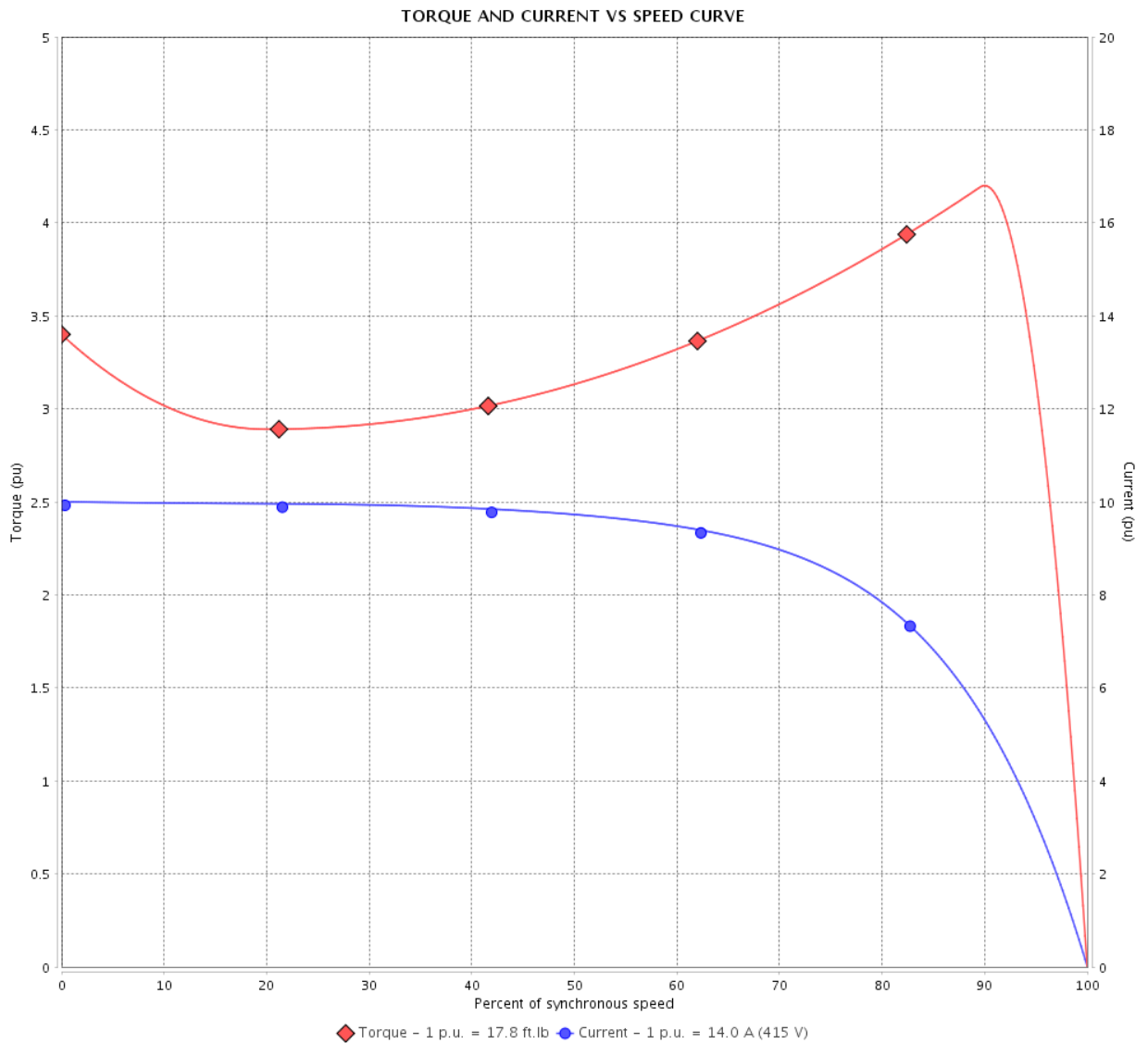
Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472774

Catalog # : 01536ET3E215JP-W22



Performance : 415 V 50 Hz 2P IE3

Rated current	: 14.0 A	Moment of inertia (J)	: 0.6362 sq.ft.lb
LRC	: 10.0	Duty cycle	: Cont.(S1)
Rated torque	: 17.8 ft.lb	Insulation class	: F
Locked rotor torque	: 340 %	Service factor	: 1.15
Breakdown torque	: 420 %	Temperature rise	: 80 K
Rated speed	: 2950 rpm	Design	: A

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

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



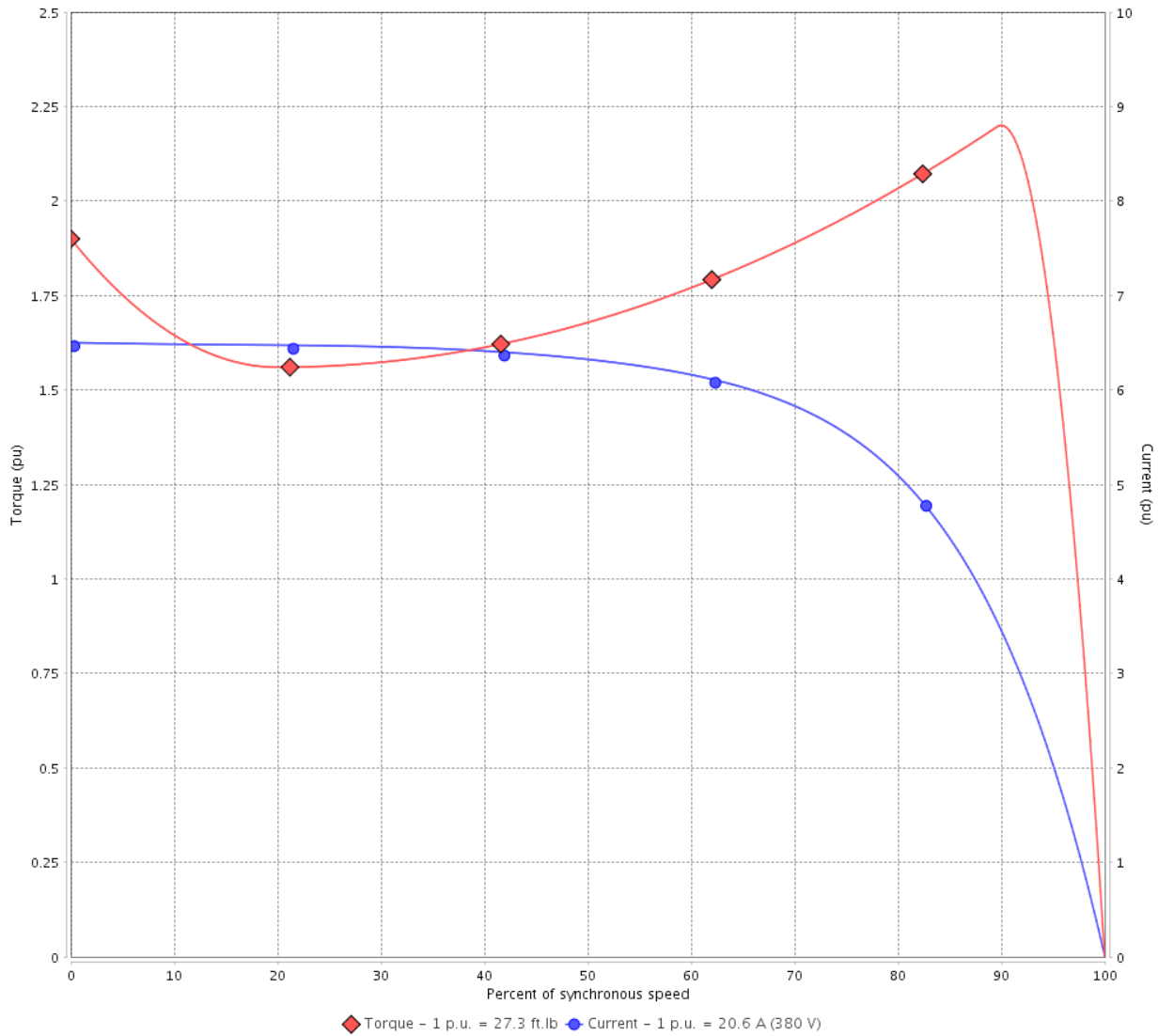
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472774

Catalog # : 01536ET3E215JP-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 380 V 50 Hz 2P IE1

Rated current	: 20.6 A	Moment of inertia (J)	: 0.6362 sq.ft.lb
LRC	: 6.5	Duty cycle	: Cont.(S1)
Rated torque	: 27.3 ft.lb	Insulation class	: F
Locked rotor torque	: 190 %	Service factor	: 1.00
Breakdown torque	: 220 %	Temperature rise	: 105 K
Rated speed	: 2885 rpm	Design	: A

Locked rotor time : 10s (cold) 6s (hot)

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TORQUE AND CURRENT VS SPEED CURVE



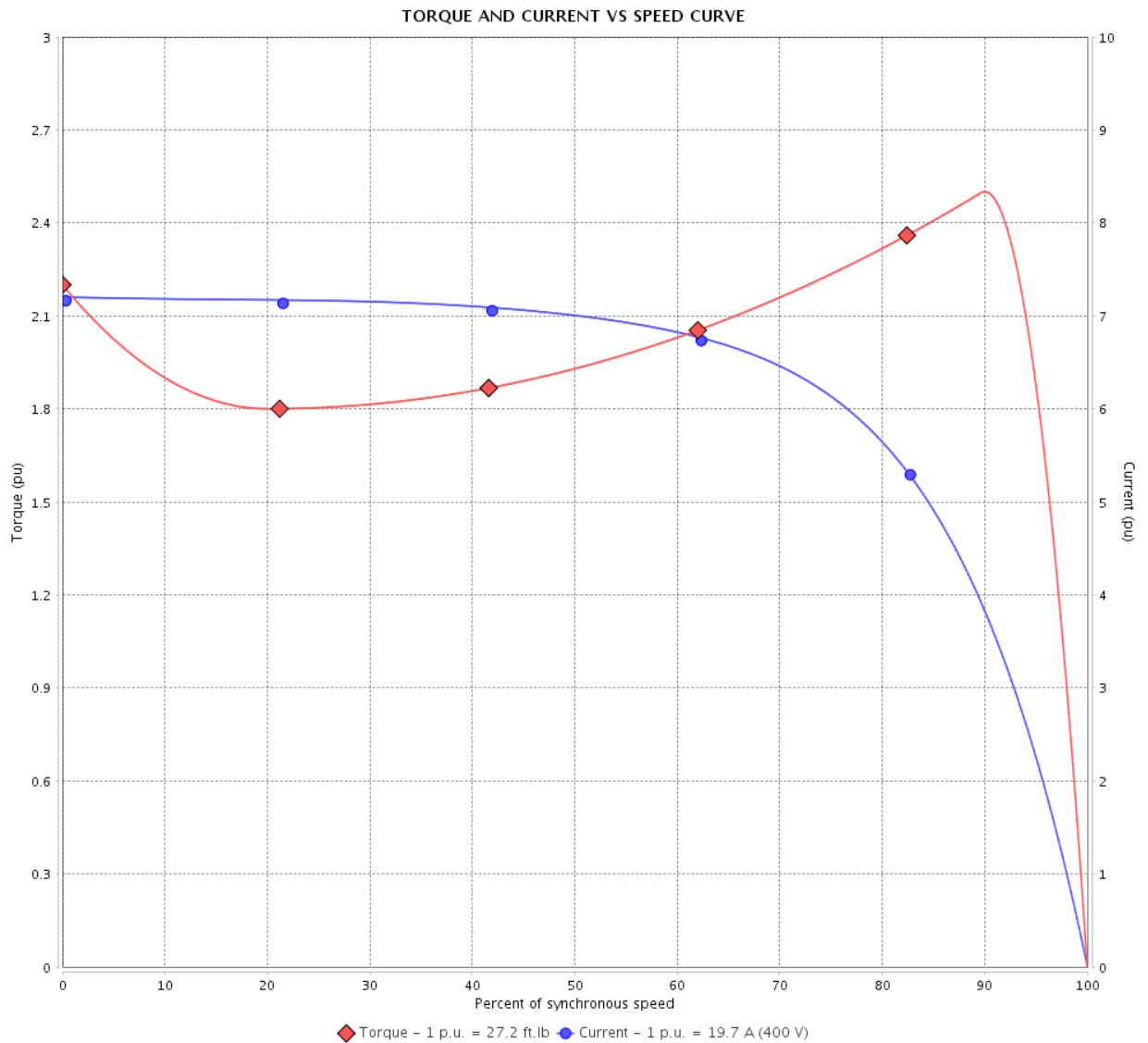
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Product code : 13472774

Catalog # : 01536ET3E215JP-W22



Performance : 400 V 50 Hz 2P IE2

Rated current	: 19.7 A	Moment of inertia (J)	: 0.6362 sq.ft.lb
LRC	: 7.2	Duty cycle	: Cont.(S1)
Rated torque	: 27.2 ft.lb	Insulation class	: F
Locked rotor torque	: 220 %	Service factor	: 1.00
Breakdown torque	: 250 %	Temperature rise	: 105 K
Rated speed	: 2900 rpm	Design	: A

Locked rotor time : 12s (cold) 7s (hot)

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



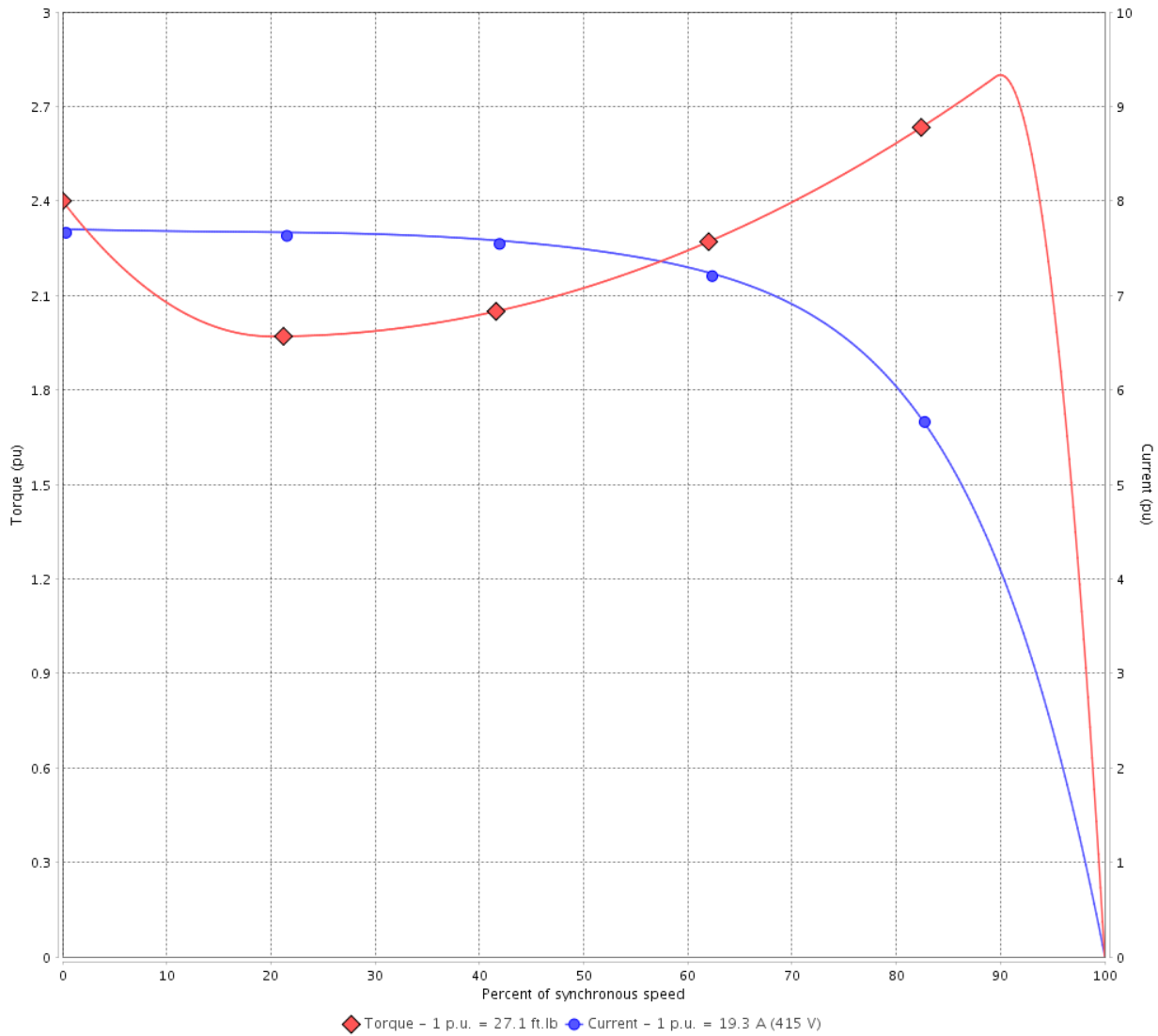
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472774

Catalog # : 01536ET3E215JP-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 415 V 50 Hz 2P IE2

Rated current	: 19.3 A	Moment of inertia (J)	: 0.6362 sq.ft.lb
LRC	: 7.7	Duty cycle	: Cont.(S1)
Rated torque	: 27.1 ft.lb	Insulation class	: F
Locked rotor torque	: 240 %	Service factor	: 1.00
Breakdown torque	: 280 %	Temperature rise	: 105 K
Rated speed	: 2910 rpm	Design	: A

Locked rotor time : 12s (cold) 7s (hot)

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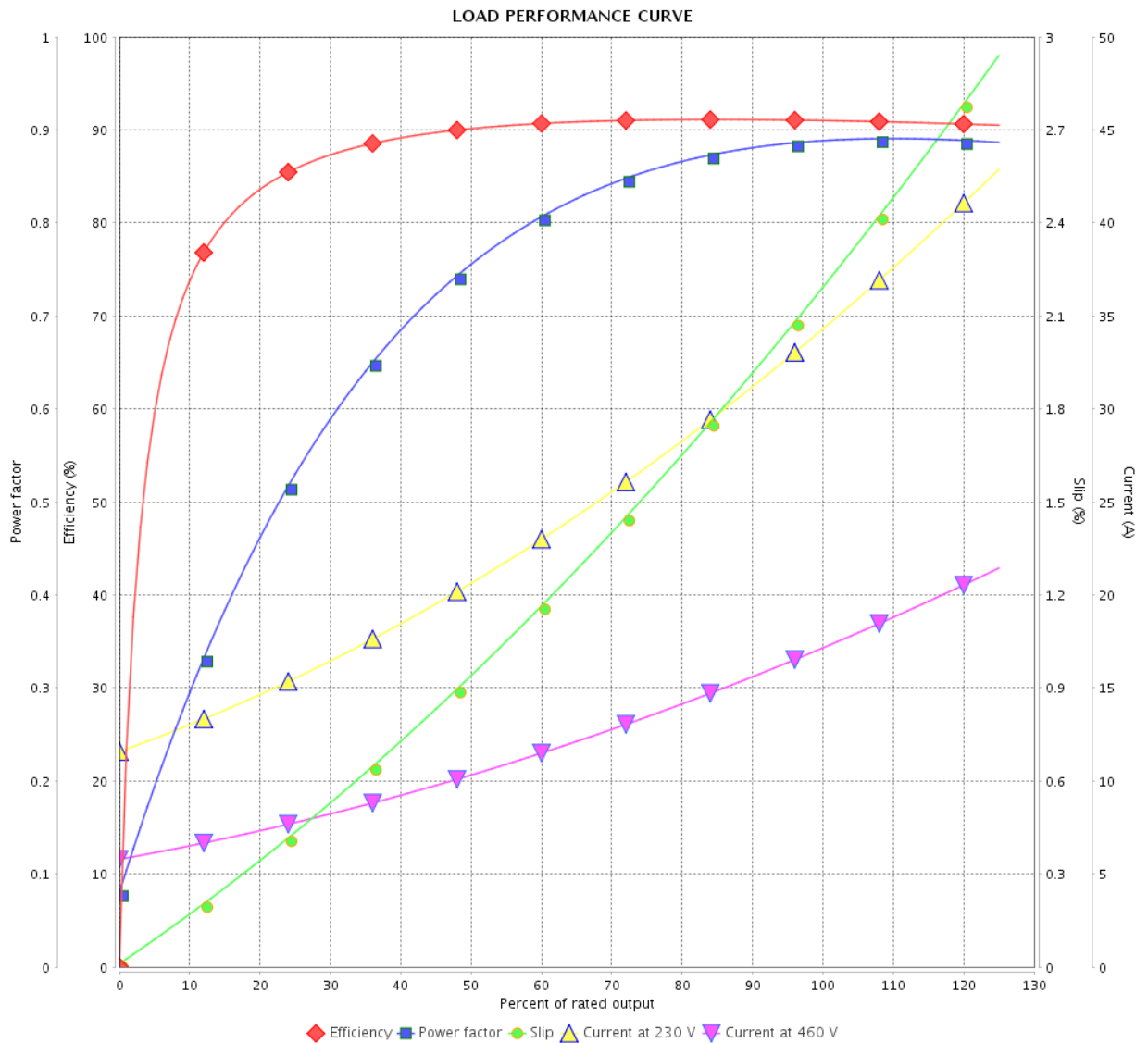


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472774

Catalog # : 01536ET3E215JP-W22



Performance : 230/460 V 60 Hz 2P

Rated current : 34.0/17.0 A
 LRC : 7.9
 Rated torque : 22.4 ft.lb
 Locked rotor torque : 240 %
 Breakdown torque : 280 %
 Rated speed : 3520 rpm

Moment of inertia (J) : 0.6362 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.25
 Temperature rise : 80 K
 Design : A

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Three Phase Induction Motor - Squirrel Cage



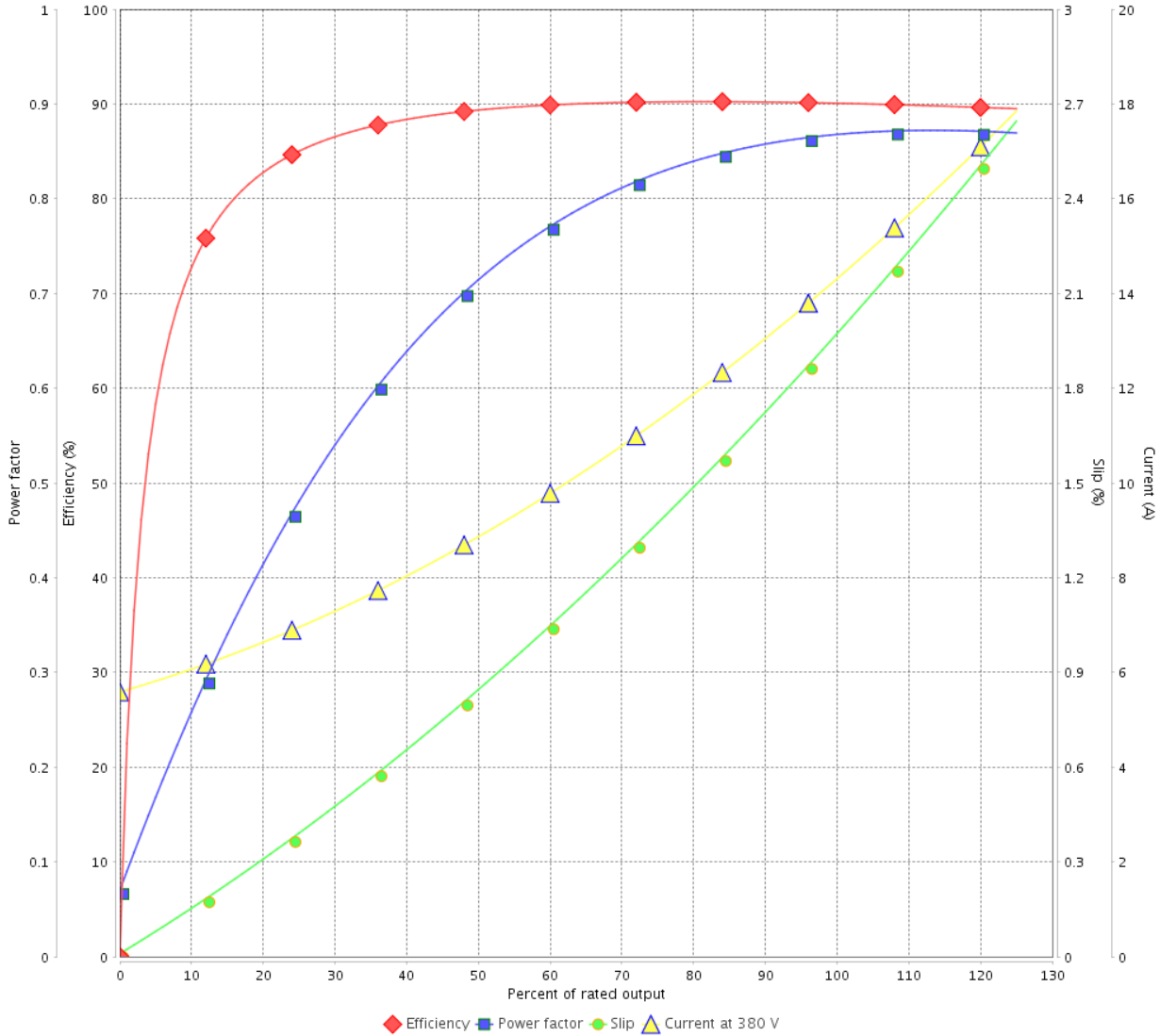
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472774

Catalog # : 01536ET3E215JP-W22

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Performance : 380 V 50 Hz 2P IE3

Rated current : 14.5 A
 LRC : 8.6
 Rated torque : 17.9 ft.lb
 Locked rotor torque : 280 %
 Breakdown torque : 340 %
 Rated speed : 2940 rpm

Moment of inertia (J) : 0.6362 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 Temperature rise : 80 K
 Design : A

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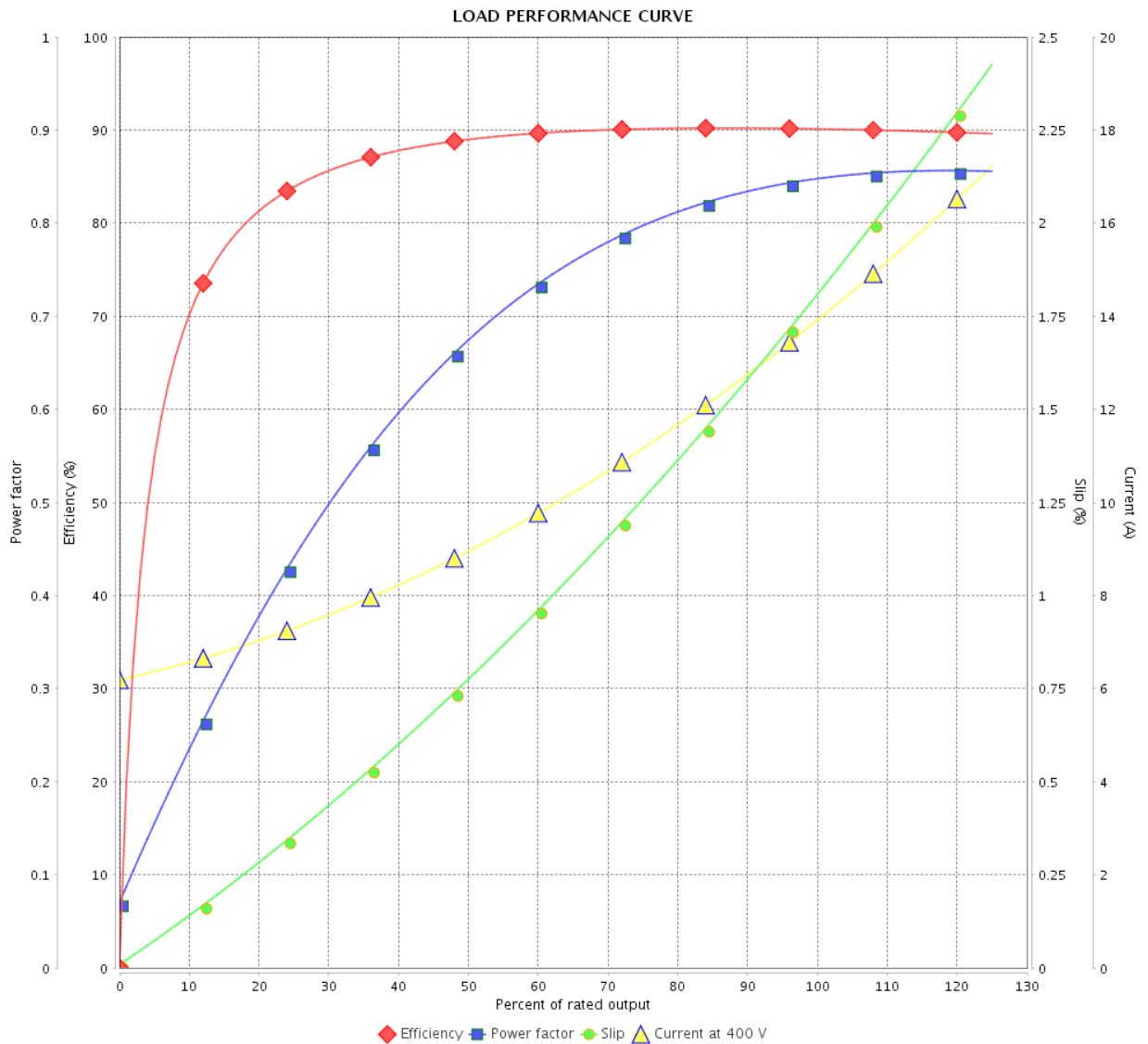


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472774

Catalog # : 01536ET3E215JP-W22



Performance : 400 V 50 Hz 2P IE3

Rated current : 14.1 A
 LRC : 9.4
 Rated torque : 17.8 ft.lb
 Locked rotor torque : 320 %
 Breakdown torque : 380 %
 Rated speed : 2945 rpm

Moment of inertia (J) : 0.6362 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 Temperature rise : 80 K
 Design : A

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Three Phase Induction Motor - Squirrel Cage



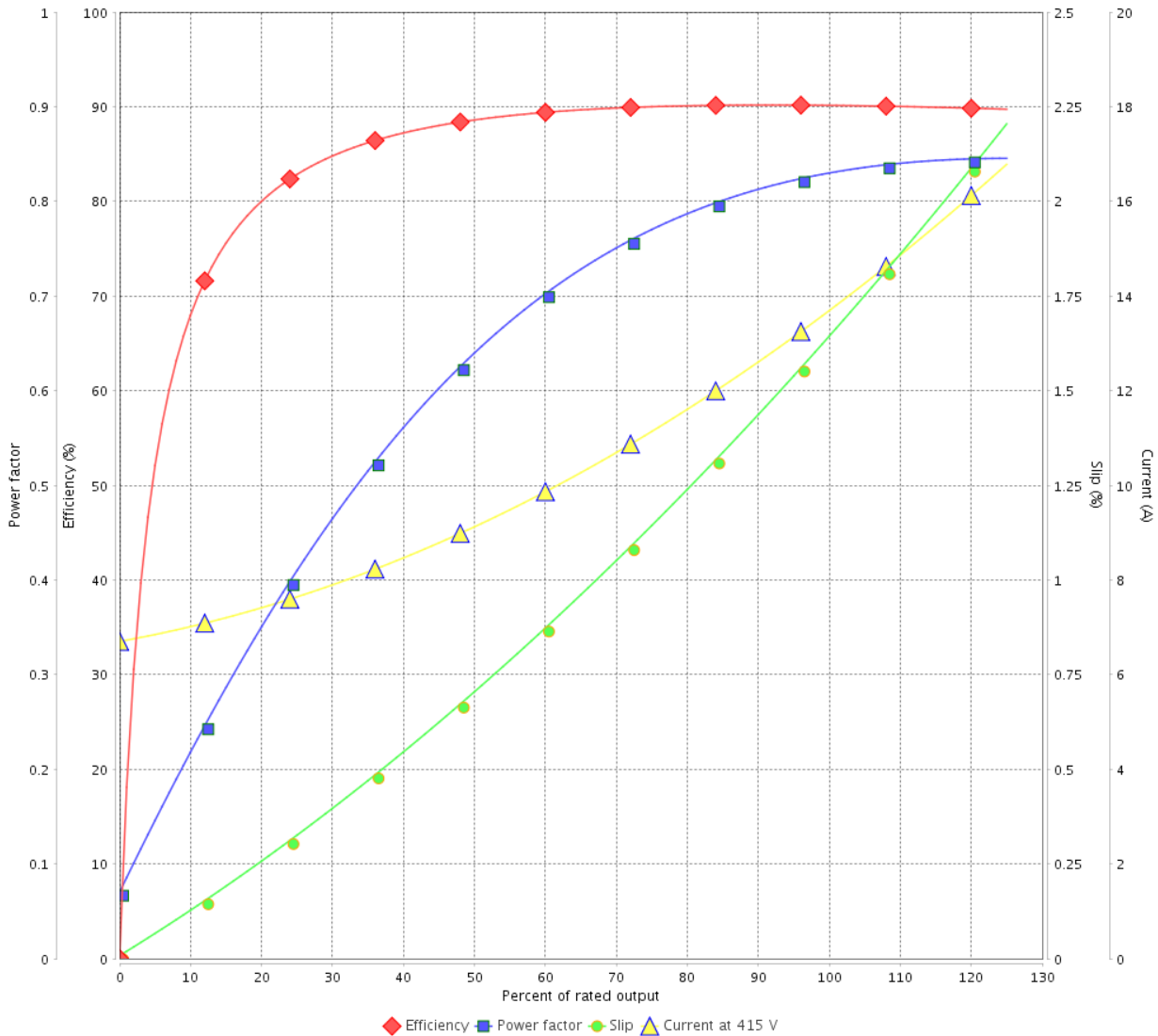
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472774

Catalog # : 01536ET3E215JP-W22

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Performance : 415 V 50 Hz 2P IE3

Rated current : 14.0 A
 LRC : 10.0
 Rated torque : 17.8 ft.lb
 Locked rotor torque : 340 %
 Breakdown torque : 420 %
 Rated speed : 2950 rpm

Moment of inertia (J) : 0.6362 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 Temperature rise : 80 K
 Design : A

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Three Phase Induction Motor - Squirrel Cage

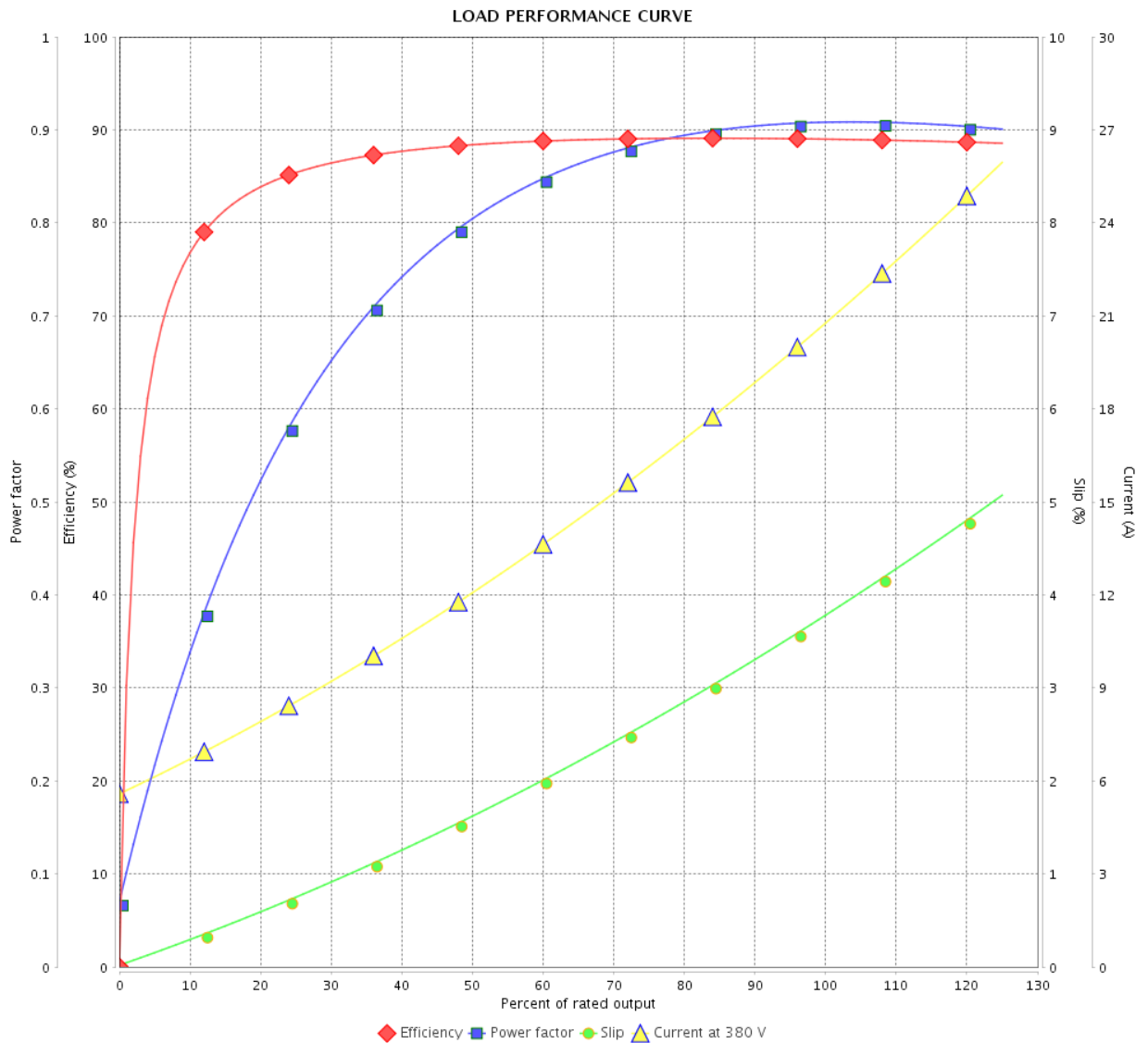


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472774

Catalog # : 01536ET3E215JP-W22



Performance : 380 V 50 Hz 2P IE1

Rated current : 20.6 A
 LRC : 6.5
 Rated torque : 27.3 ft.lb
 Locked rotor torque : 190 %
 Breakdown torque : 220 %
 Rated speed : 2885 rpm

Moment of inertia (J) : 0.6362 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 105 K
 Design : A

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Three Phase Induction Motor - Squirrel Cage



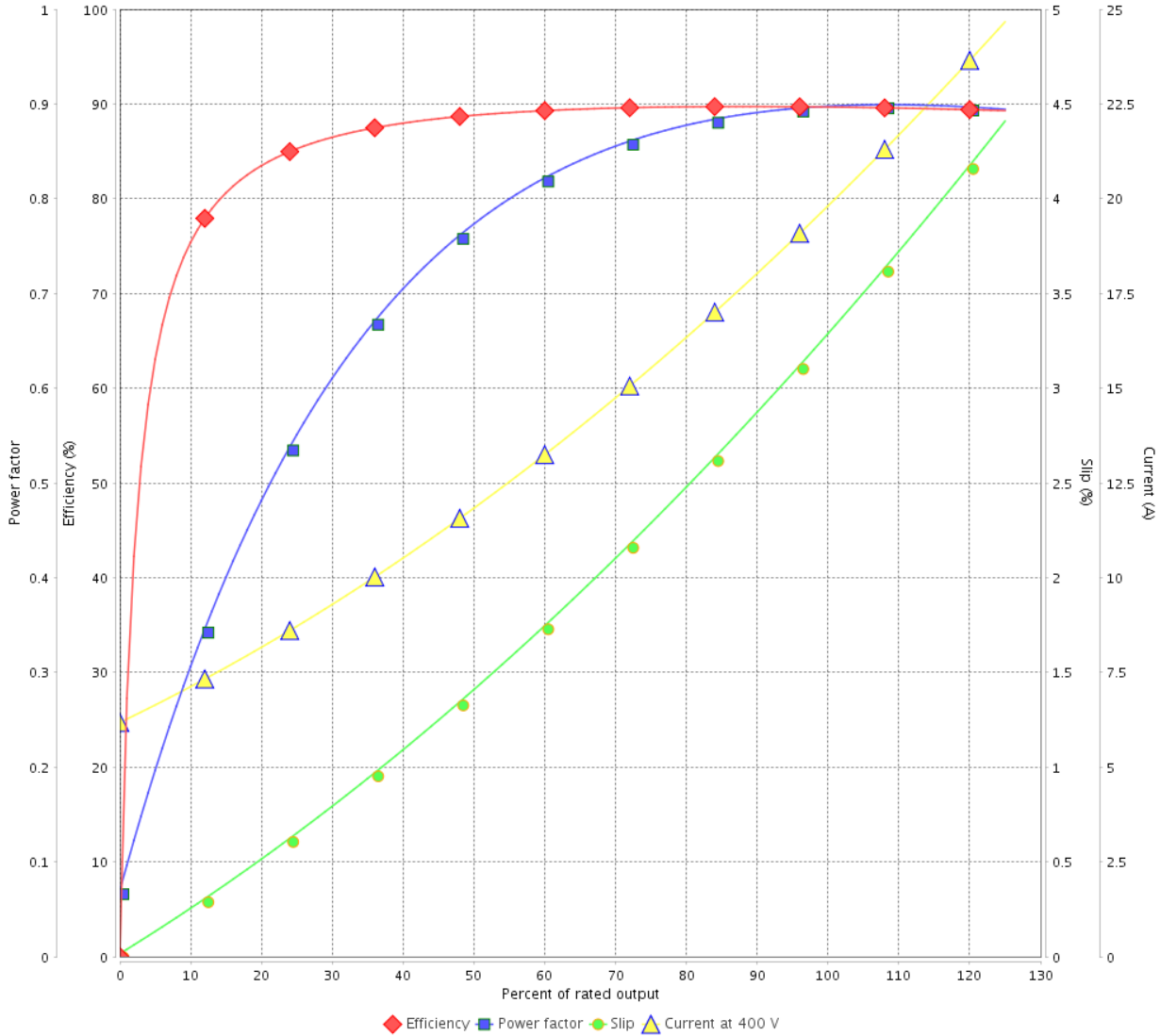
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472774

Catalog # : 01536ET3E215JP-W22

LOAD PERFORMANCE CURVE



Performance : 400 V 50 Hz 2P IE2

Rated current : 19.7 A
 LRC : 7.2
 Rated torque : 27.2 ft.lb
 Locked rotor torque : 220 %
 Breakdown torque : 250 %
 Rated speed : 2900 rpm

Moment of inertia (J) : 0.6362 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 105 K
 Design : A

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Three Phase Induction Motor - Squirrel Cage

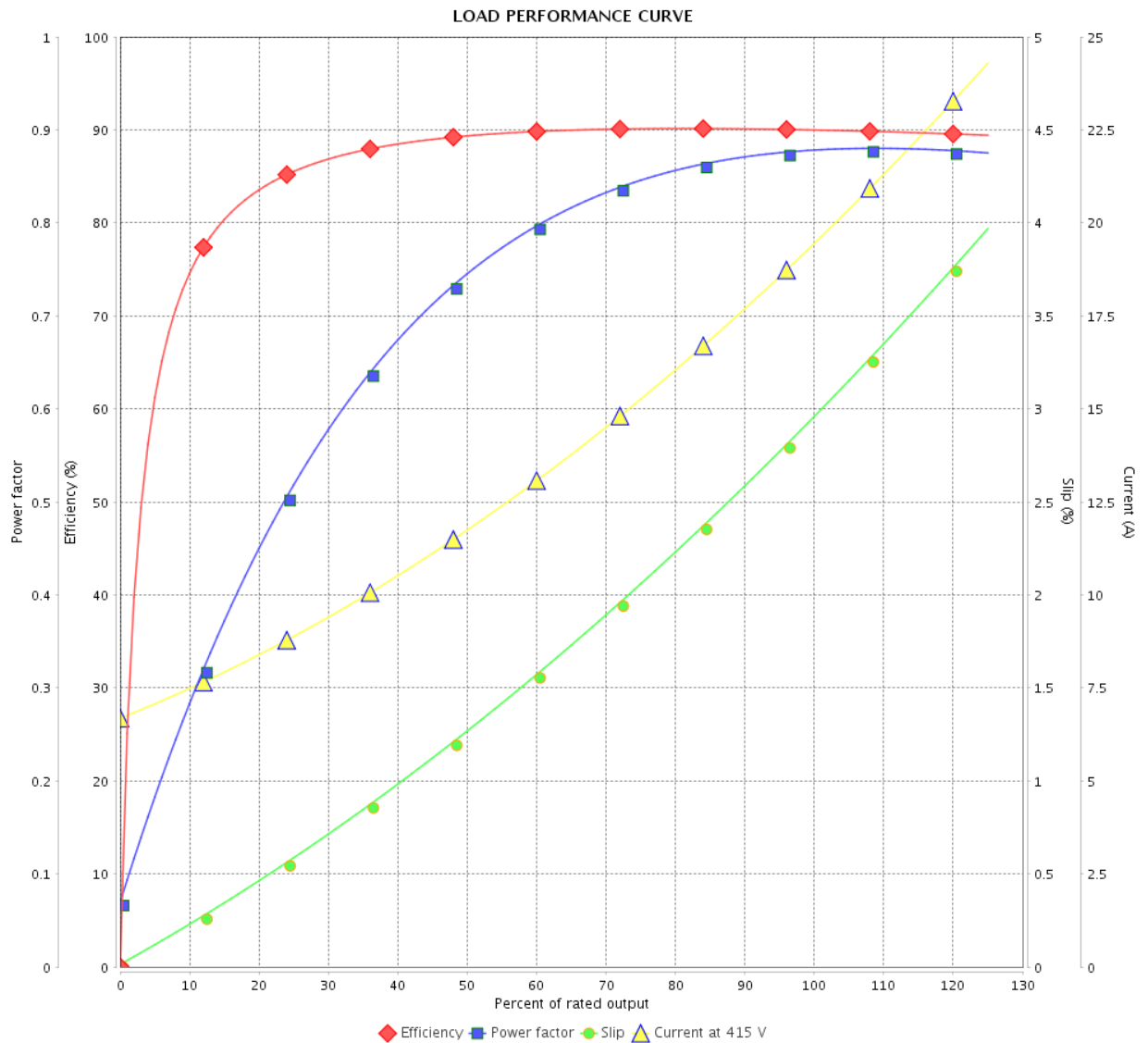


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472774

Catalog # : 01536ET3E215JP-W22



Performance : 415 V 50 Hz 2P IE2

Rated current : 19.3 A
 LRC : 7.7
 Rated torque : 27.1 ft.lb
 Locked rotor torque : 240 %
 Breakdown torque : 280 %
 Rated speed : 2910 rpm

Moment of inertia (J) : 0.6362 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 105 K
 Design : A

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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase
Product code : 13472774
Catalog # : 01536ET3E215JP-W22

Performance : 230/460 V 60 Hz 2P

Rated current	: 34.0/17.0 A	Moment of inertia (J)	: 0.6362 sq.ft.lb
LRC	: 7.9	Duty cycle	: Cont.(S1)
Rated torque	: 22.4 ft.lb	Insulation class	: F
Locked rotor torque	: 240 %	Service factor	: 1.25
Breakdown torque	: 280 %	Temperature rise	: 80 K
Rated speed	: 3520 rpm	Design	: A

Heating constant

Cooling constant

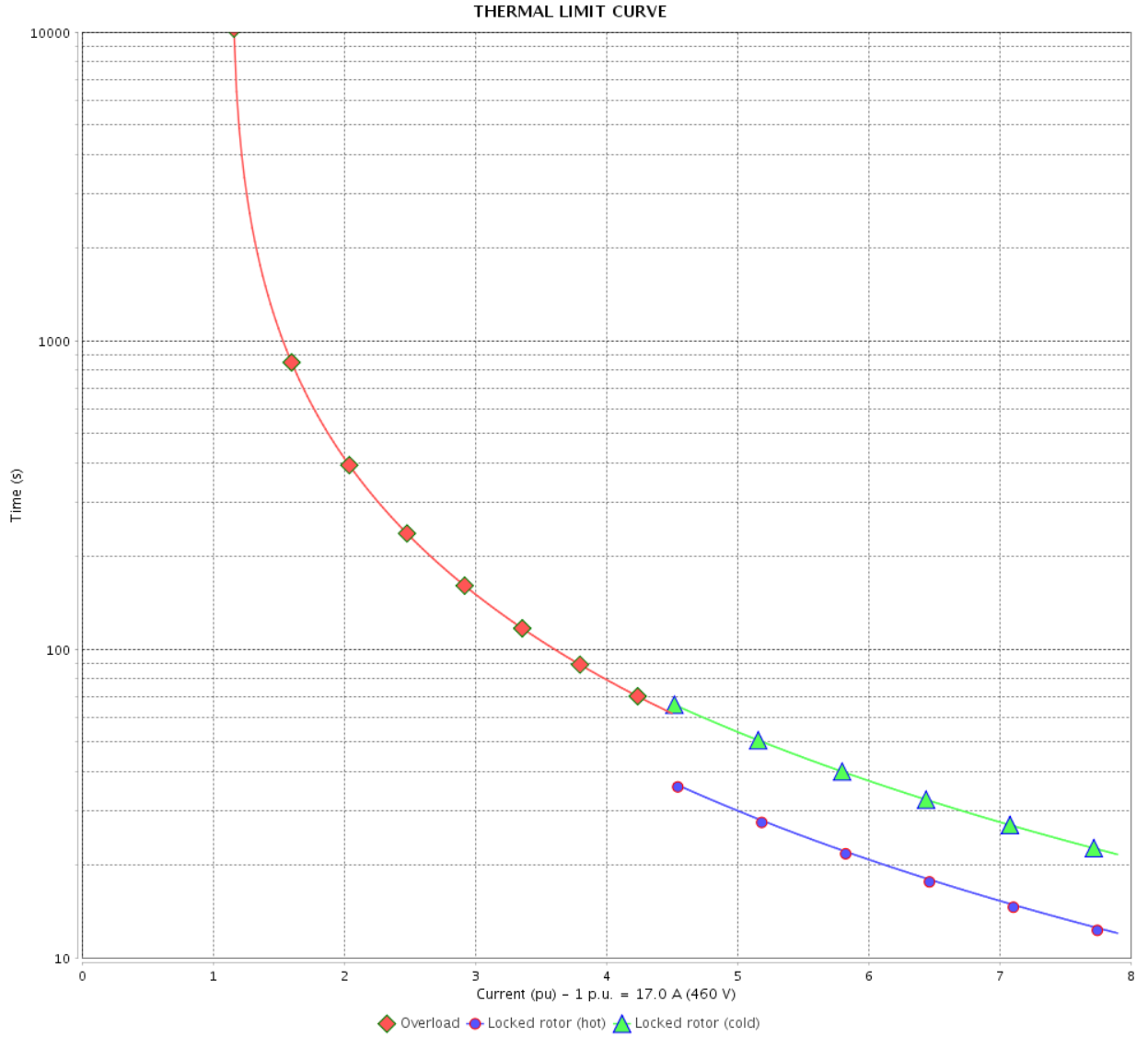
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Customer : _____



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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase
Product code : 13472774
Catalog # : 01536ET3E215JP-W22

Performance : 380 V 50 Hz 2P IE3

Rated current	: 14.5 A	Moment of inertia (J)	: 0.6362 sq.ft.lb
LRC	: 8.6	Duty cycle	: Cont.(S1)
Rated torque	: 17.9 ft.lb	Insulation class	: F
Locked rotor torque	: 280 %	Service factor	: 1.15
Breakdown torque	: 340 %	Temperature rise	: 80 K
Rated speed	: 2940 rpm	Design	: A

Heating constant

Cooling constant

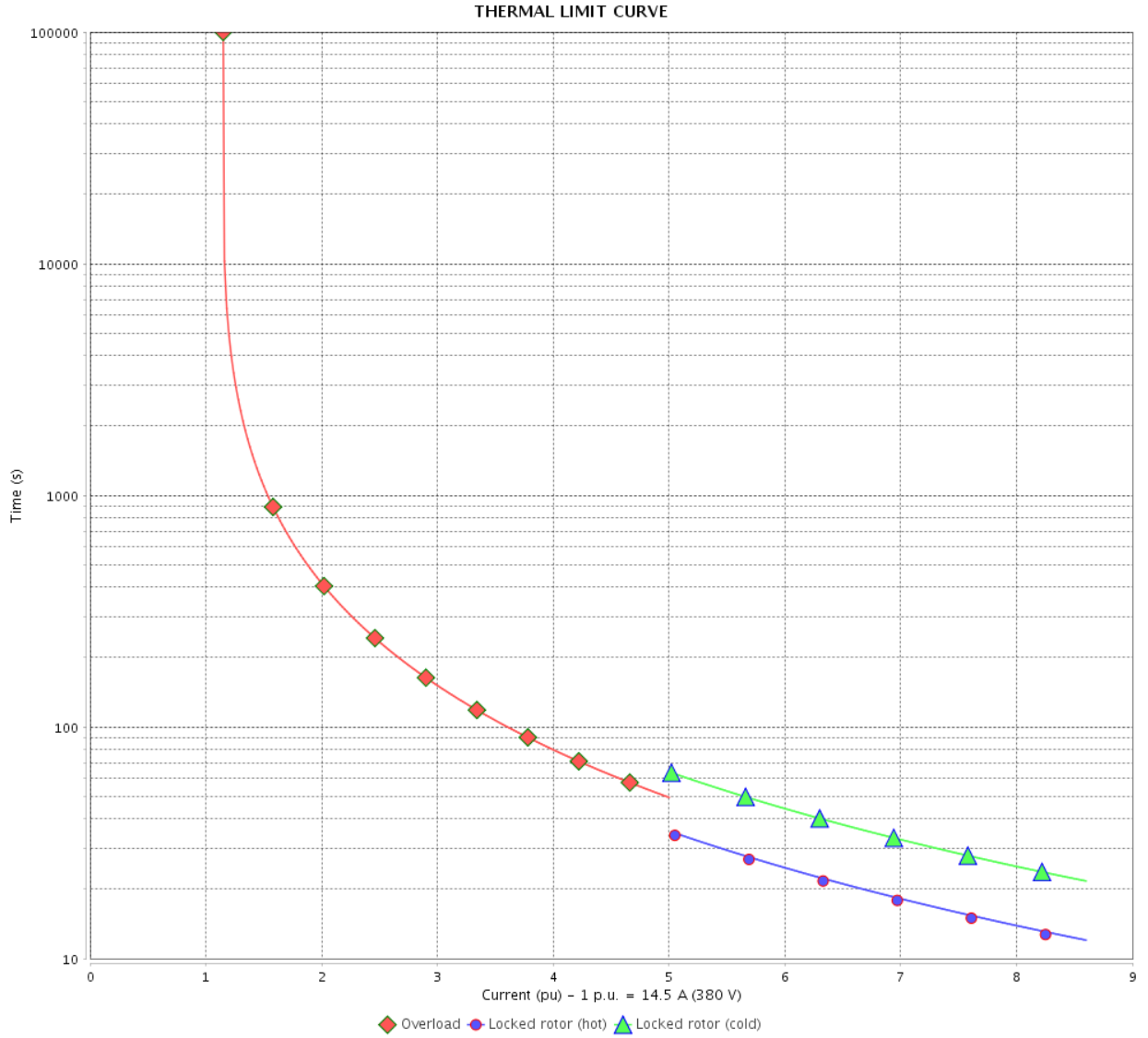
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Three Phase Induction Motor - Squirrel Cage



Customer : _____



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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase
Product code : 13472774
Catalog # : 01536ET3E215JP-W22

Performance : 400 V 50 Hz 2P IE3

Rated current	: 14.1 A	Moment of inertia (J)	: 0.6362 sq.ft.lb
LRC	: 9.4	Duty cycle	: Cont.(S1)
Rated torque	: 17.8 ft.lb	Insulation class	: F
Locked rotor torque	: 320 %	Service factor	: 1.15
Breakdown torque	: 380 %	Temperature rise	: 80 K
Rated speed	: 2945 rpm	Design	: A

Heating constant

Cooling constant

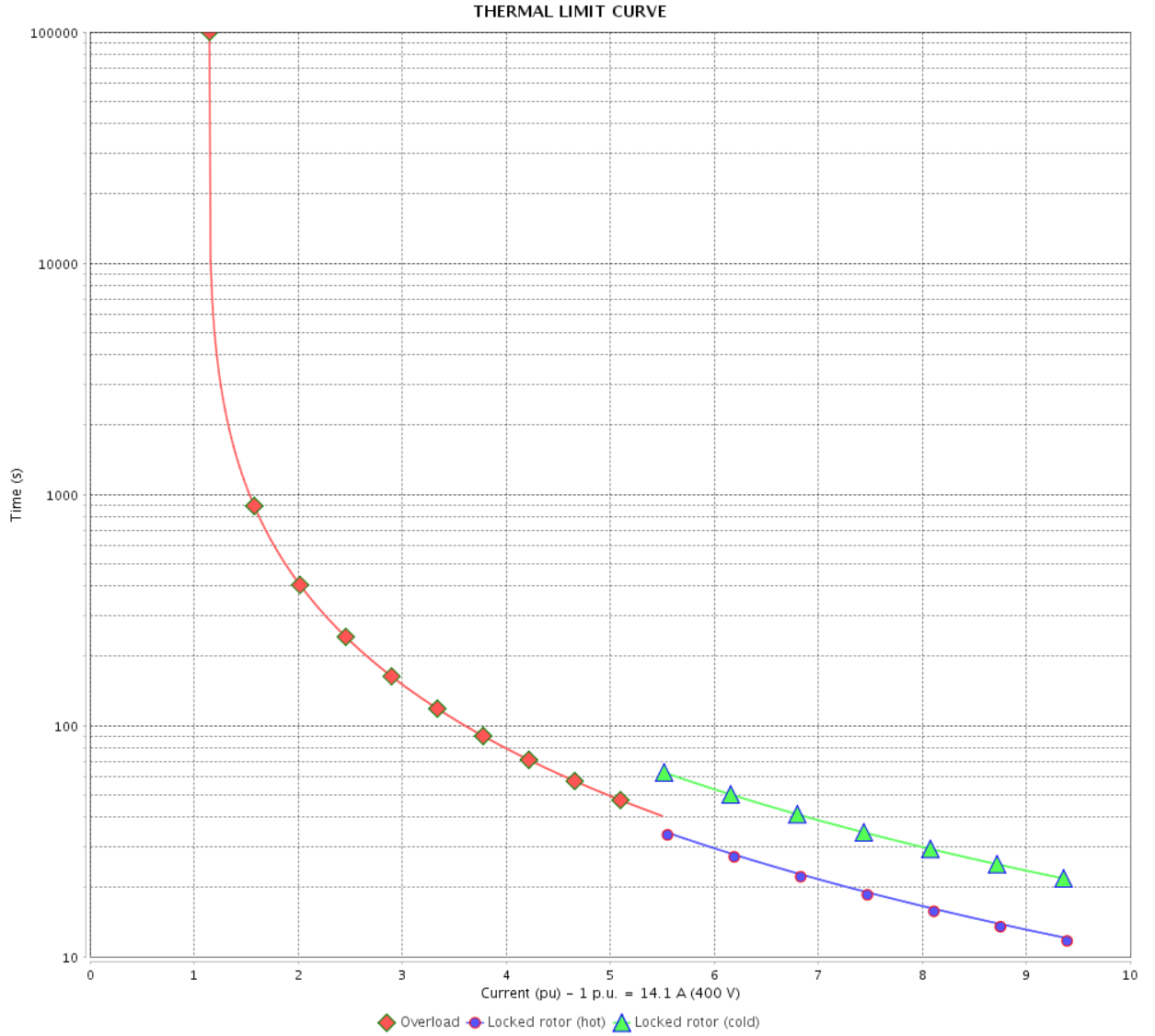
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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____



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Product code : 13472774
Catalog # : 01536ET3E215JP-W22

Performance : 415 V 50 Hz 2P IE3

Rated current	: 14.0 A	Moment of inertia (J)	: 0.6362 sq.ft.lb
LRC	: 10.0	Duty cycle	: Cont.(S1)
Rated torque	: 17.8 ft.lb	Insulation class	: F
Locked rotor torque	: 340 %	Service factor	: 1.15
Breakdown torque	: 420 %	Temperature rise	: 80 K
Rated speed	: 2950 rpm	Design	: A

Heating constant

Cooling constant

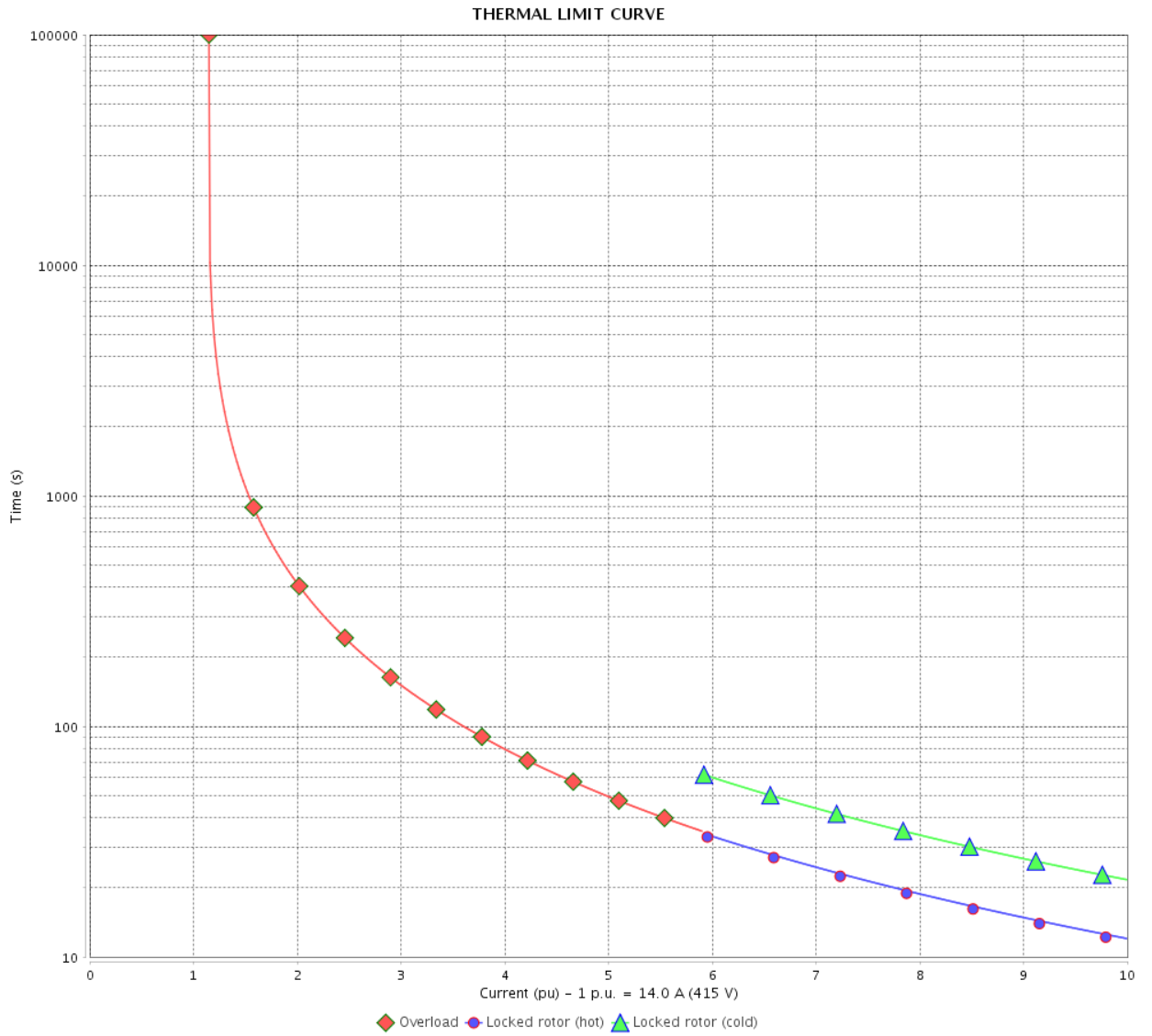
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Three Phase Induction Motor - Squirrel Cage



Customer : _____



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Performance : 380 V 50 Hz 2P IE1

Rated current	: 20.6 A	Moment of inertia (J)	: 0.6362 sq.ft.lb
LRC	: 6.5	Duty cycle	: Cont.(S1)
Rated torque	: 27.3 ft.lb	Insulation class	: F
Locked rotor torque	: 190 %	Service factor	: 1.00
Breakdown torque	: 220 %	Temperature rise	: 105 K
Rated speed	: 2885 rpm	Design	: A

Heating constant

Cooling constant

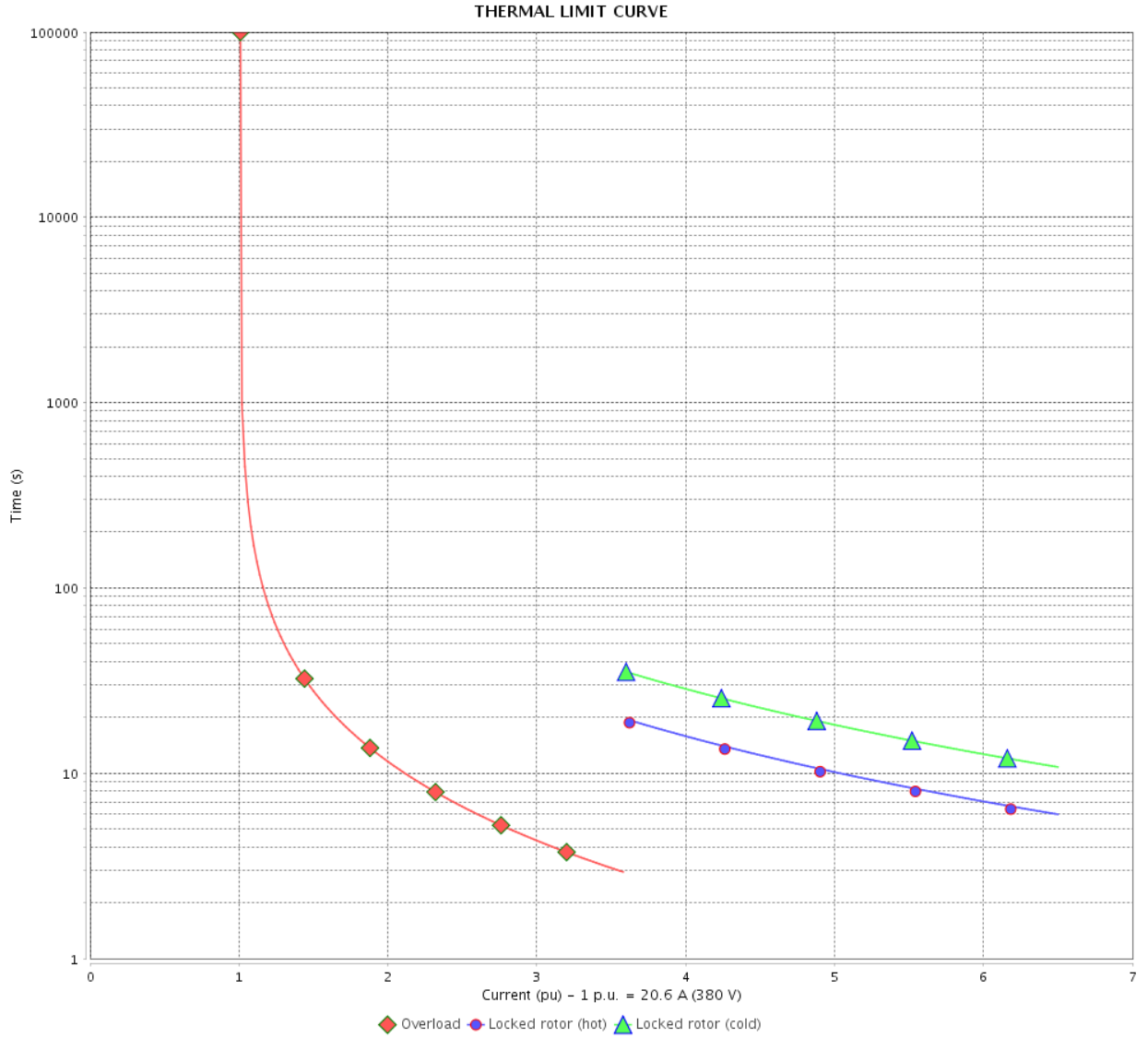
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Customer : _____



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THERMAL LIMIT CURVE



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Customer :

Product line : NEMA Premium Efficiency Three-Phase
Product code : 13472774
Catalog # : 01536ET3E215JP-W22

Performance : 400 V 50 Hz 2P IE2

Rated current	: 19.7 A	Moment of inertia (J)	: 0.6362 sq.ft.lb
LRC	: 7.2	Duty cycle	: Cont.(S1)
Rated torque	: 27.2 ft.lb	Insulation class	: F
Locked rotor torque	: 220 %	Service factor	: 1.00
Breakdown torque	: 250 %	Temperature rise	: 105 K
Rated speed	: 2900 rpm	Design	: A

Heating constant

Cooling constant

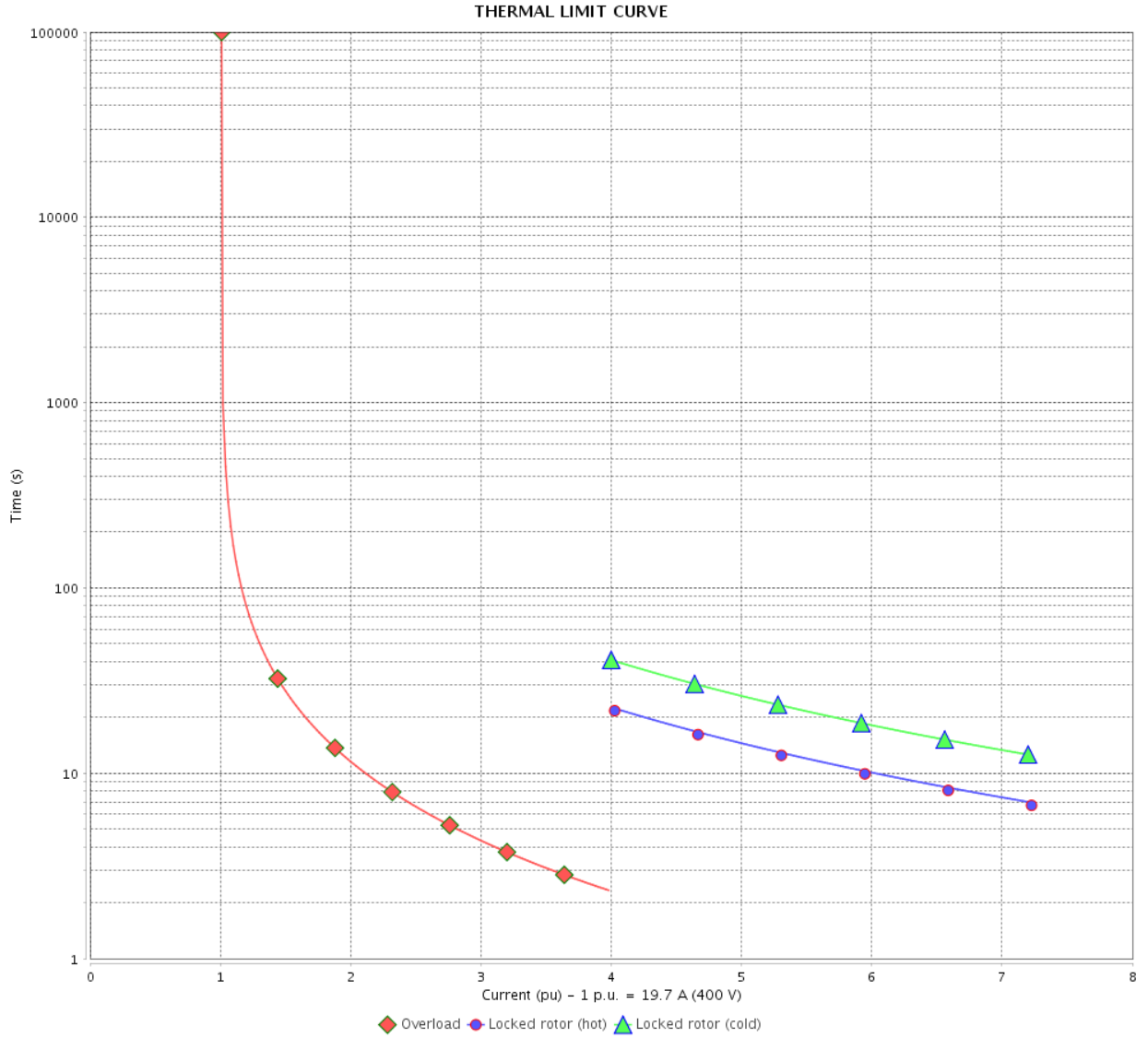
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
Date	13/04/2022		26 / 36	

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 : 13472774
Catalog # : 01536ET3E215JP-W22

Performance : 415 V 50 Hz 2P IE2

Rated current	: 19.3 A	Moment of inertia (J)	: 0.6362 sq.ft.lb
LRC	: 7.7	Duty cycle	: Cont.(S1)
Rated torque	: 27.1 ft.lb	Insulation class	: F
Locked rotor torque	: 240 %	Service factor	: 1.00
Breakdown torque	: 280 %	Temperature rise	: 105 K
Rated speed	: 2910 rpm	Design	: A

Heating constant

Cooling constant

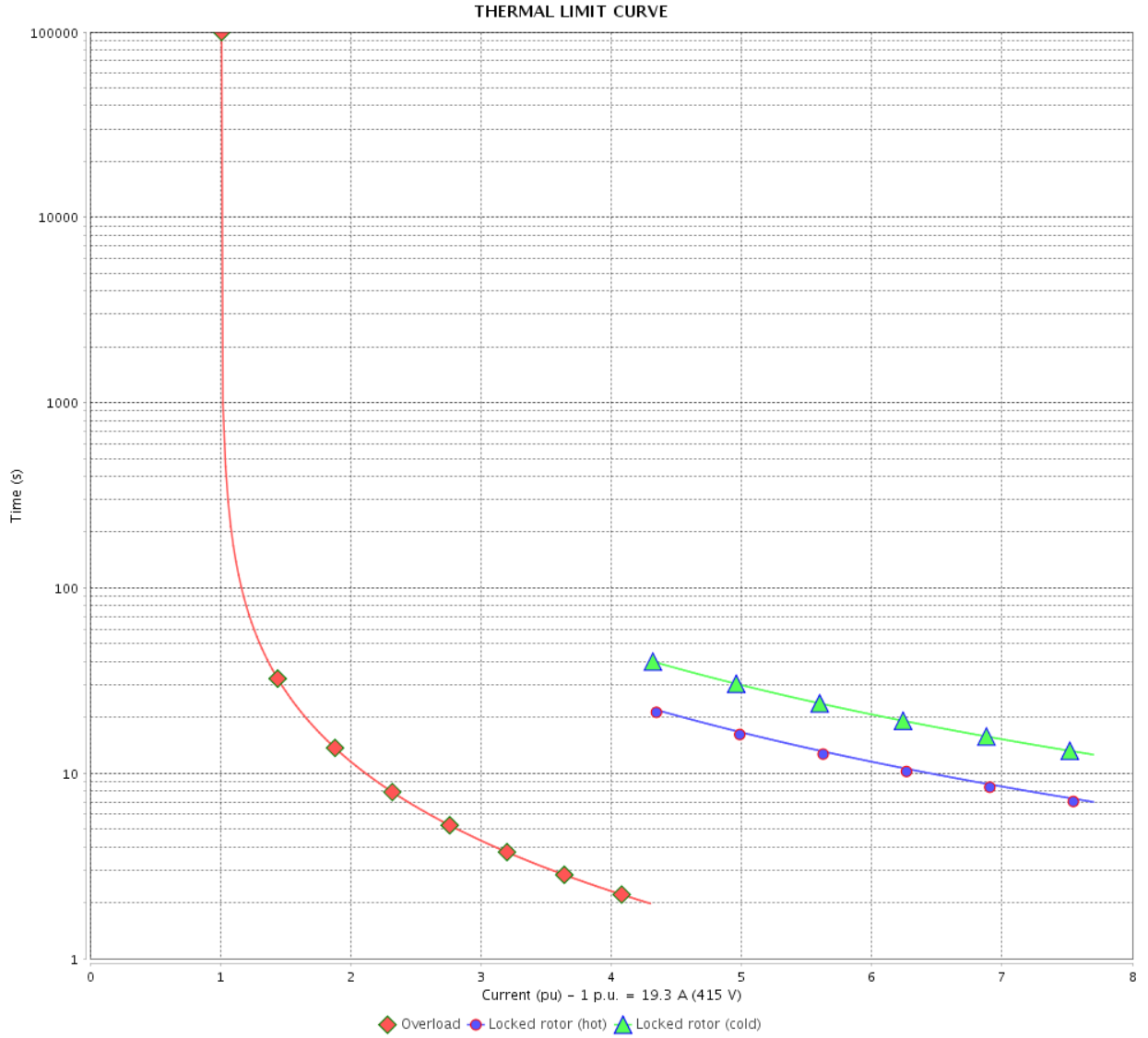
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
Date	13/04/2022		28 / 36	

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____



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Performed by		Page 29 / 36		Revision
Checked by				
Date				

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



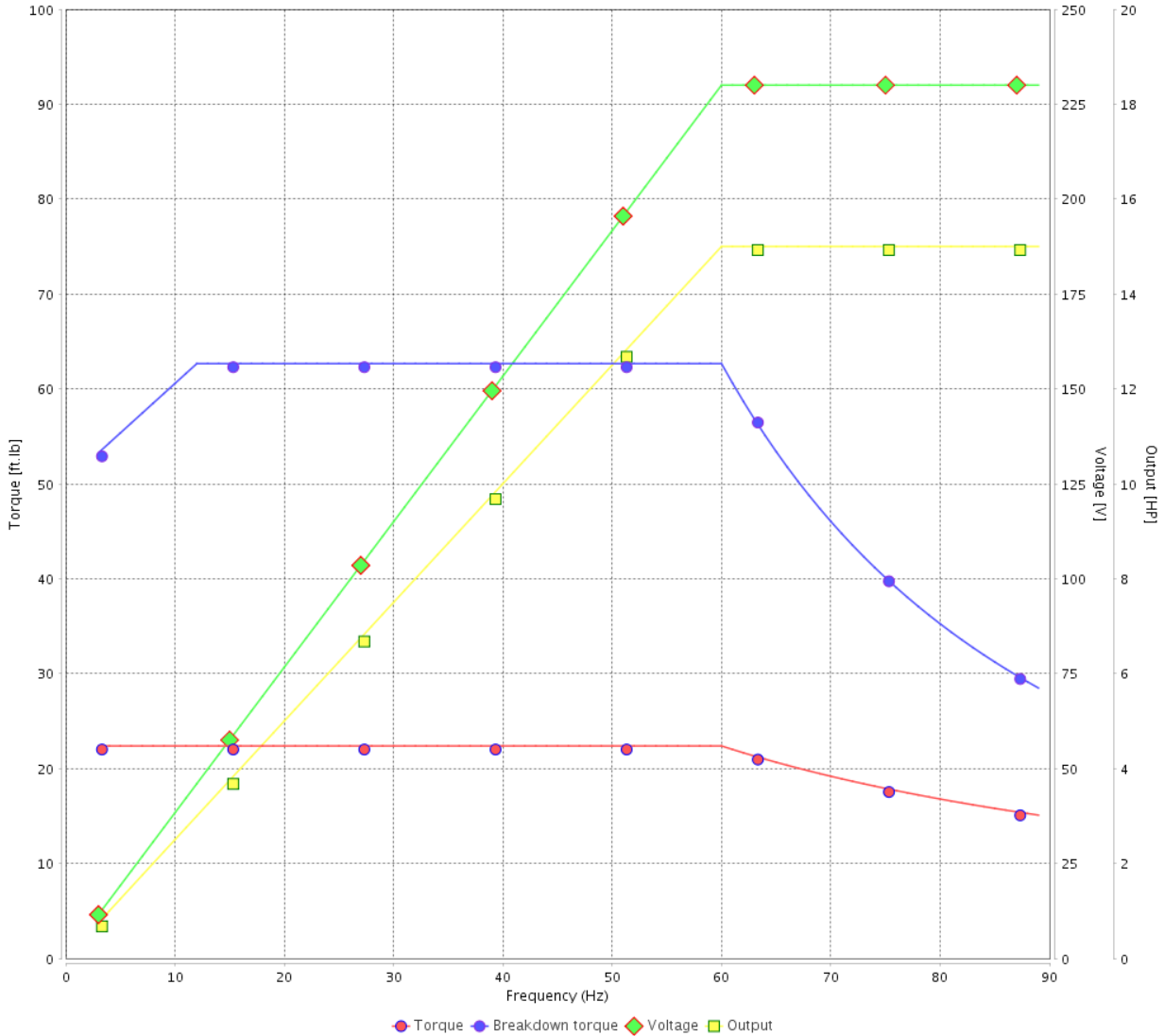
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472774

Catalog # : 01536ET3E215JP-W22

VFD OPERATION CURVE



Performance : 230/460 V 60 Hz 2P

Rated current : 34.0/17.0 A
 LRC : 7.9
 Rated torque : 22.4 ft.lb
 Locked rotor torque : 240 %
 Breakdown torque : 280 %
 Rated speed : 3520 rpm

Moment of inertia (J) : 0.6362 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.25
 Temperature rise : 80 K
 Design : A

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

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

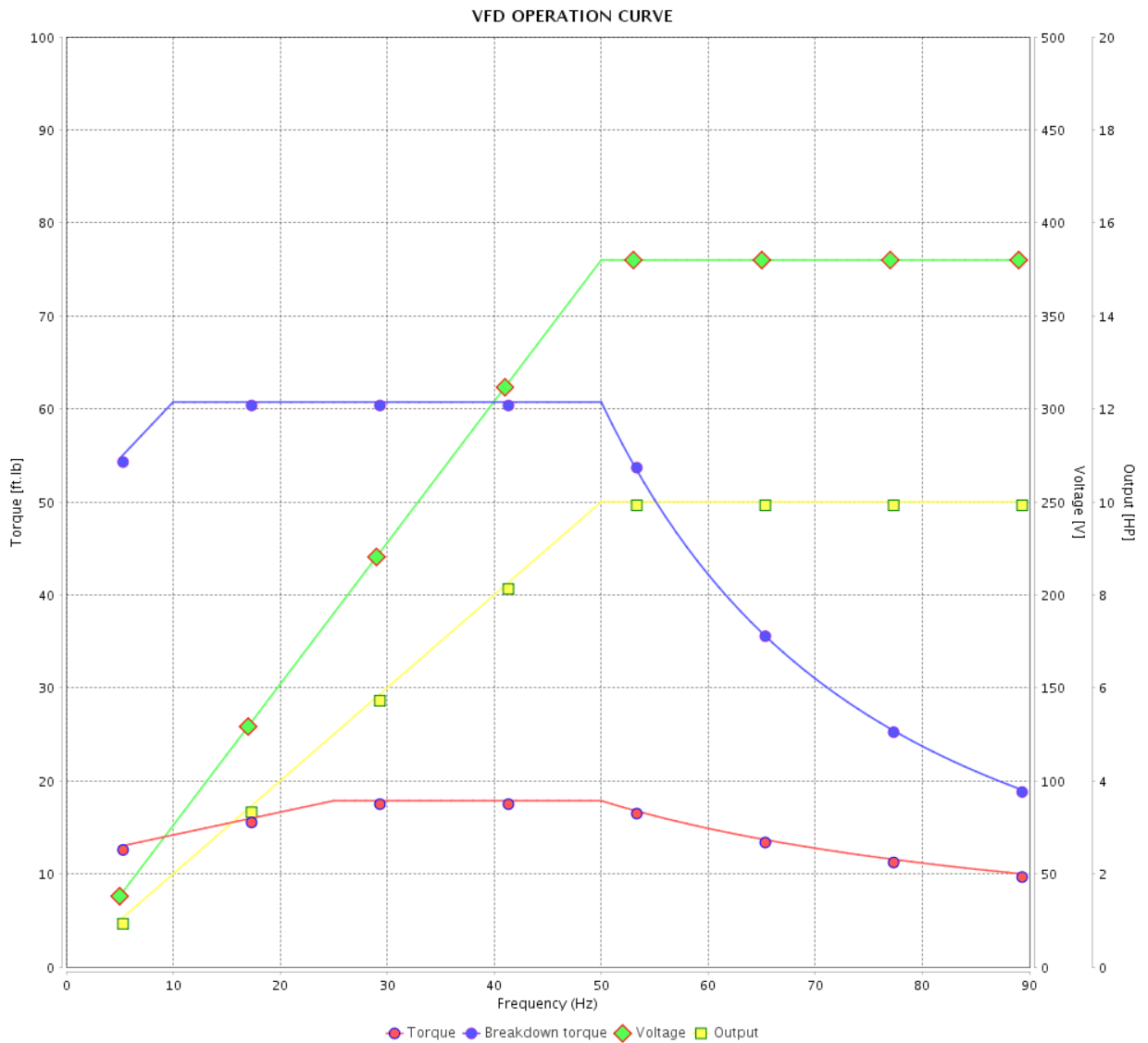


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472774

Catalog # : 01536ET3E215JP-W22



Performance : 380 V 50 Hz 2P IE3

Rated current : 14.5 A
 LRC : 8.6
 Rated torque : 17.9 ft.lb
 Locked rotor torque : 280 %
 Breakdown torque : 340 %
 Rated speed : 2940 rpm

Moment of inertia (J) : 0.6362 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 Temperature rise : 80 K
 Design : A

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

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



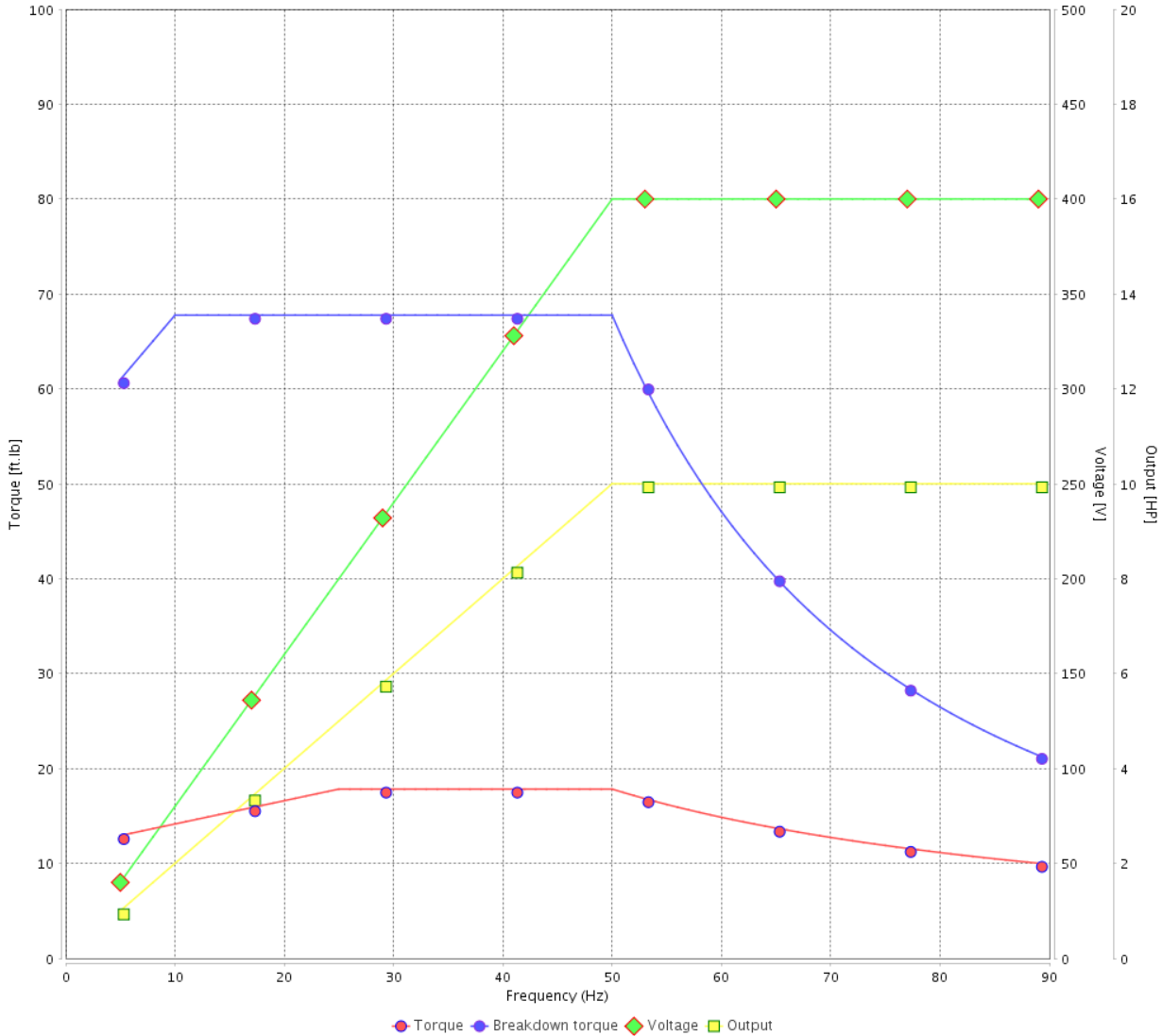
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472774

Catalog # : 01536ET3E215JP-W22

VFD OPERATION CURVE



Performance : 400 V 50 Hz 2P IE3

Rated current : 14.1 A
 LRC : 9.4
 Rated torque : 17.8 ft.lb
 Locked rotor torque : 320 %
 Breakdown torque : 380 %
 Rated speed : 2945 rpm

Moment of inertia (J) : 0.6362 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 Temperature rise : 80 K
 Design : A

Rev.	Changes Summary	Performed	Checked	Date
Performed by			Page 32 / 36	Revision
Checked by				
Date	13/04/2022			

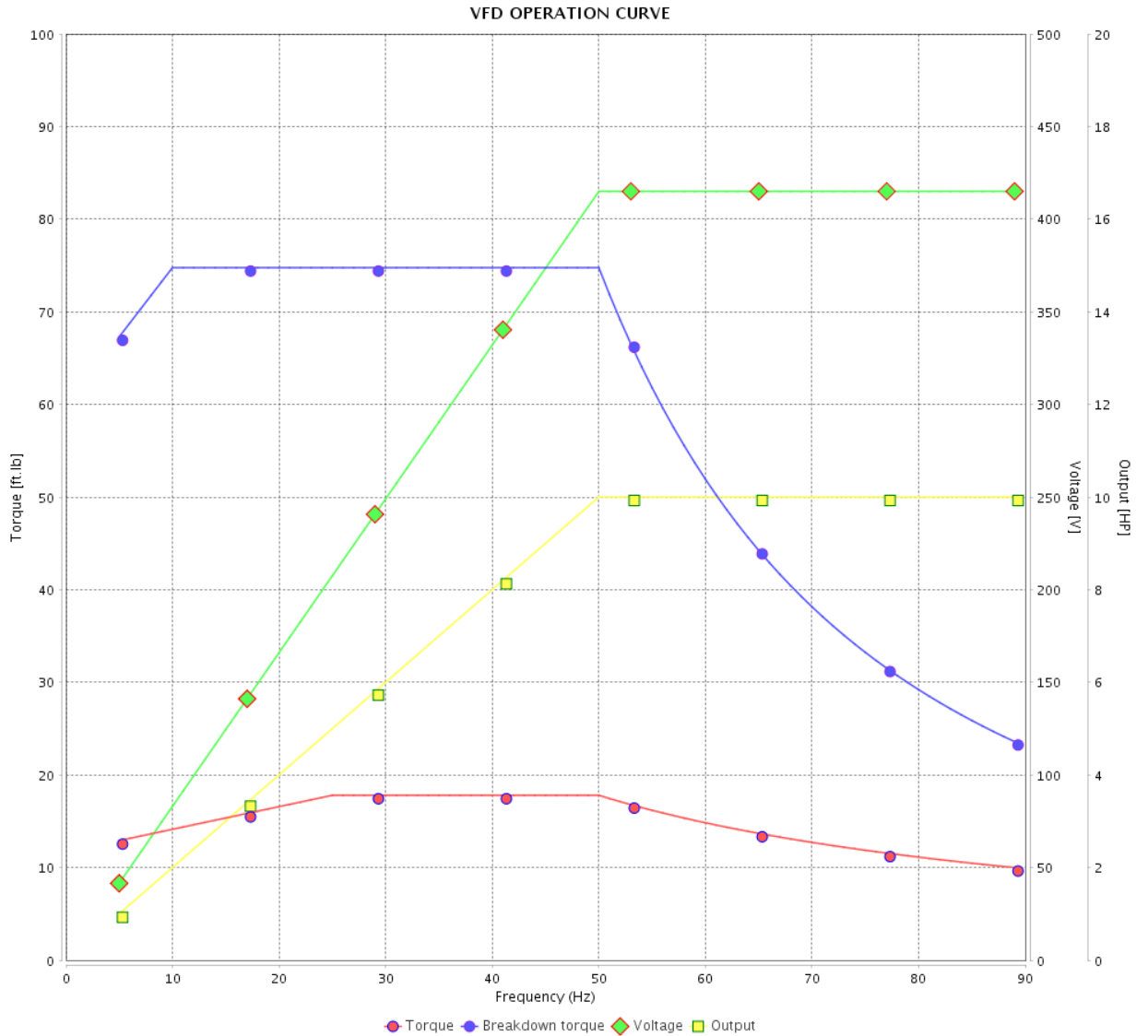
VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____

Product line : NEMA Premium Efficiency Three-Phase
 Product code : 13472774
 Catalog # : 01536ET3E215JP-W22



Performance : 415 V 50 Hz 2P IE3

Rated current : 14.0 A	Moment of inertia (J) : 0.6362 sq.ft.lb
LRC : 10.0	Duty cycle : Cont.(S1)
Rated torque : 17.8 ft.lb	Insulation class : F
Locked rotor torque : 340 %	Service factor : 1.15
Breakdown torque : 420 %	Temperature rise : 80 K
Rated speed : 2950 rpm	Design : A

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VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



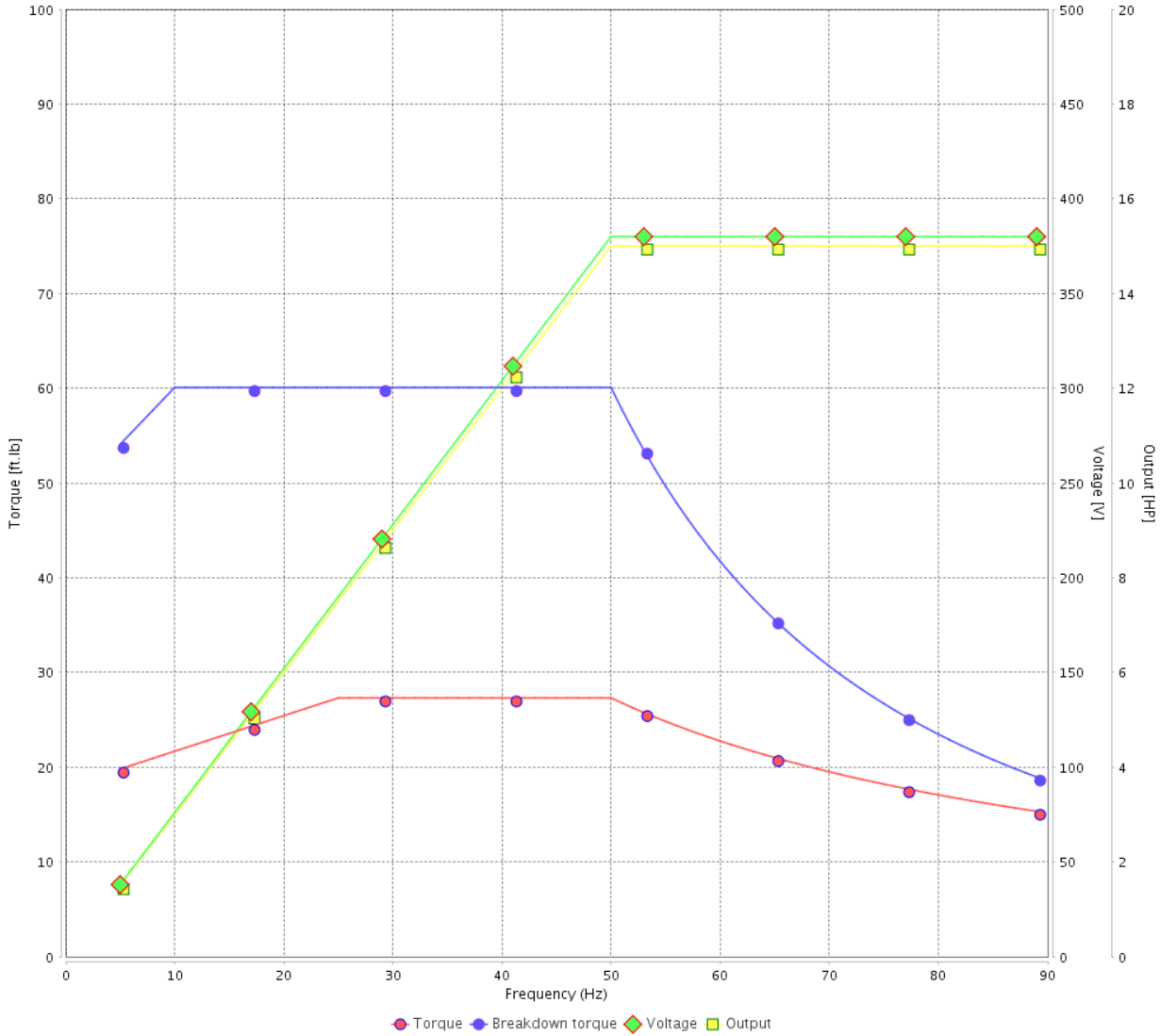
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472774

Catalog # : 01536ET3E215JP-W22

VFD OPERATION CURVE



Performance : 380 V 50 Hz 2P IE1

Rated current : 20.6 A
 LRC : 6.5
 Rated torque : 27.3 ft.lb
 Locked rotor torque : 190 %
 Breakdown torque : 220 %
 Rated speed : 2885 rpm

Moment of inertia (J) : 0.6362 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 105 K
 Design : A

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

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

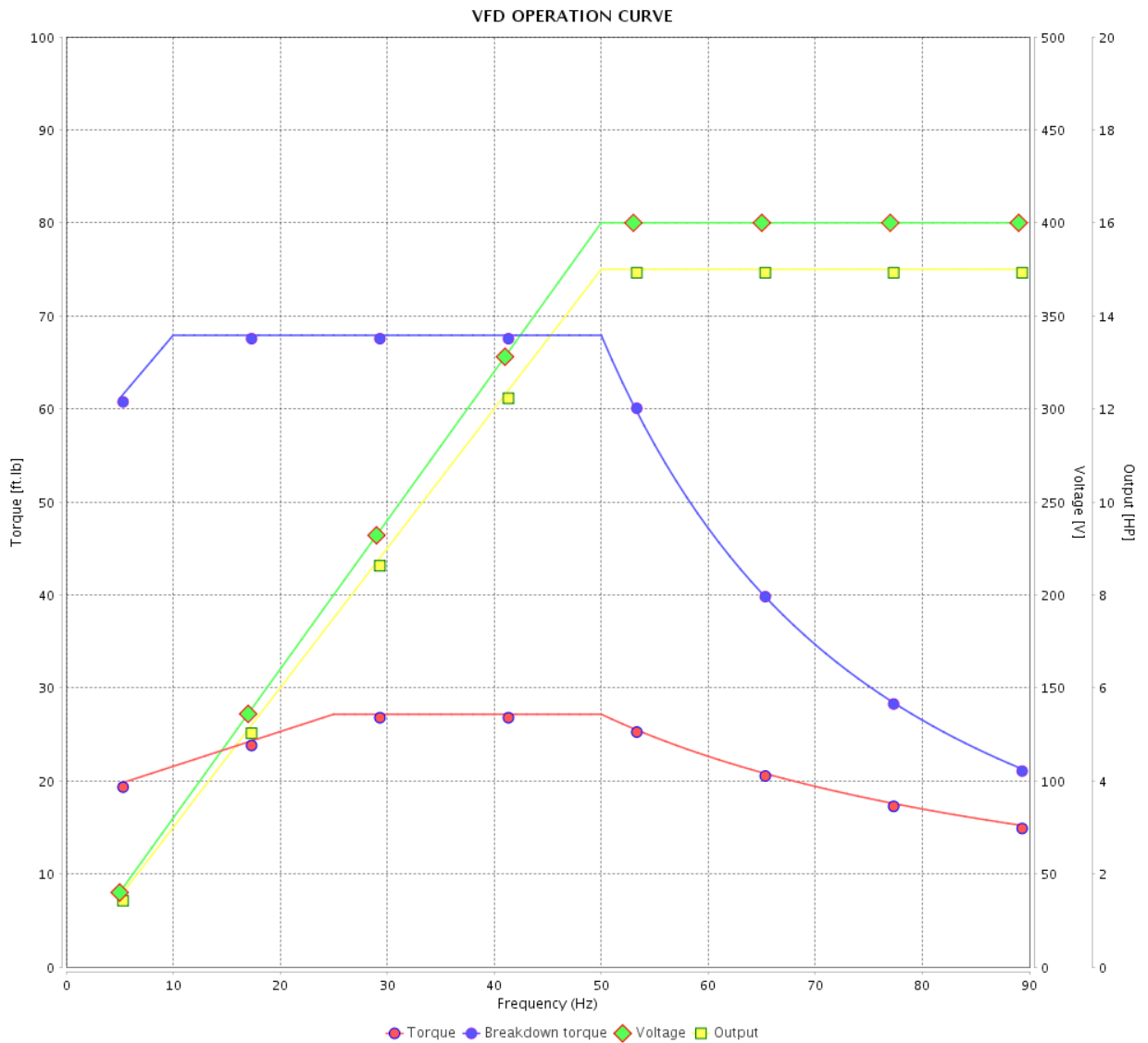


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472774

Catalog # : 01536ET3E215JP-W22



Performance : 400 V 50 Hz 2P IE2

Rated current : 19.7 A
 LRC : 7.2
 Rated torque : 27.2 ft.lb
 Locked rotor torque : 220 %
 Breakdown torque : 250 %
 Rated speed : 2900 rpm

Moment of inertia (J) : 0.6362 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 105 K
 Design : A

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

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



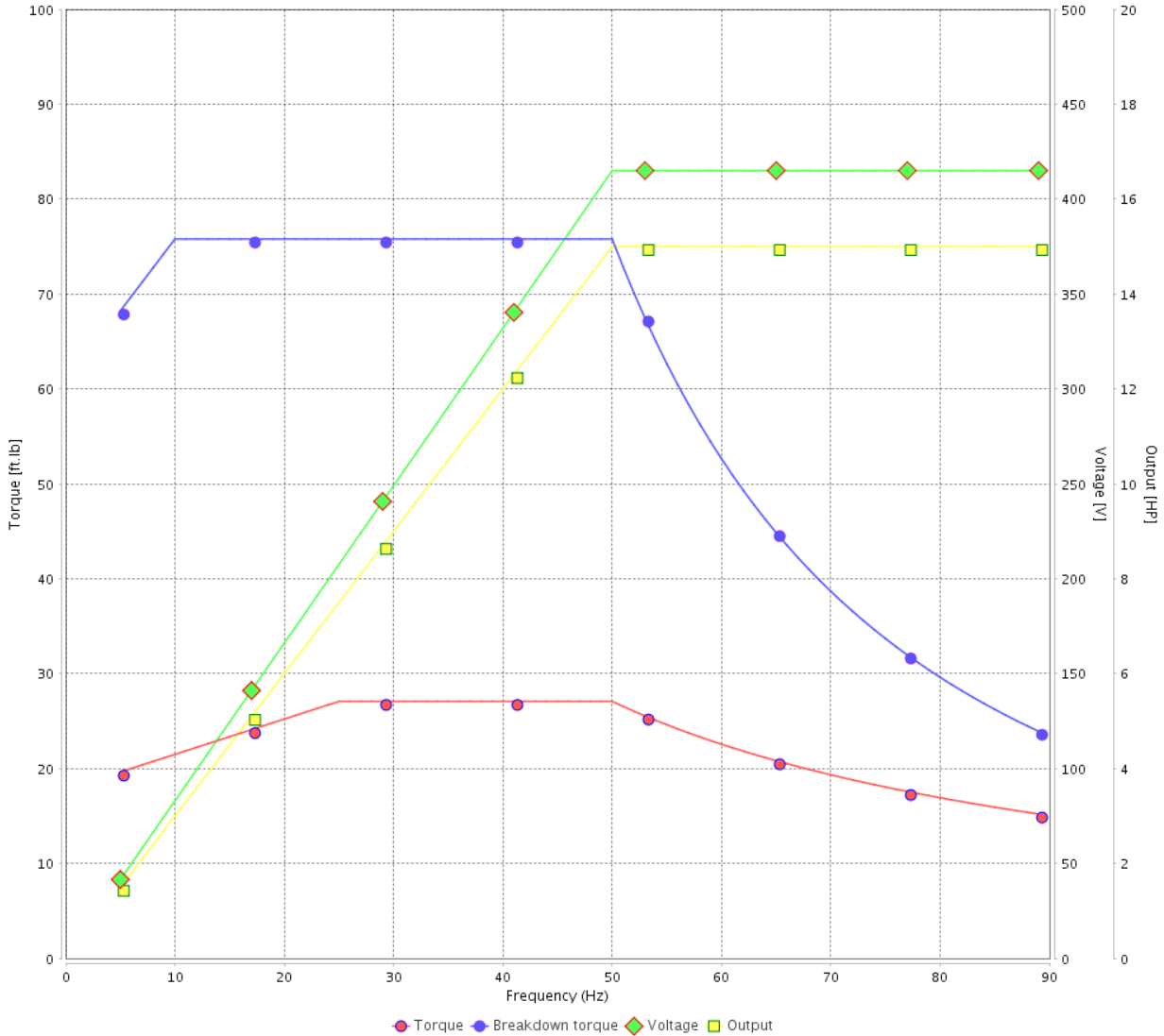
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472774

Catalog # : 01536ET3E215JP-W22

VFD OPERATION CURVE



Performance : 415 V 50 Hz 2P IE2

Rated current : 19.3 A
 LRC : 7.7
 Rated torque : 27.1 ft.lb
 Locked rotor torque : 240 %
 Breakdown torque : 280 %
 Rated speed : 2910 rpm

Moment of inertia (J) : 0.6362 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 105 K
 Design : A

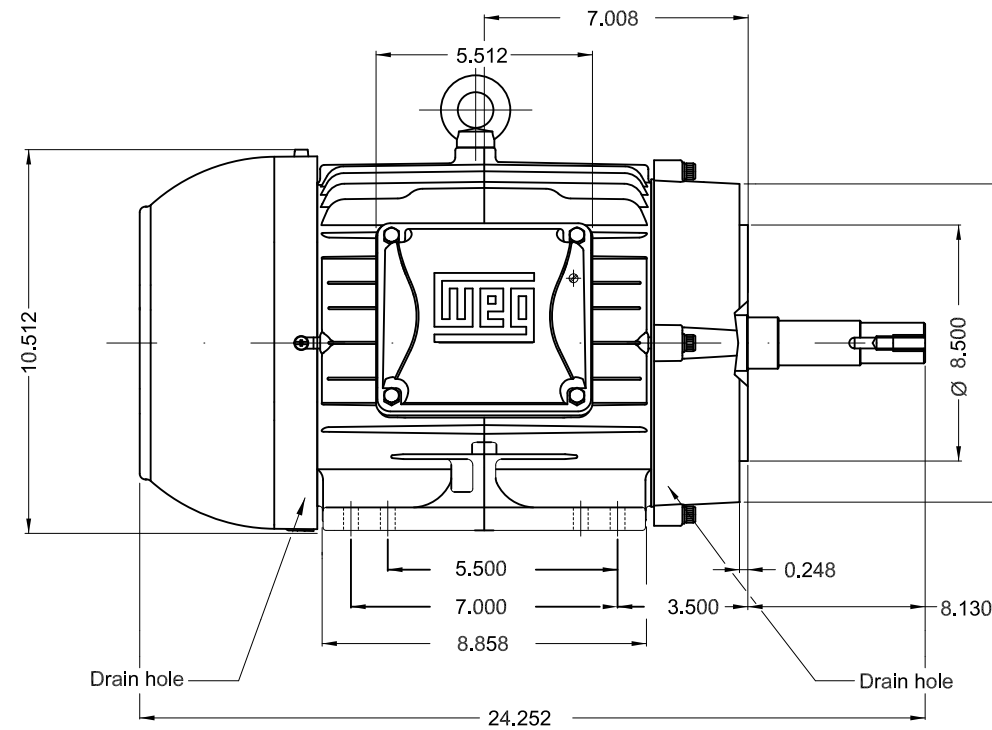
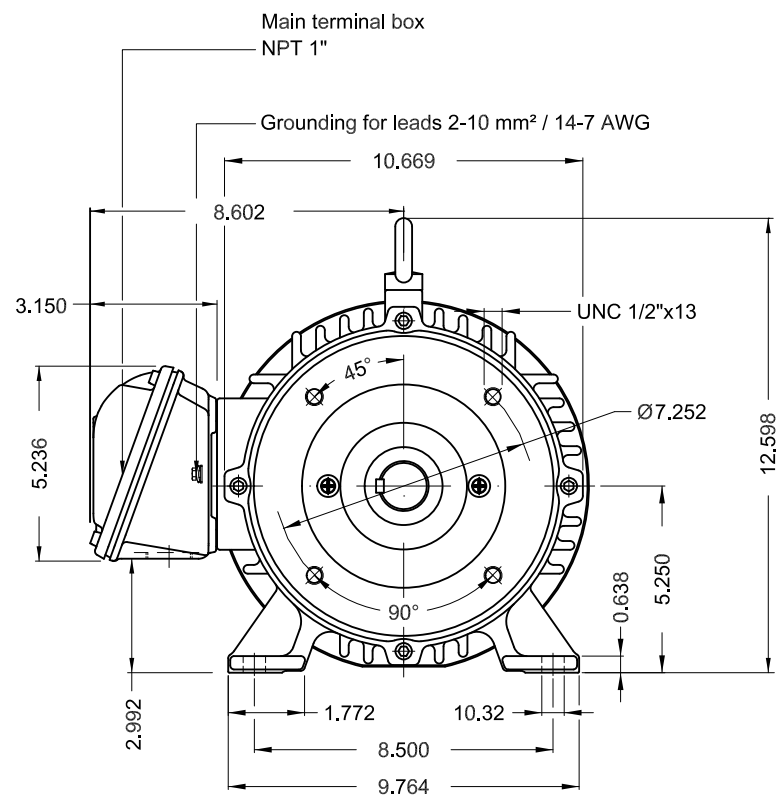
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Performed by			Page 36 / 36	Revision
Checked by				
Date	13/04/2022			

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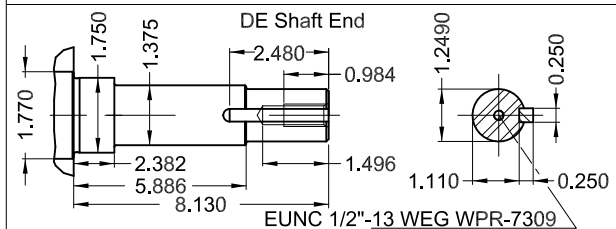
A

B

C



D



E

Color RAL 5009
 Painting plan 207A
 Mounting NEMA F-1
 Mounting B34R(D)

15 HP 02 Poles 60 Hz A

ECM	LOC	SUMMARY OF MODIFICATIONS	EXECUTED	CHECKED	RELEASED	DATE	VER
EXECUTED	PIRWBUSER	THREE PH. MOTOR JM/JP/JET PUMP W22 PREM. EFF. FRAME 213/5JP IP55 TEFC					
CHECKED							
RELEASED							
REL DT.	WMO		Jaragua do Sul	Product Engineering	SHEET	1 / 1	

PREVIEW
 WDD



**W22**

CC029A

® Inverter Duty Motor
Severe Duty

13472774

MADE IN BRAZIL MODEL 01536ET3E215JP-W22

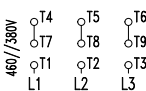
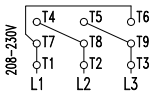
PH 3 | FR 213/5JP | HP(kW) 15.0(11.0) | Hz 60 | SF 1.25 | PF 0.89

V 230/460 | A 34.0/17.0 | RPM 3520 | INS. CL. F ΔT 80 K | IP55

NEMA NOM EFF 91.0 % | DES A | DUTY CONT. | AMB 40°C

ENCL TEFC | SFA 42.5/21.3 | USABLE @208V 37.6 A SF 1.15 SFA 43.2

15HP 11kW 50Hz 380V 20.6A 2885RPM SF1.00 EFF 89.0% (IE1) | CODE J



→ 6309-Z-C3

→ 6207-ZZ

MOBIL POLYREX EM

13 g 19000 h

ALT 1000 m.a.s.l. | 181 Lbs

For 60Hz: Class I, Div 2, Gr. A, B, C and D - T3

Class I, Zone 2, IIC - T3

Class II, Div 2, Gr. F and G - T4

For use on PWM, Gr. A, B, C, D and F

VT 1000:1, CT 20:1, 1.0SF, T3A

3PT9
US LISTEDFOR SAFE AREA
MOD.TE1BFOXON