

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer								
Product line	: NEMA Premium Efficiency Three-Phase			Product code :	11524270			
				Catalog # :	00218ET3E145JM-W22			
Frame	: 143/5JM			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	: 54.1 lb			
Protection degree	: IP55			Moment of inertia (J)	: 0.1561 sq.ft.lb			
Design	: B							
Output [HP]	2	1.5	1.5	1.5	2	2	2	
Poles	4	4	4	4	4	4	4	
Frequency [Hz]	60	50	50	50	50	50	50	
Rated voltage [V]	230/460	380	400	415	380	400	415	
Rated current [A]	5.52/2.76	2.57	2.57	2.56	3.33	3.22	3.14	
L. R. Amperes [A]	45.8/22.9	21.1	22.4	21.5	20.0	21.3	22.9	
LRC [A]	8.3x(Code L)	8.2x(Code L)	8.7x(Code M)	8.4x(Code M)	6.0x(Code H)	6.6x(Code J)	7.3x(Code K)	
No load current [A]	3.26/1.63	1.61	1.80	1.97	1.61	1.80	1.97	
Rated speed [RPM]	1750	1460	1465	1465	1435	1440	1450	
Slip [%]	2.78	2.67	2.33	2.33	4.33	4.00	3.33	
Rated torque [ft.lb]	6.00	5.40	5.38	5.38	7.32	7.29	7.24	
Locked rotor torque [%]	270	290	320	350	220	229	250	
Breakdown torque [%]	320	330	380	409	240	260	290	
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	80 K	80 K	80 K	
Locked rotor time	23s (cold) 13s (hot)	32s (cold) 18s (hot)	28s (cold) 16s (hot)	27s (cold) 15s (hot)	23s (cold) 13s (hot)	21s (cold) 12s (hot)	21s (cold) 12s (hot)	
Noise level ²	51.0 dB(A)	49.0 dB(A)	49.0 dB(A)	49.0 dB(A)	49.0 dB(A)	49.0 dB(A)	49.0 dB(A)	
Efficiency (%)	25%	85.2	83.5	80.9	80.3	86.7	83.7	83.8
	50%	85.5	84.0	82.0	81.4	85.5	84.0	84.0
	75%	86.5	84.2	83.5	83.1	84.0	84.0	84.0
	100%	86.5	84.5	84.5	84.1	82.5	84.0	84.0
Power Factor	25%	0.32	0.31	0.27	0.25	0.39	0.35	0.32
	50%	0.57	0.55	0.50	0.47	0.66	0.62	0.60
	75%	0.70	0.69	0.64	0.61	0.78	0.74	0.72
	100%	0.79	0.77	0.73	0.71	0.83	0.80	0.79
Bearing type	: Drive end 6206 ZZ Non drive end 6204 ZZ		Foundation loads					
Sealing	: V'Ring V'Ring		Max. traction : 156 lb					
Lubrication interval	: - -		Max. compression : 210 lb					
Lubricant amount	: - -							
Lubricant type	: Mobil Polyrex EM							
Notes								
USABLE @208V 5.85A SF 1.15 SFA 6.73A								
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



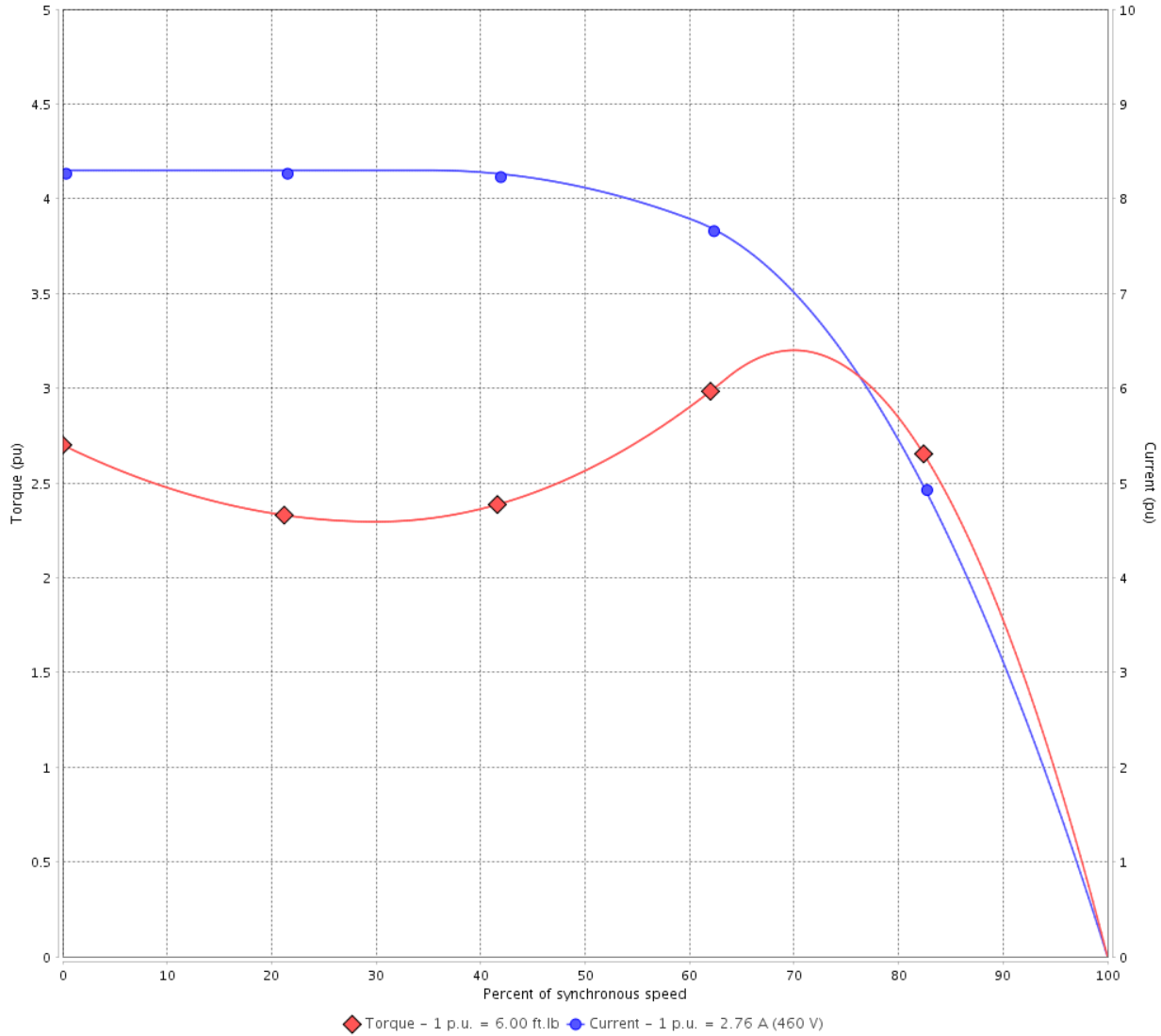
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11524270

Catalog # : 00218ET3E145JM-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 230/460 V 60 Hz 4P

Rated current : 5.52/2.76 A
 LRC : 8.3
 Rated torque : 6.00 ft.lb
 Locked rotor torque : 270 %
 Breakdown torque : 320 %
 Rated speed : 1750 rpm

Moment of inertia (J) : 0.1561 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.25
 Temperature rise : 80 K
 Design : B

Locked rotor time : 23s (cold) 13s (hot)

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TORQUE AND CURRENT VS SPEED CURVE



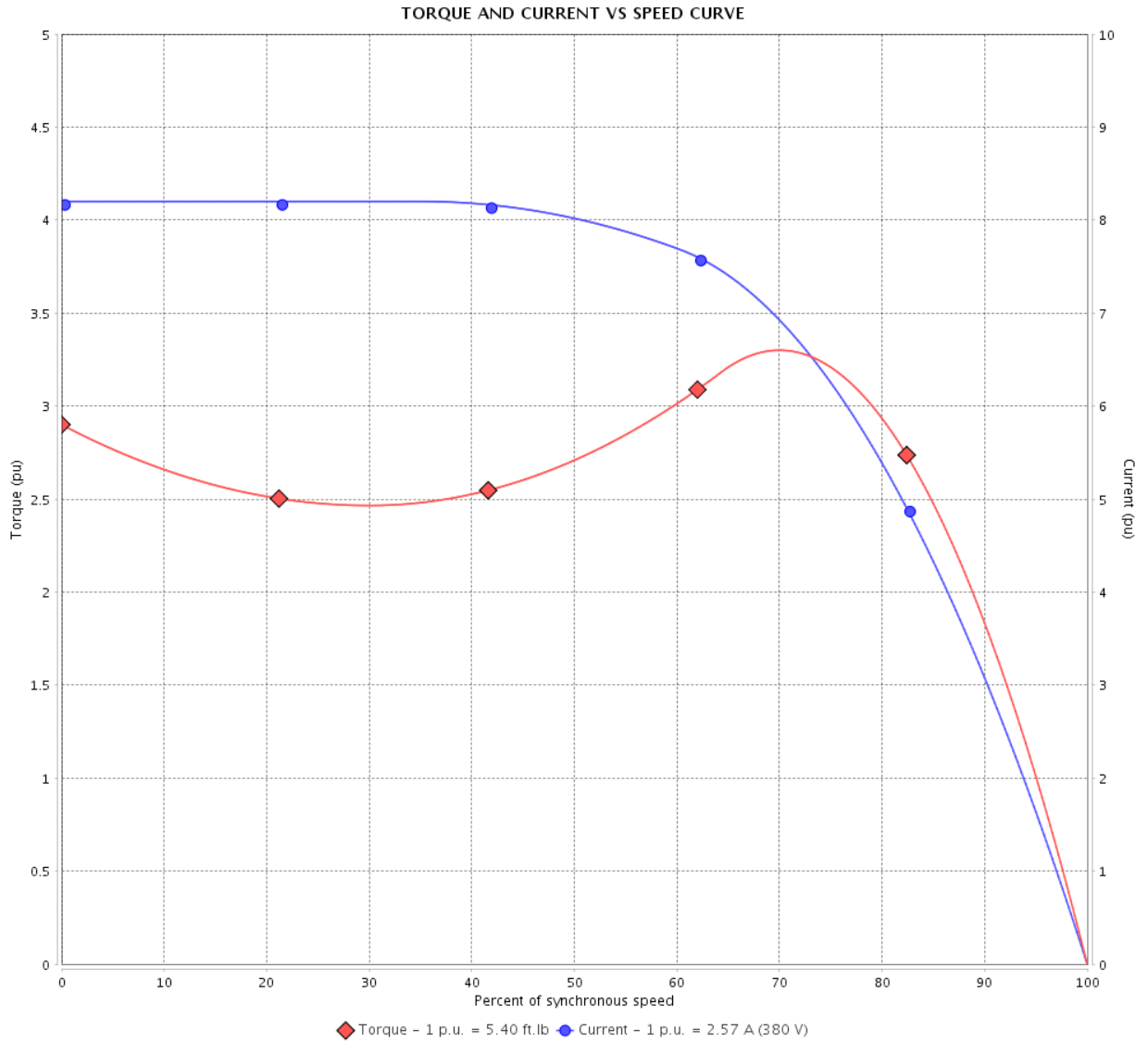
Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11524270

Catalog # : 00218ET3E145JM-W22



Performance : 380 V 50 Hz 4P IE3

Rated current : 2.57 A
 LRC : 8.2
 Rated torque : 5.40 ft.lb
 Locked rotor torque : 290 %
 Breakdown torque : 330 %
 Rated speed : 1460 rpm

Moment of inertia (J) : 0.1561 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.25
 Temperature rise : 80 K
 Design : B

Locked rotor time : 32s (cold) 18s (hot)

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



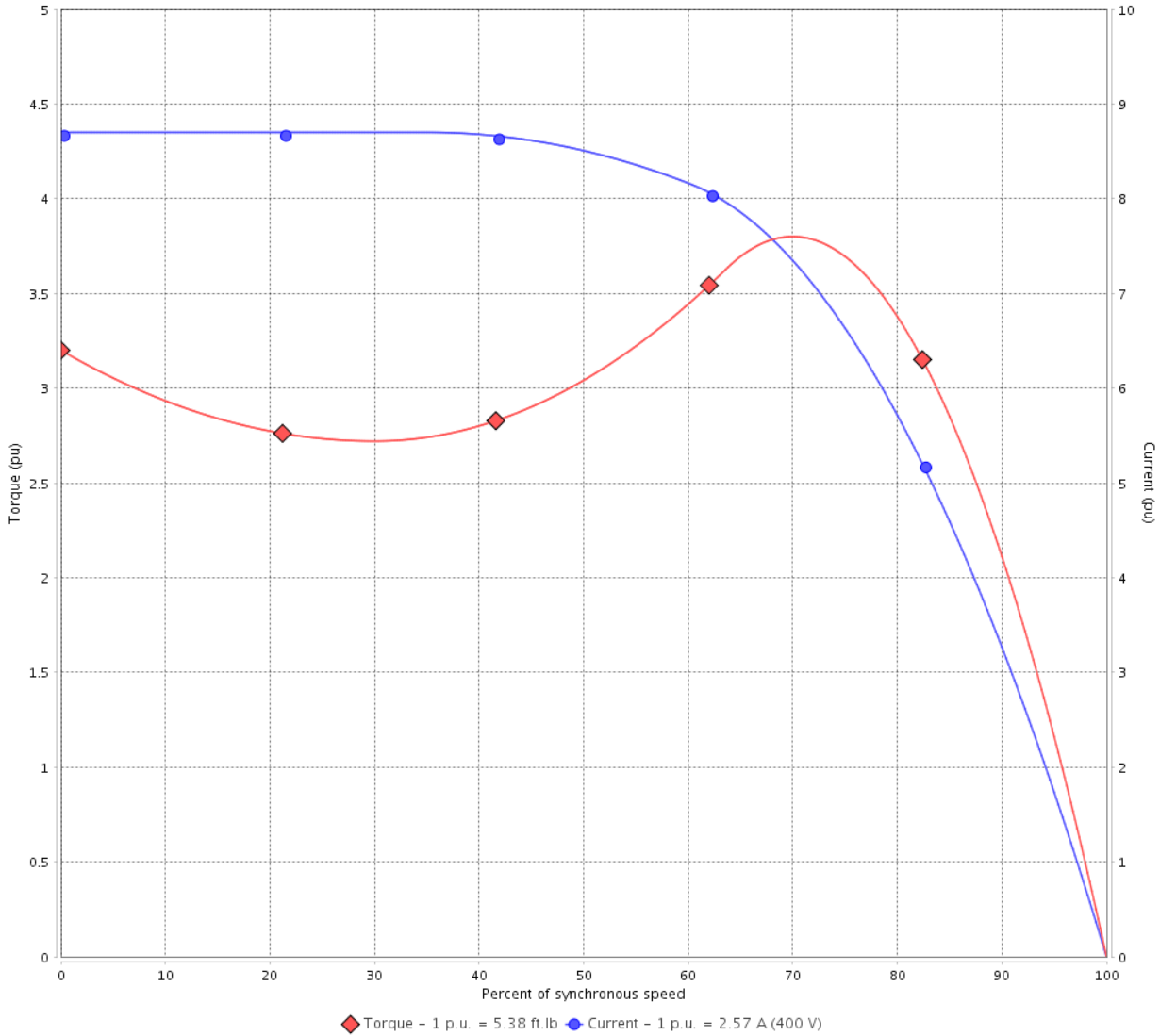
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11524270

Catalog # : 00218ET3E145JM-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 400 V 50 Hz 4P IE3

Rated current	: 2.57 A	Moment of inertia (J)	: 0.1561 sq.ft.lb
LRC	: 8.7	Duty cycle	: Cont.(S1)
Rated torque	: 5.38 ft.lb	Insulation class	: F
Locked rotor torque	: 320 %	Service factor	: 1.25
Breakdown torque	: 380 %	Temperature rise	: 80 K
Rated speed	: 1465 rpm	Design	: B

Locked rotor time : 28s (cold) 16s (hot)

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TORQUE AND CURRENT VS SPEED CURVE



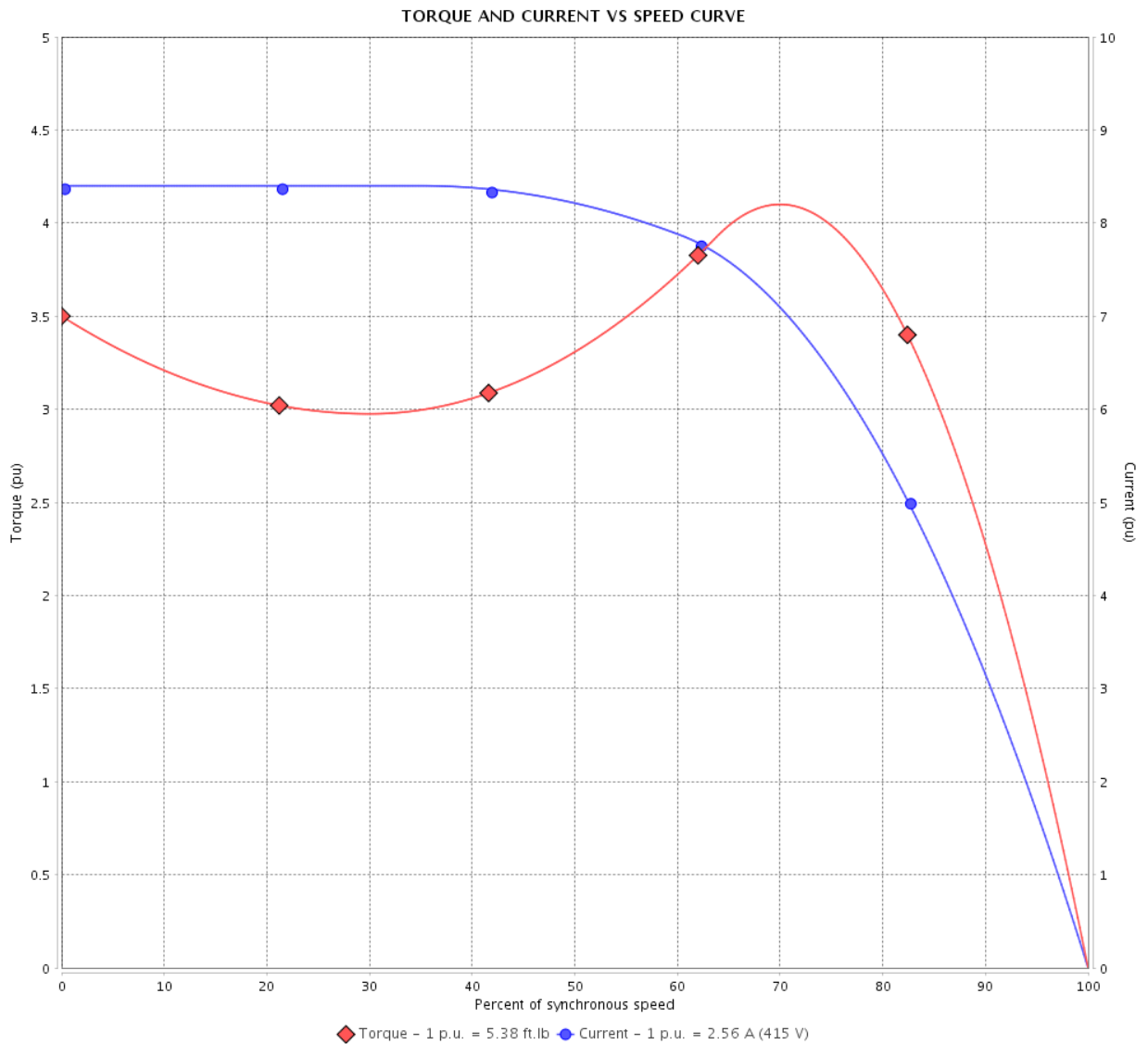
Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11524270

Catalog # : 00218ET3E145JM-W22



Performance : 415 V 50 Hz 4P IE3

Rated current	: 2.56 A	Moment of inertia (J)	: 0.1561 sq.ft.lb
LRC	: 8.4	Duty cycle	: Cont.(S1)
Rated torque	: 5.38 ft.lb	Insulation class	: F
Locked rotor torque	: 350 %	Service factor	: 1.25
Breakdown torque	: 409 %	Temperature rise	: 80 K
Rated speed	: 1465 rpm	Design	: B

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

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TORQUE AND CURRENT VS SPEED CURVE

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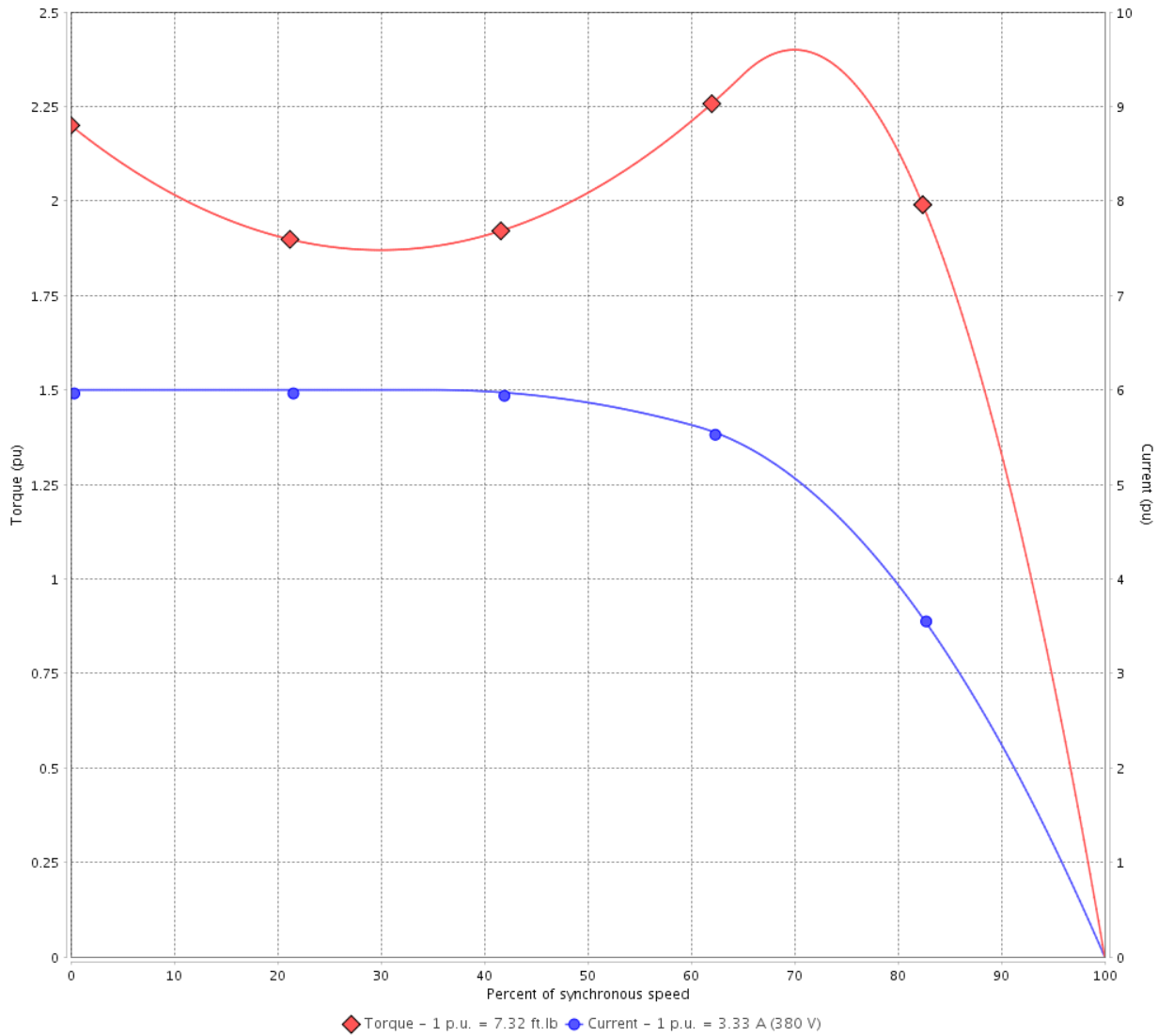
Customer :

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Catalog # : 00218ET3E145JM-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 380 V 50 Hz 4P IE1

Rated current	: 3.33 A	Moment of inertia (J)	: 0.1561 sq.ft.lb
LRC	: 6.0	Duty cycle	: Cont.(S1)
Rated torque	: 7.32 ft.lb	Insulation class	: F
Locked rotor torque	: 220 %	Service factor	: 1.25
Breakdown torque	: 240 %	Temperature rise	: 80 K
Rated speed	: 1435 rpm	Design	: B

Locked rotor time : 23s (cold) 13s (hot)

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TORQUE AND CURRENT VS SPEED CURVE



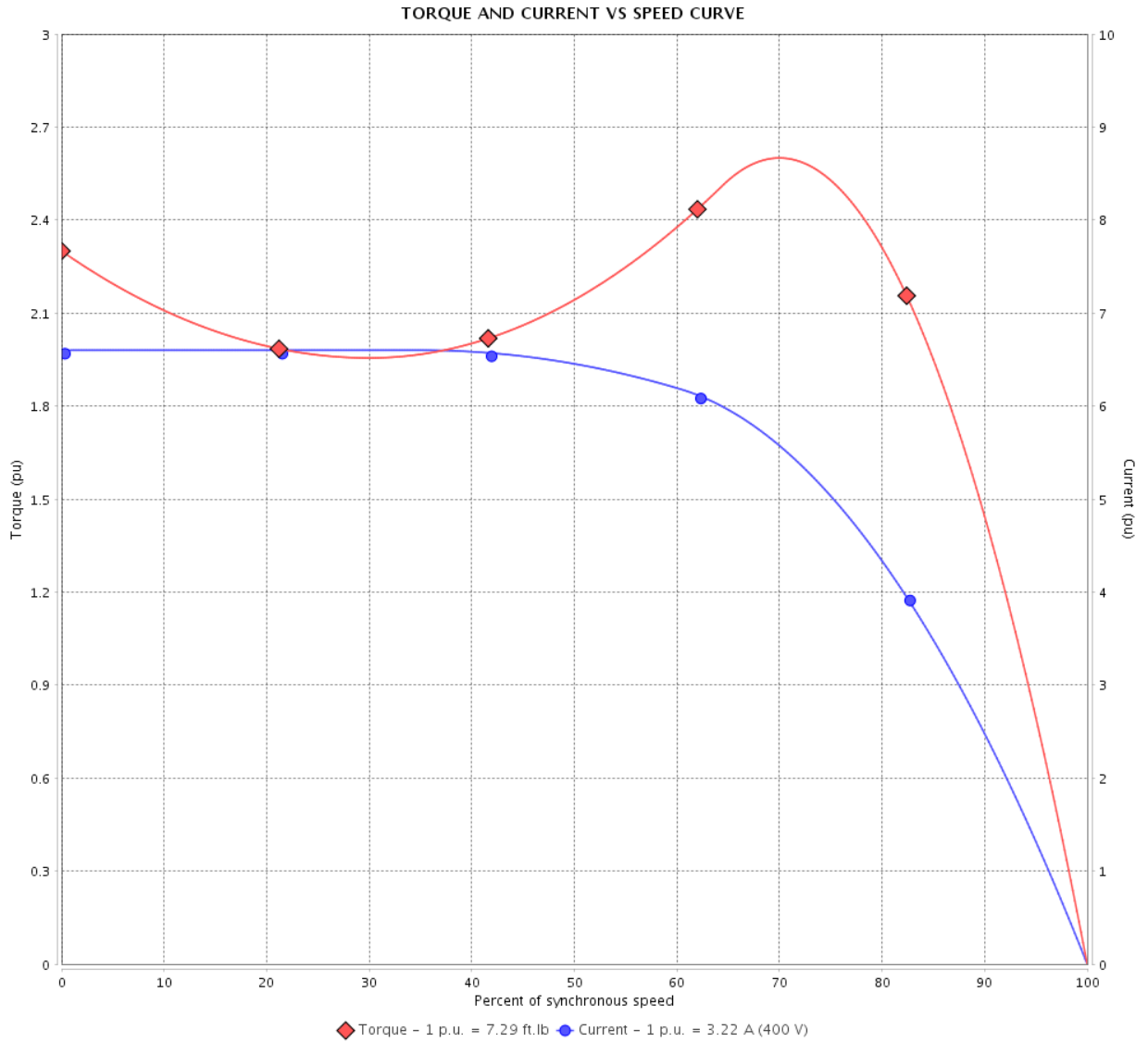
Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11524270

Catalog # : 00218ET3E145JM-W22



Performance : 400 V 50 Hz 4P IE2

Rated current : 3.22 A
 LRC : 6.6
 Rated torque : 7.29 ft.lb
 Locked rotor torque : 229 %
 Breakdown torque : 260 %
 Rated speed : 1440 rpm

Moment of inertia (J) : 0.1561 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.25
 Temperature rise : 80 K
 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

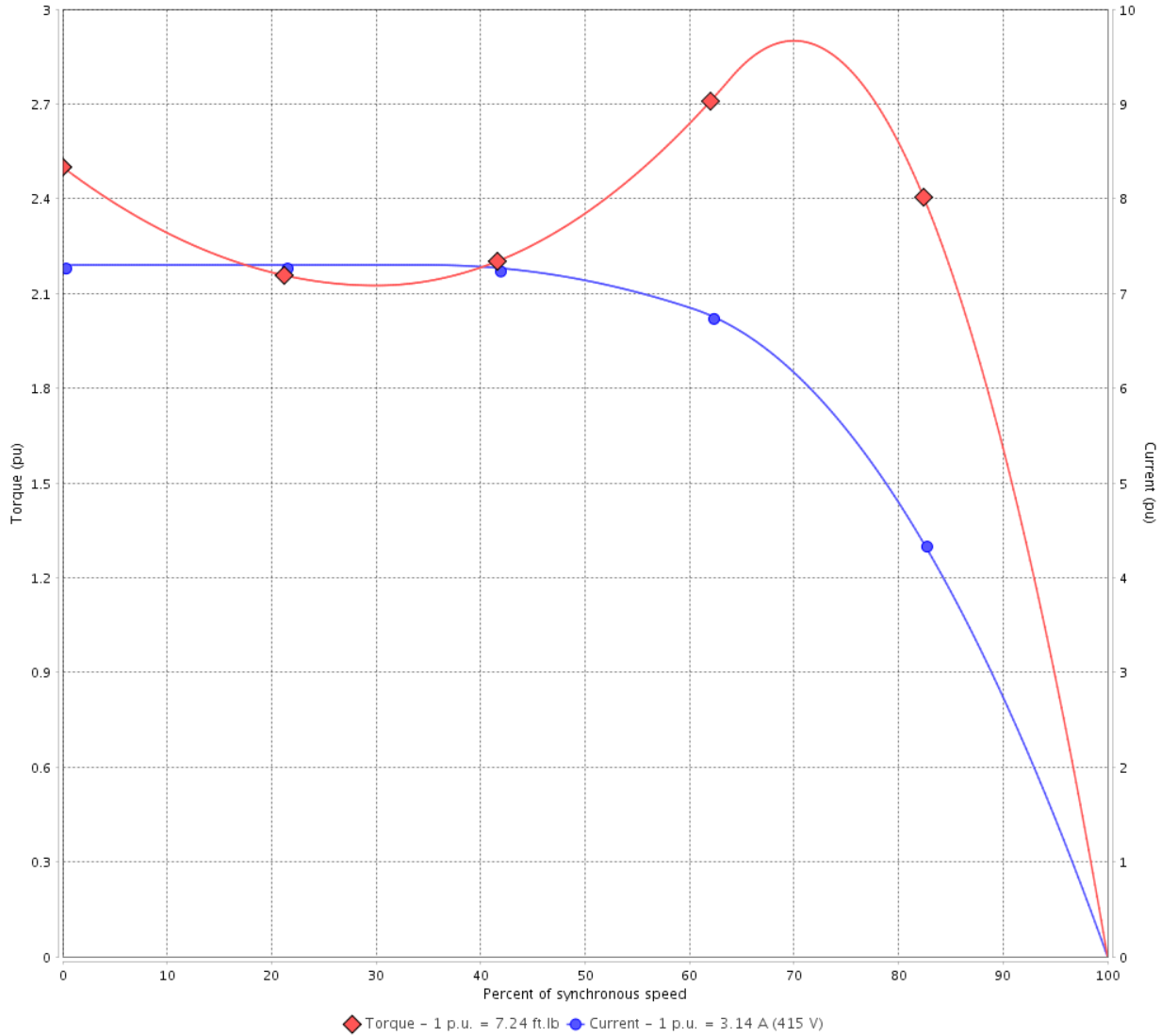
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11524270

Catalog # : 00218ET3E145JM-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 415 V 50 Hz 4P IE2

Rated current	: 3.14 A	Moment of inertia (J)	: 0.1561 sq.ft.lb
LRC	: 7.3	Duty cycle	: Cont.(S1)
Rated torque	: 7.24 ft.lb	Insulation class	: F
Locked rotor torque	: 250 %	Service factor	: 1.25
Breakdown torque	: 290 %	Temperature rise	: 80 K
Rated speed	: 1450 rpm	Design	: B

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

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Three Phase Induction Motor - Squirrel Cage

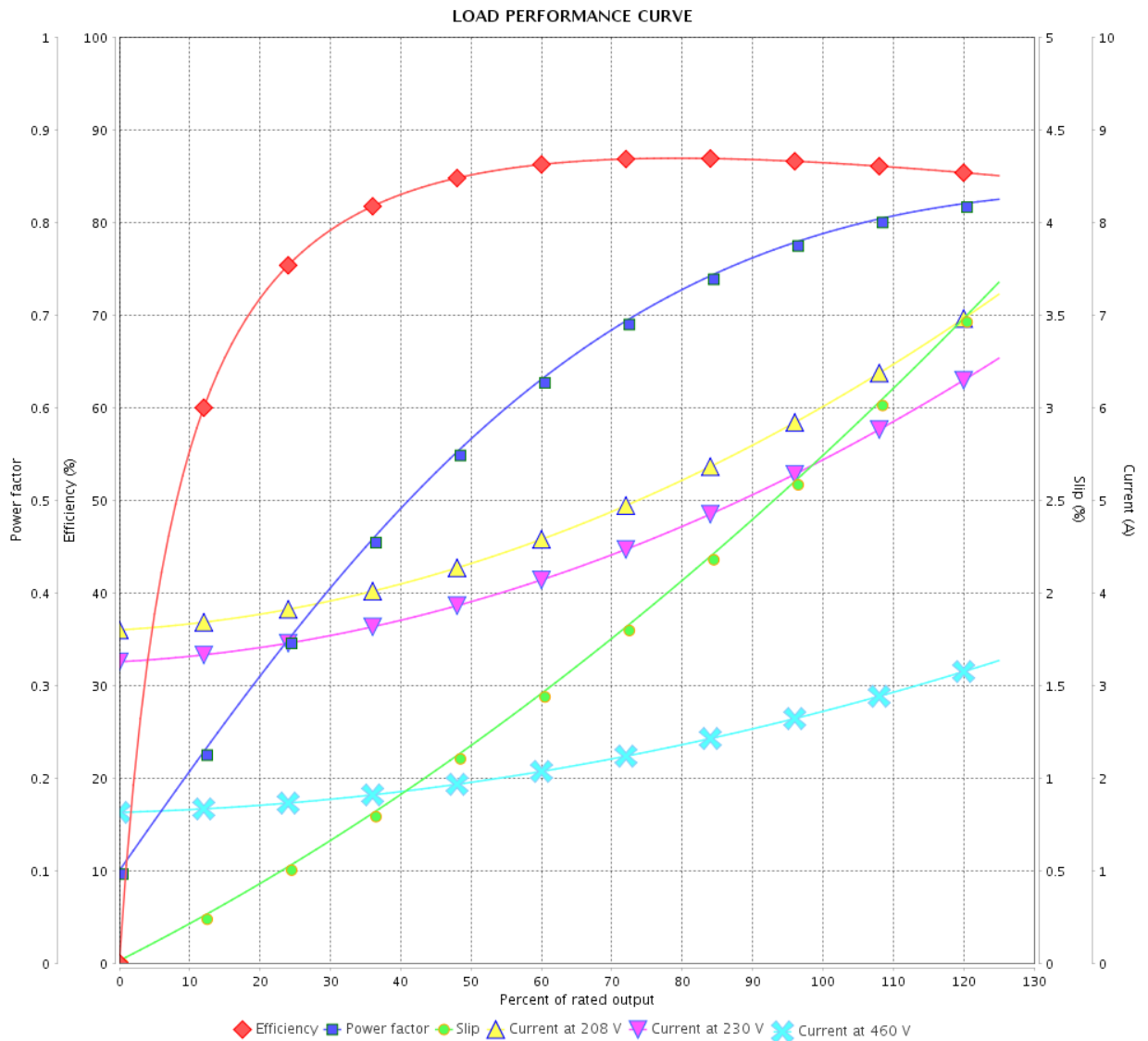


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Catalog # : 00218ET3E145JM-W22



Performance : 230/460 V 60 Hz 4P

Rated current : 5.52/2.76 A
 LRC : 8.3
 Rated torque : 6.00 ft.lb
 Locked rotor torque : 270 %
 Breakdown torque : 320 %
 Rated speed : 1750 rpm

Moment of inertia (J) : 0.1561 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



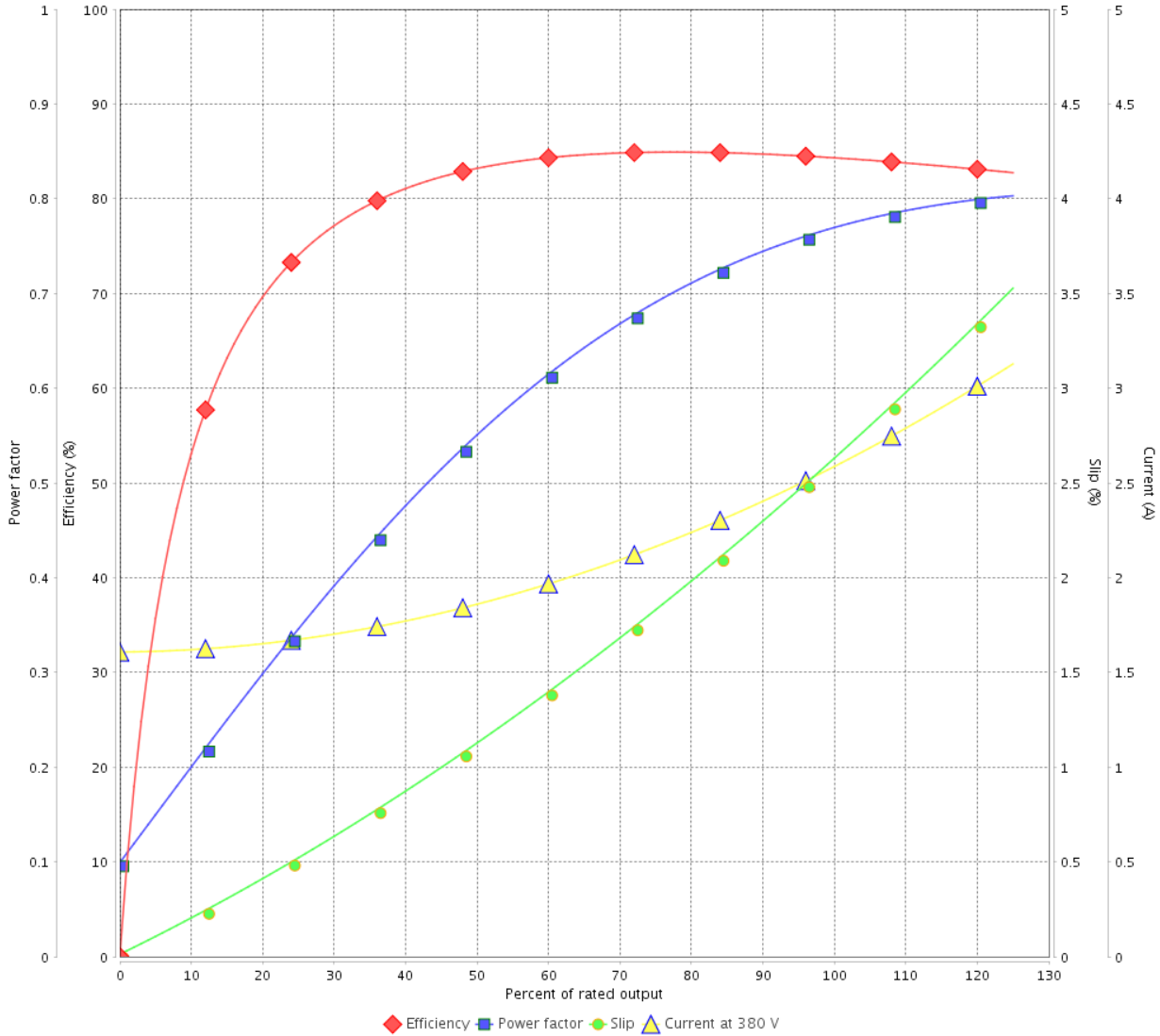
Customer :

Product line : NEMA Premium Efficiency Three-Phase

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Performance : 380 V 50 Hz 4P IE3

Rated current : 2.57 A
 LRC : 8.2
 Rated torque : 5.40 ft.lb
 Locked rotor torque : 290 %
 Breakdown torque : 330 %
 Rated speed : 1460 rpm

Moment of inertia (J) : 0.1561 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.25
 Temperature rise : 80 K
 Design : B

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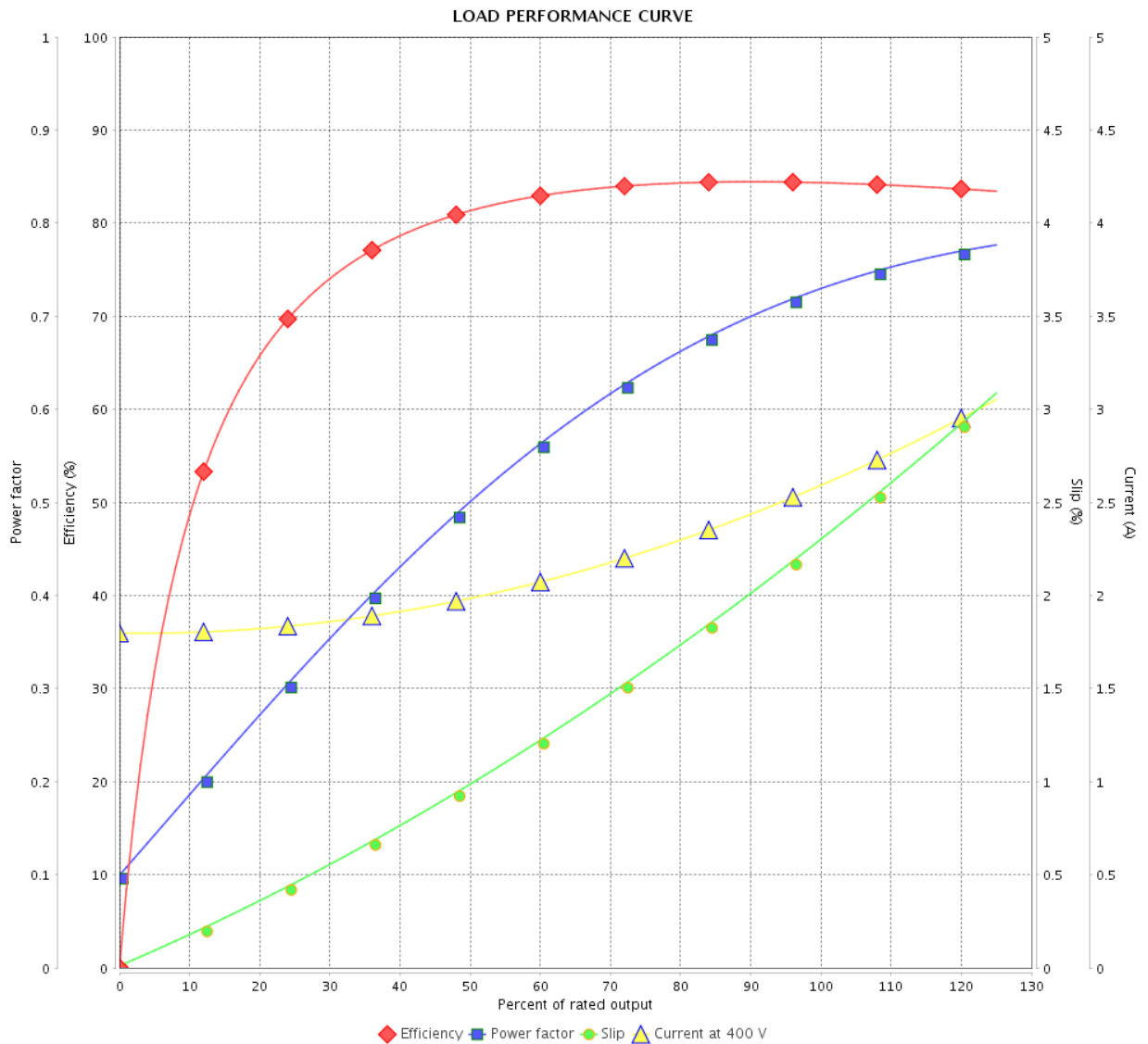


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Product code : 11524270

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Performance : 400 V 50 Hz 4P IE3

Rated current : 2.57 A
 LRC : 8.7
 Rated torque : 5.38 ft.lb
 Locked rotor torque : 320 %
 Breakdown torque : 380 %
 Rated speed : 1465 rpm

Moment of inertia (J) : 0.1561 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



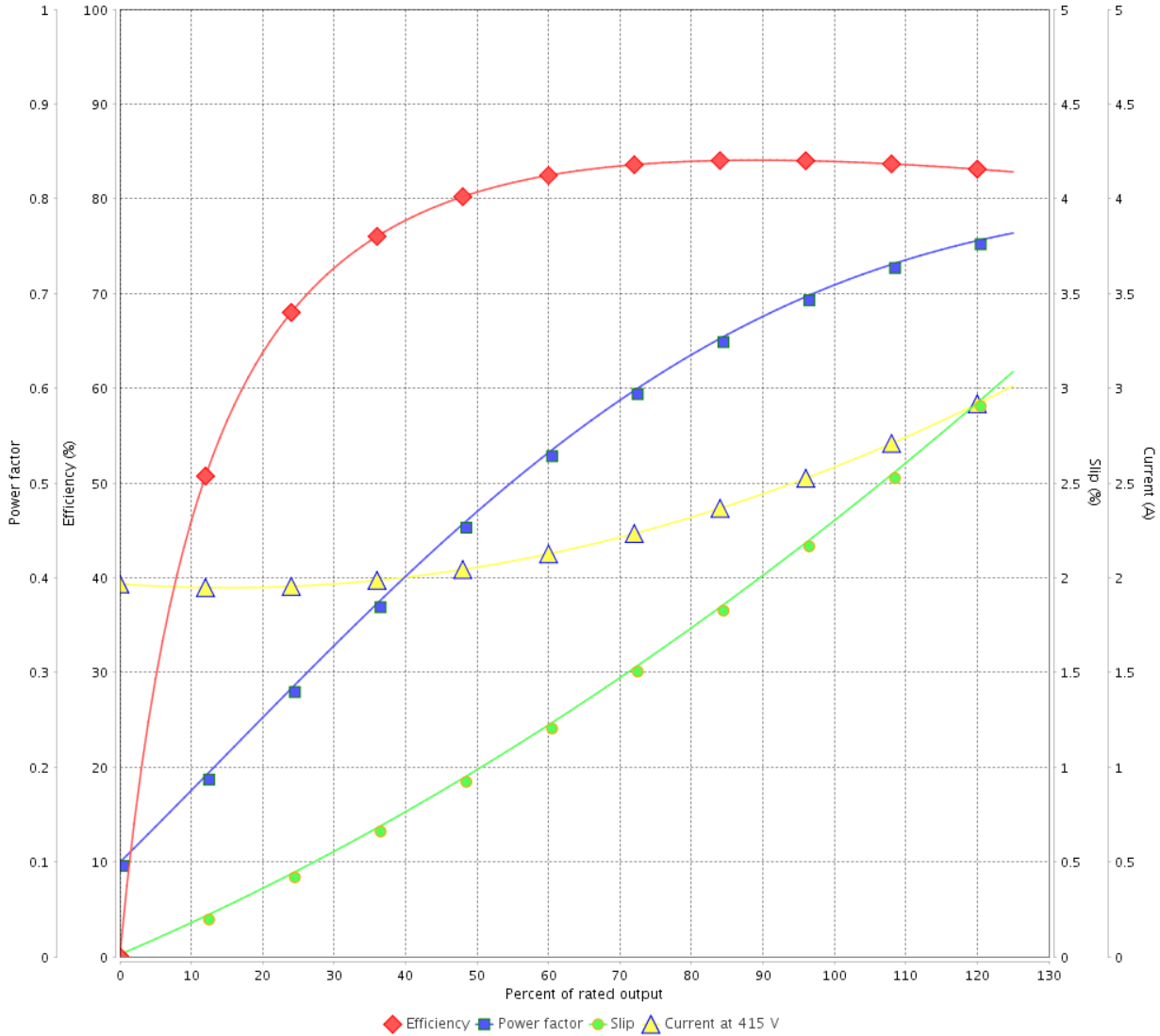
Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11524270

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LOAD PERFORMANCE CURVE



Performance : 415 V 50 Hz 4P IE3

Rated current : 2.56 A
 LRC : 8.4
 Rated torque : 5.38 ft.lb
 Locked rotor torque : 350 %
 Breakdown torque : 409 %
 Rated speed : 1465 rpm

Moment of inertia (J) : 0.1561 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

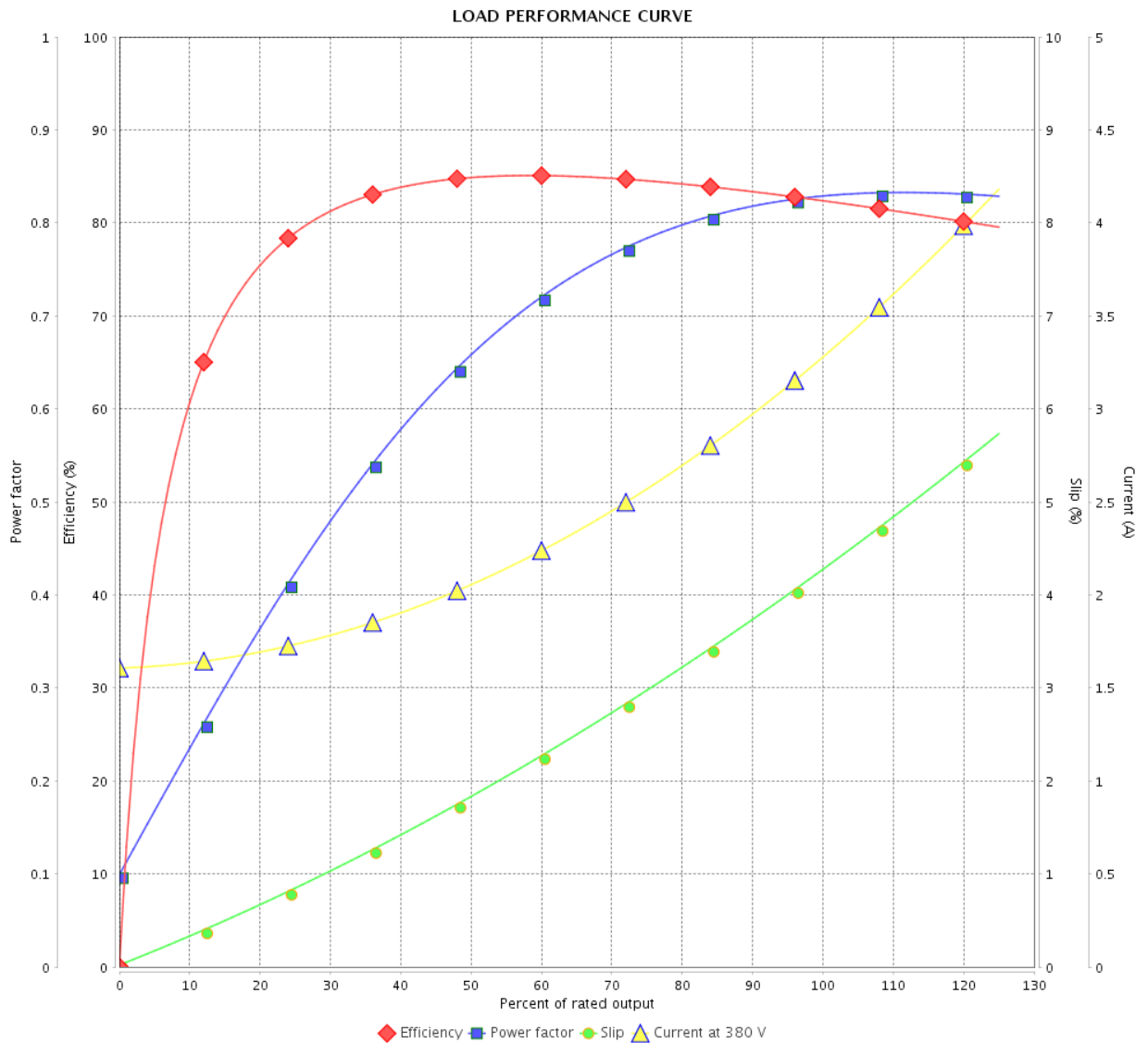


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11524270

Catalog # : 00218ET3E145JM-W22



Performance : 380 V 50 Hz 4P IE1

Rated current : 3.33 A
 LRC : 6.0
 Rated torque : 7.32 ft.lb
 Locked rotor torque : 220 %
 Breakdown torque : 240 %
 Rated speed : 1435 rpm

Moment of inertia (J) : 0.1561 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



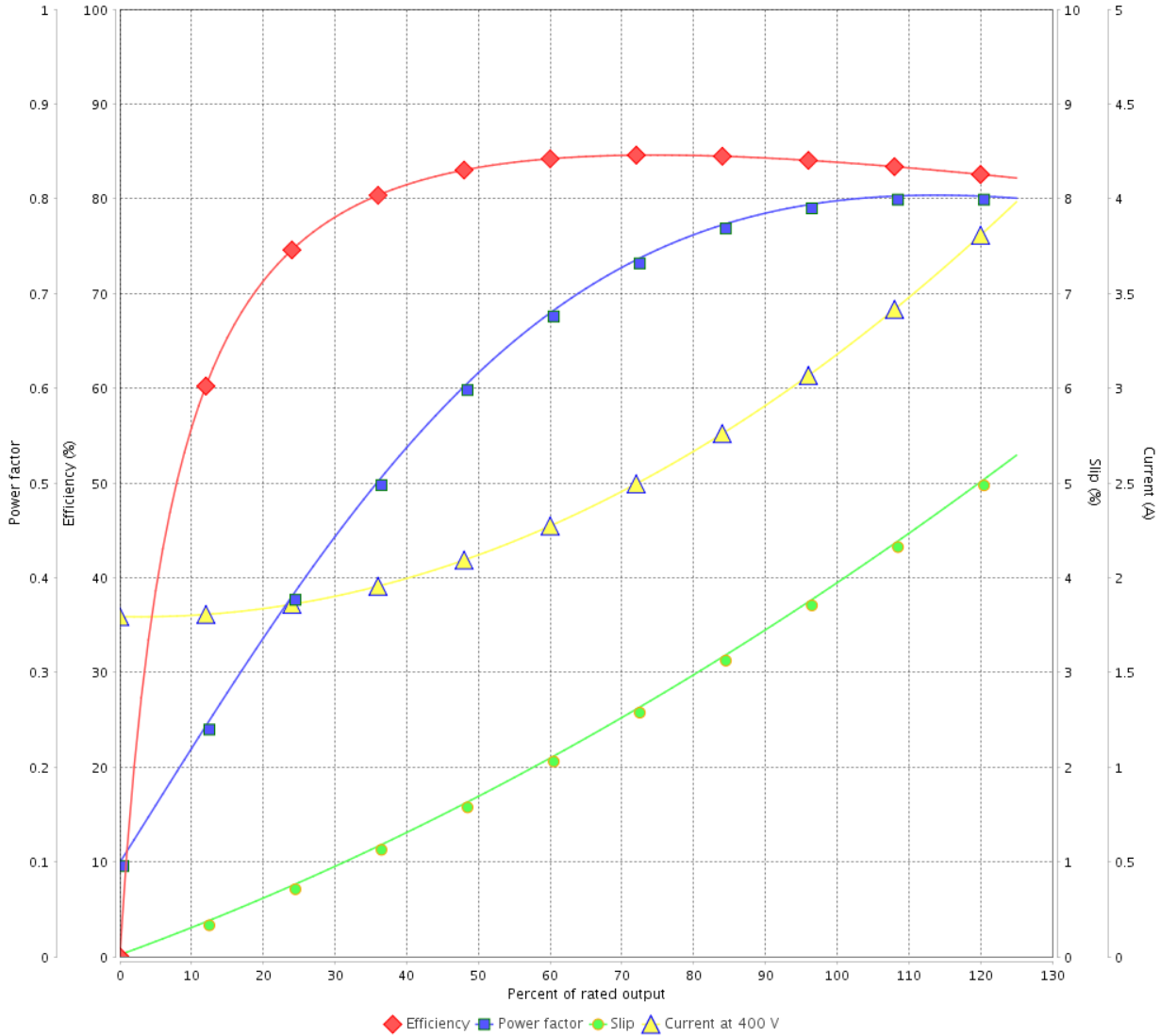
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11524270

Catalog # : 00218ET3E145JM-W22

LOAD PERFORMANCE CURVE



Performance : 400 V 50 Hz 4P IE2

Rated current : 3.22 A
 LRC : 6.6
 Rated torque : 7.29 ft.lb
 Locked rotor torque : 229 %
 Breakdown torque : 260 %
 Rated speed : 1440 rpm

Moment of inertia (J) : 0.1561 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

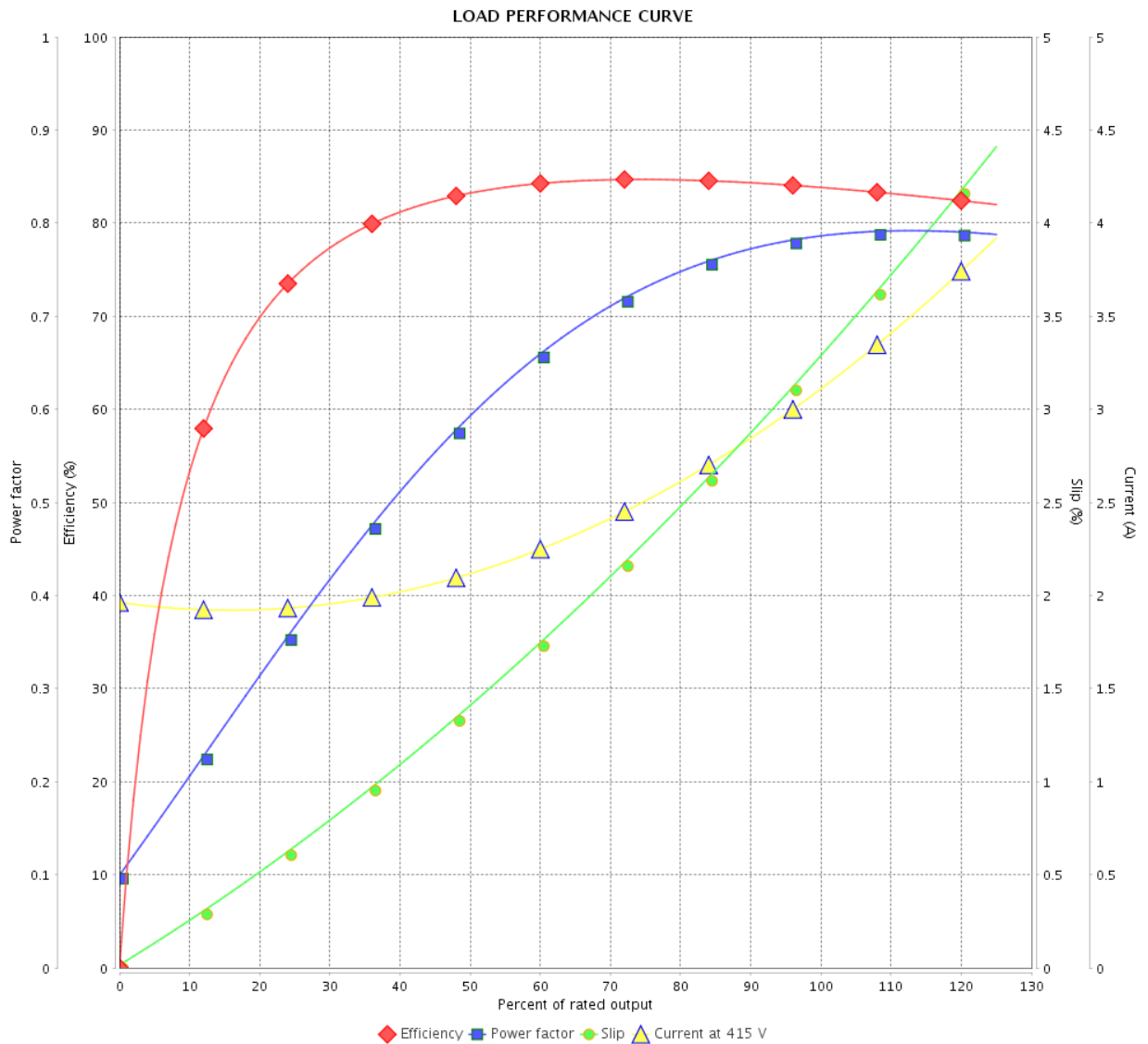


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11524270

Catalog # : 00218ET3E145JM-W22



Performance : 415 V 50 Hz 4P IE2

Rated current : 3.14 A
 LRC : 7.3
 Rated torque : 7.24 ft.lb
 Locked rotor torque : 250 %
 Breakdown torque : 290 %
 Rated speed : 1450 rpm

Moment of inertia (J) : 0.1561 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 :

Product line : NEMA Premium Efficiency Three-Phase
 Product code : 11524270
 Catalog # : 00218ET3E145JM-W22

Performance : 230/460 V 60 Hz 4P

Rated current : 5.52/2.76 A	Moment of inertia (J) : 0.1561 sq.ft.lb
LRC : 8.3	Duty cycle : Cont.(S1)
Rated torque : 6.00 ft.lb	Insulation class : F
Locked rotor torque : 270 %	Service factor : 1.25
Breakdown torque : 320 %	Temperature rise : 80 K
Rated speed : 1750 rpm	Design : B

Heating constant

Cooling constant

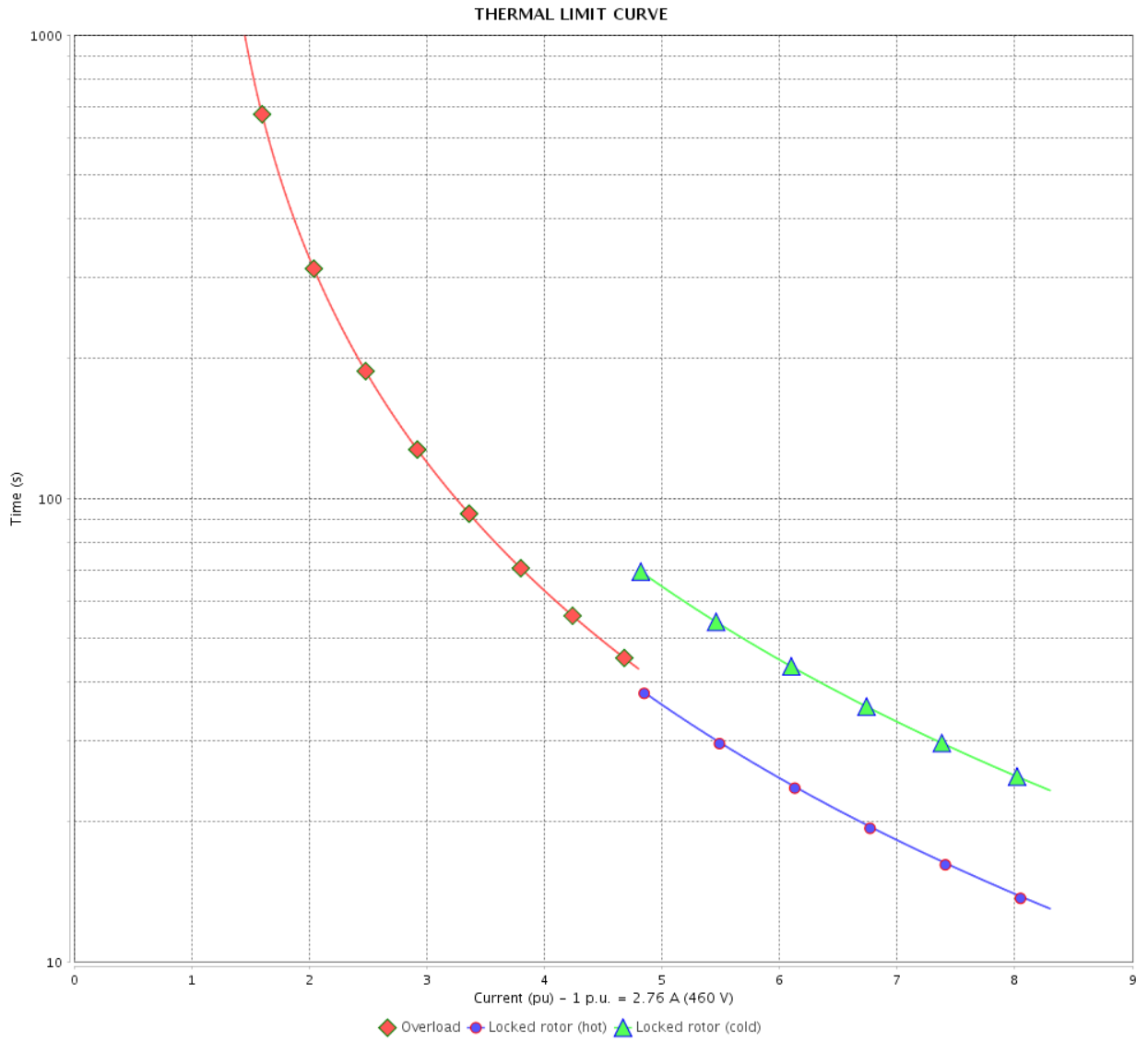
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Three Phase Induction Motor - Squirrel Cage



Customer : _____



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THERMAL LIMIT CURVE



Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase
 Product code : 11524270
 Catalog # : 00218ET3E145JM-W22

Performance : 380 V 50 Hz 4P IE3

Rated current : 2.57 A	Moment of inertia (J) : 0.1561 sq.ft.lb
LRC : 8.2	Duty cycle : Cont.(S1)
Rated torque : 5.40 ft.lb	Insulation class : F
Locked rotor torque : 290 %	Service factor : 1.25
Breakdown torque : 330 %	Temperature rise : 80 K
Rated speed : 1460 rpm	Design : B

Heating constant

Cooling constant

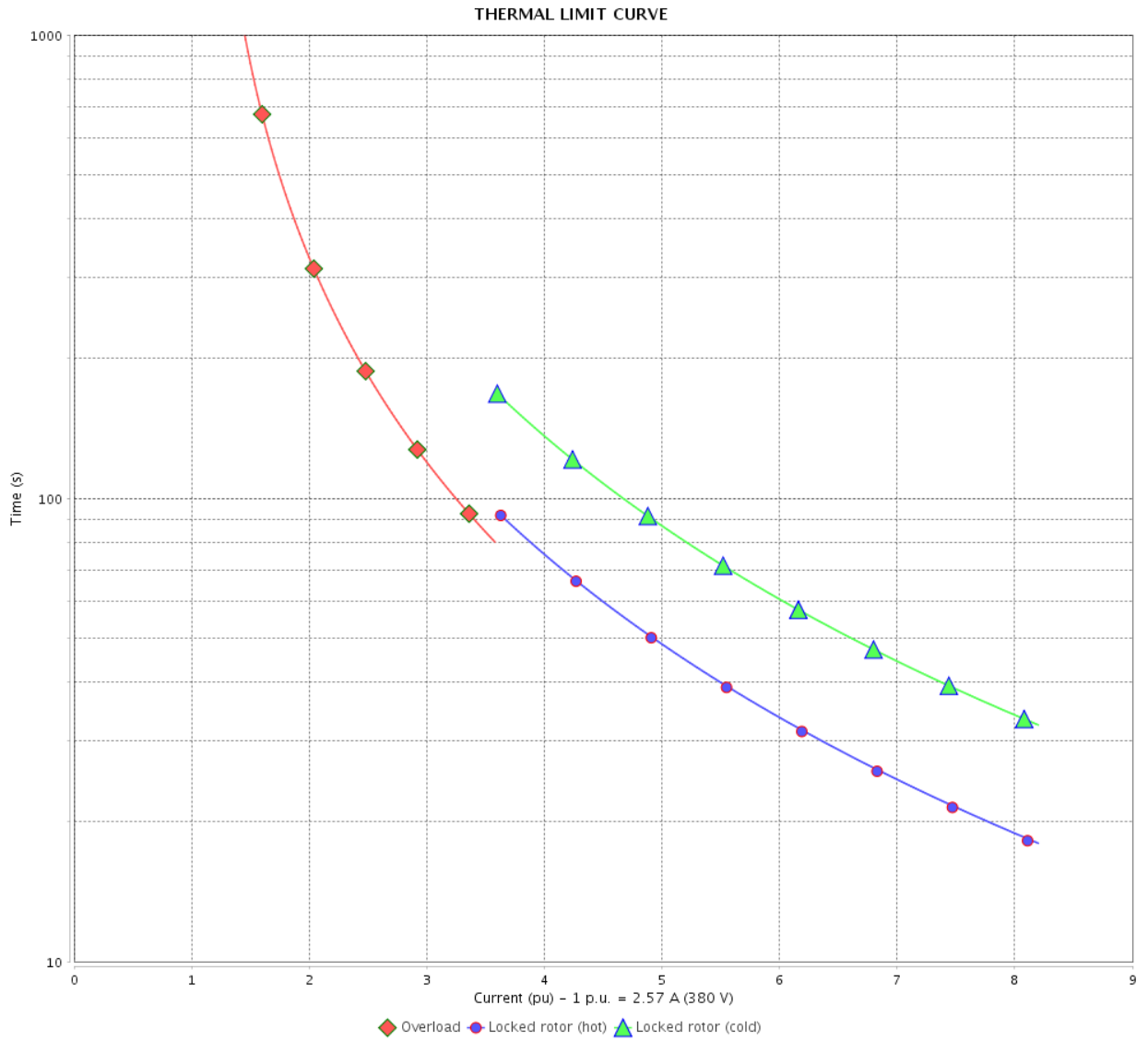
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Customer : _____



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Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase
Product code : 11524270
Catalog # : 00218ET3E145JM-W22

Performance : 400 V 50 Hz 4P IE3

Rated current	: 2.57 A	Moment of inertia (J)	: 0.1561 sq.ft.lb
LRC	: 8.7	Duty cycle	: Cont.(S1)
Rated torque	: 5.38 ft.lb	Insulation class	: F
Locked rotor torque	: 320 %	Service factor	: 1.25
Breakdown torque	: 380 %	Temperature rise	: 80 K
Rated speed	: 1465 rpm	Design	: B

Heating constant

Cooling constant

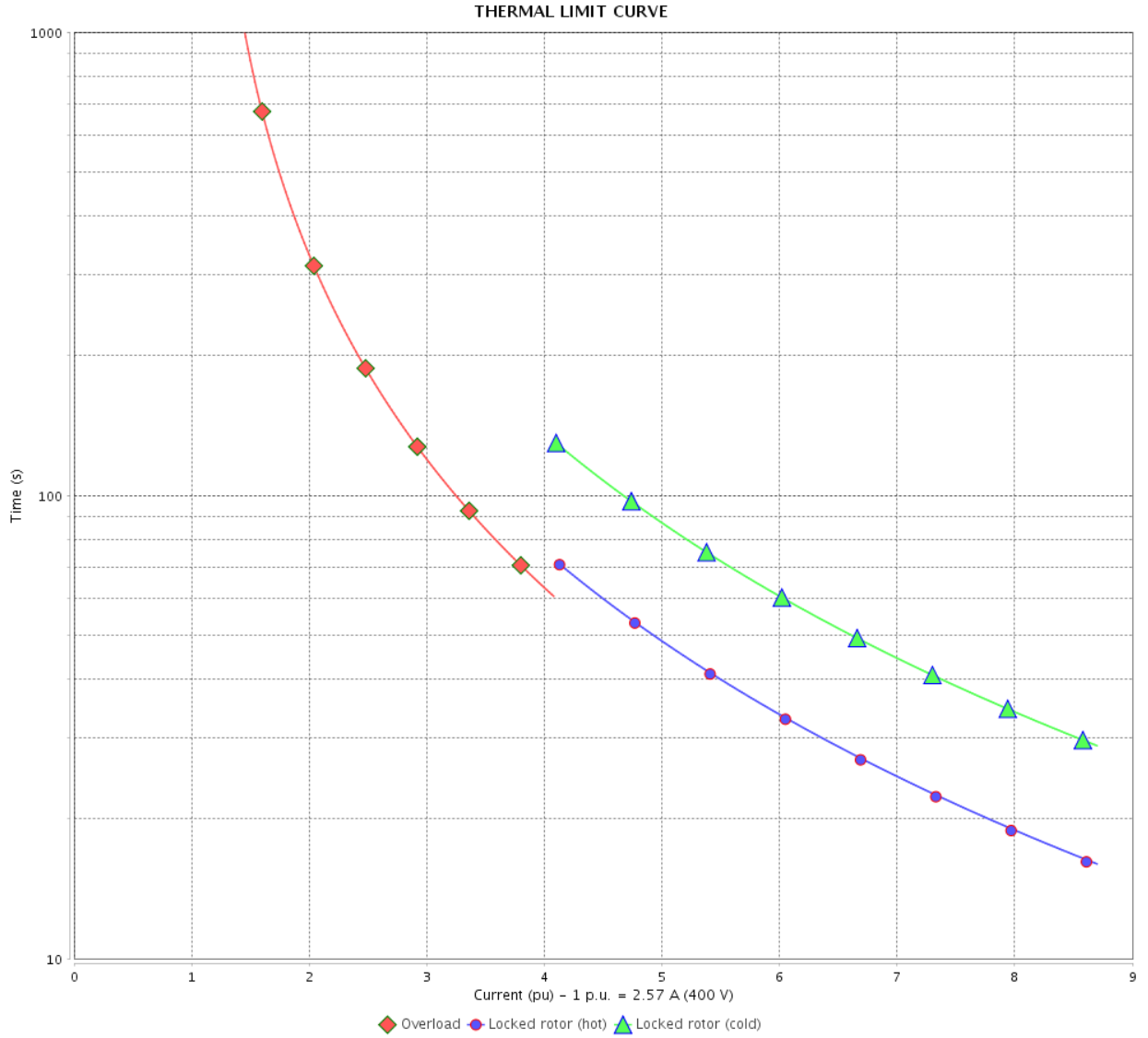
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Performance : 415 V 50 Hz 4P IE3

Rated current	: 2.56 A	Moment of inertia (J)	: 0.1561 sq.ft.lb
LRC	: 8.4	Duty cycle	: Cont.(S1)
Rated torque	: 5.38 ft.lb	Insulation class	: F
Locked rotor torque	: 350 %	Service factor	: 1.25
Breakdown torque	: 409 %	Temperature rise	: 80 K
Rated speed	: 1465 rpm	Design	: B

Heating constant

Cooling constant

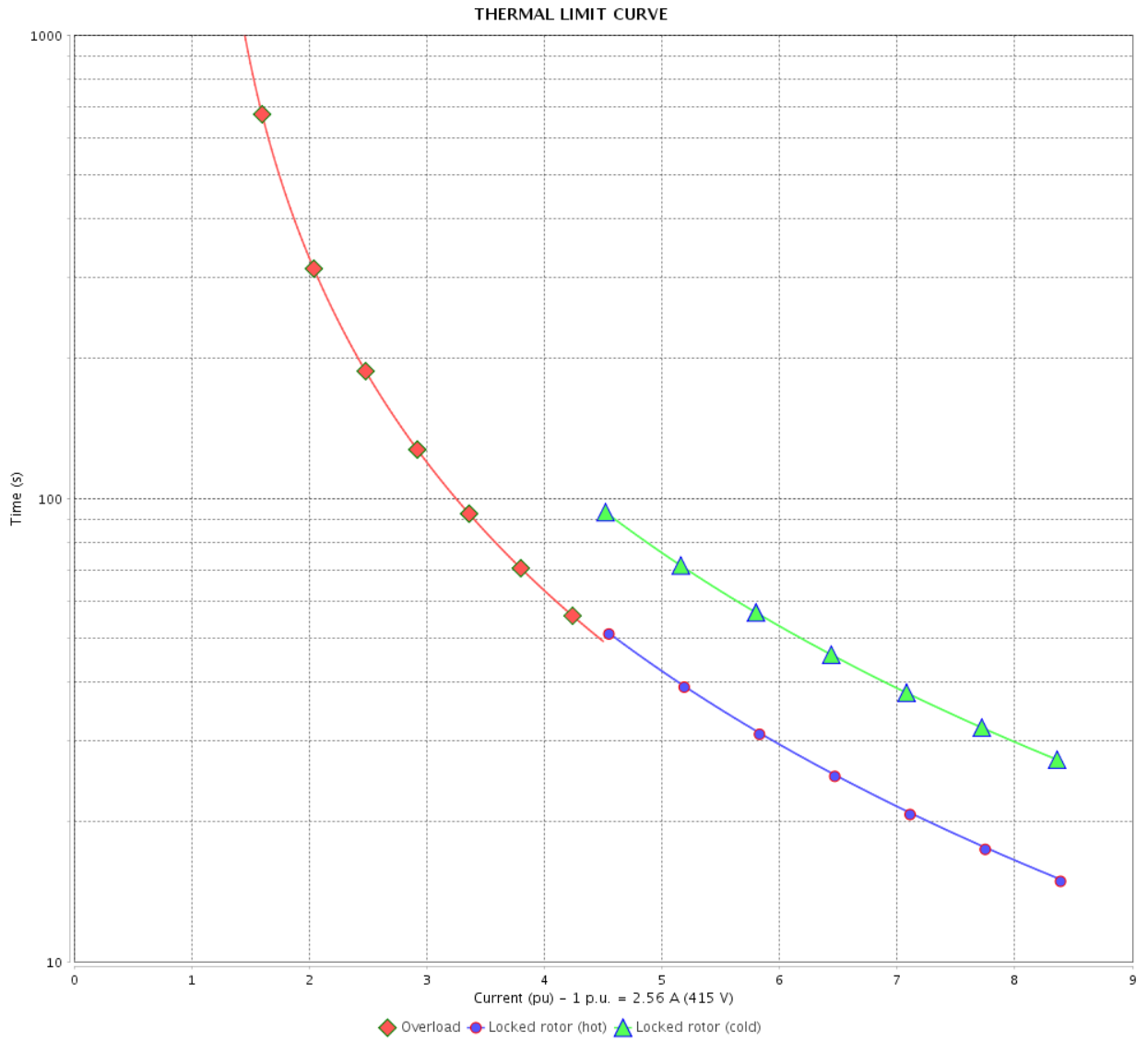
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Customer :

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Product code : 11524270
Catalog # : 00218ET3E145JM-W22

Performance : 380 V 50 Hz 4P IE1

Rated current	: 3.33 A	Moment of inertia (J)	: 0.1561 sq.ft.lb
LRC	: 6.0	Duty cycle	: Cont.(S1)
Rated torque	: 7.32 ft.lb	Insulation class	: F
Locked rotor torque	: 220 %	Service factor	: 1.25
Breakdown torque	: 240 %	Temperature rise	: 80 K
Rated speed	: 1435 rpm	Design	: B

Heating constant

Cooling constant

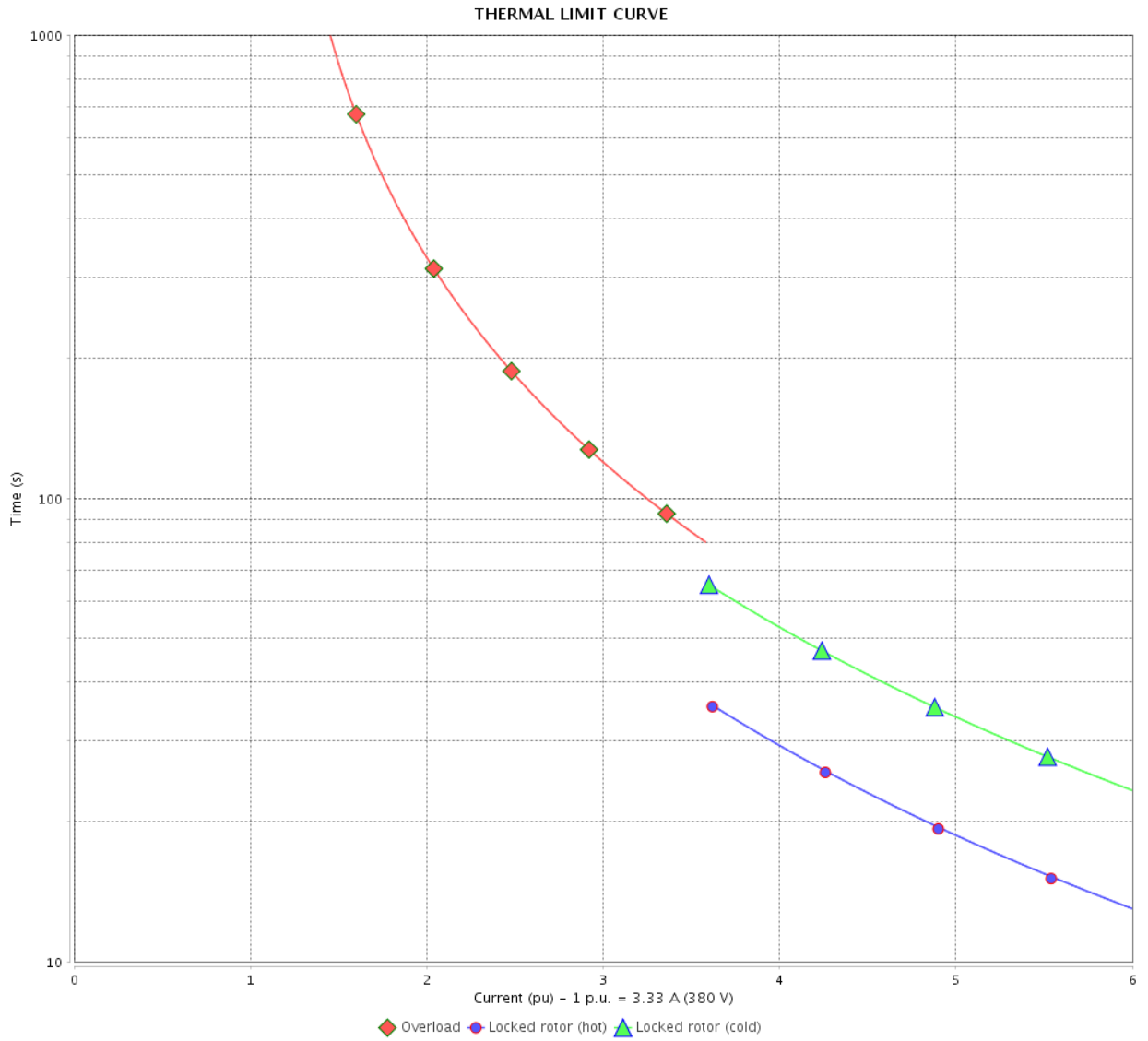
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Catalog # : 00218ET3E145JM-W22

Performance : 400 V 50 Hz 4P IE2

Rated current	: 3.22 A	Moment of inertia (J)	: 0.1561 sq.ft.lb
LRC	: 6.6	Duty cycle	: Cont.(S1)
Rated torque	: 7.29 ft.lb	Insulation class	: F
Locked rotor torque	: 229 %	Service factor	: 1.25
Breakdown torque	: 260 %	Temperature rise	: 80 K
Rated speed	: 1440 rpm	Design	: B

Heating constant

Cooling constant

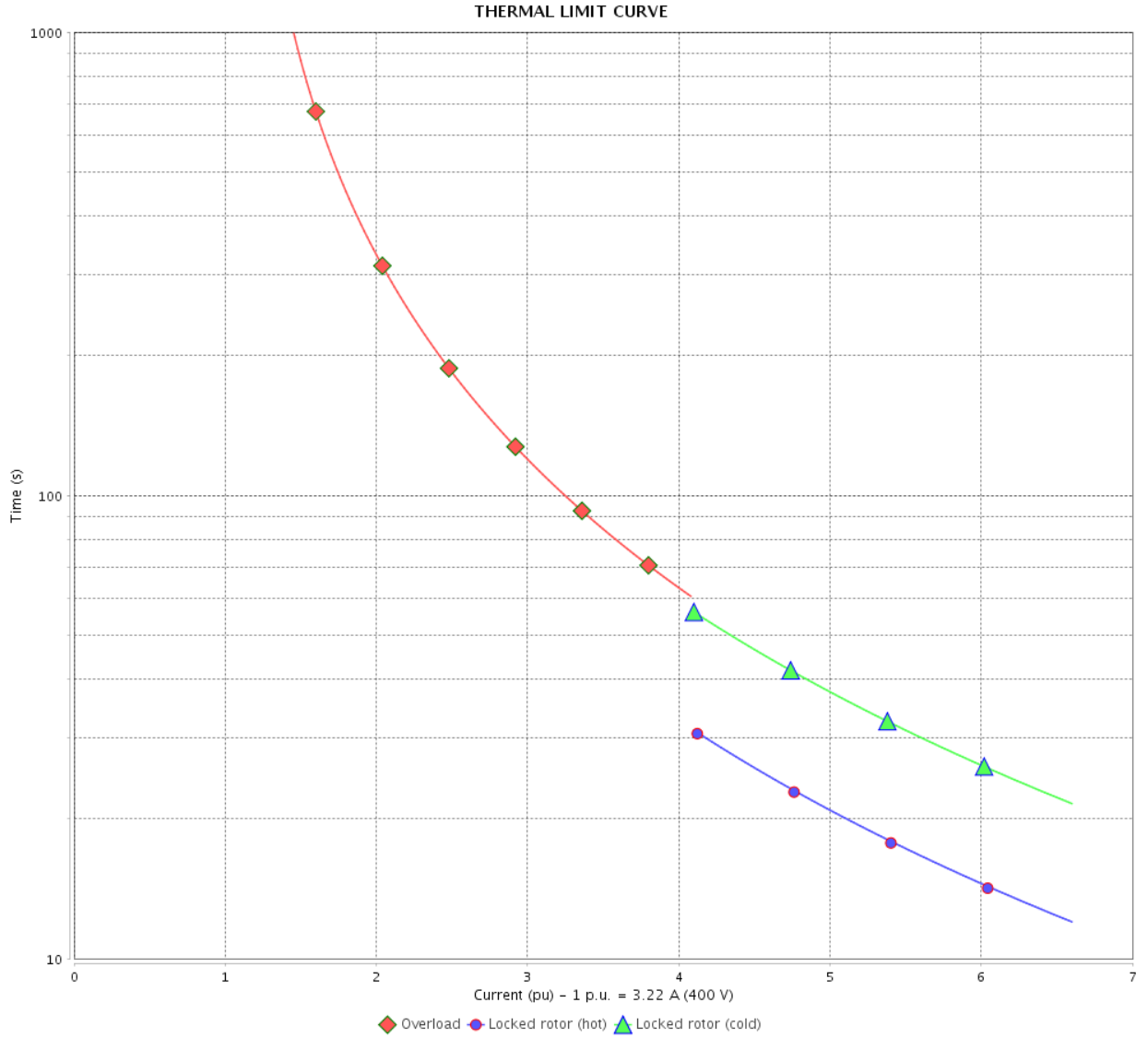
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
Date	13/04/2022		26 / 36	

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____



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Checked by				
Date				

THERMAL LIMIT CURVE



Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase
Product code : 11524270
Catalog # : 00218ET3E145JM-W22

Performance : 415 V 50 Hz 4P IE2

Rated current	: 3.14 A	Moment of inertia (J)	: 0.1561 sq.ft.lb
LRC	: 7.3	Duty cycle	: Cont.(S1)
Rated torque	: 7.24 ft.lb	Insulation class	: F
Locked rotor torque	: 250 %	Service factor	: 1.25
Breakdown torque	: 290 %	Temperature rise	: 80 K
Rated speed	: 1450 rpm	Design	: B

Heating constant

Cooling constant

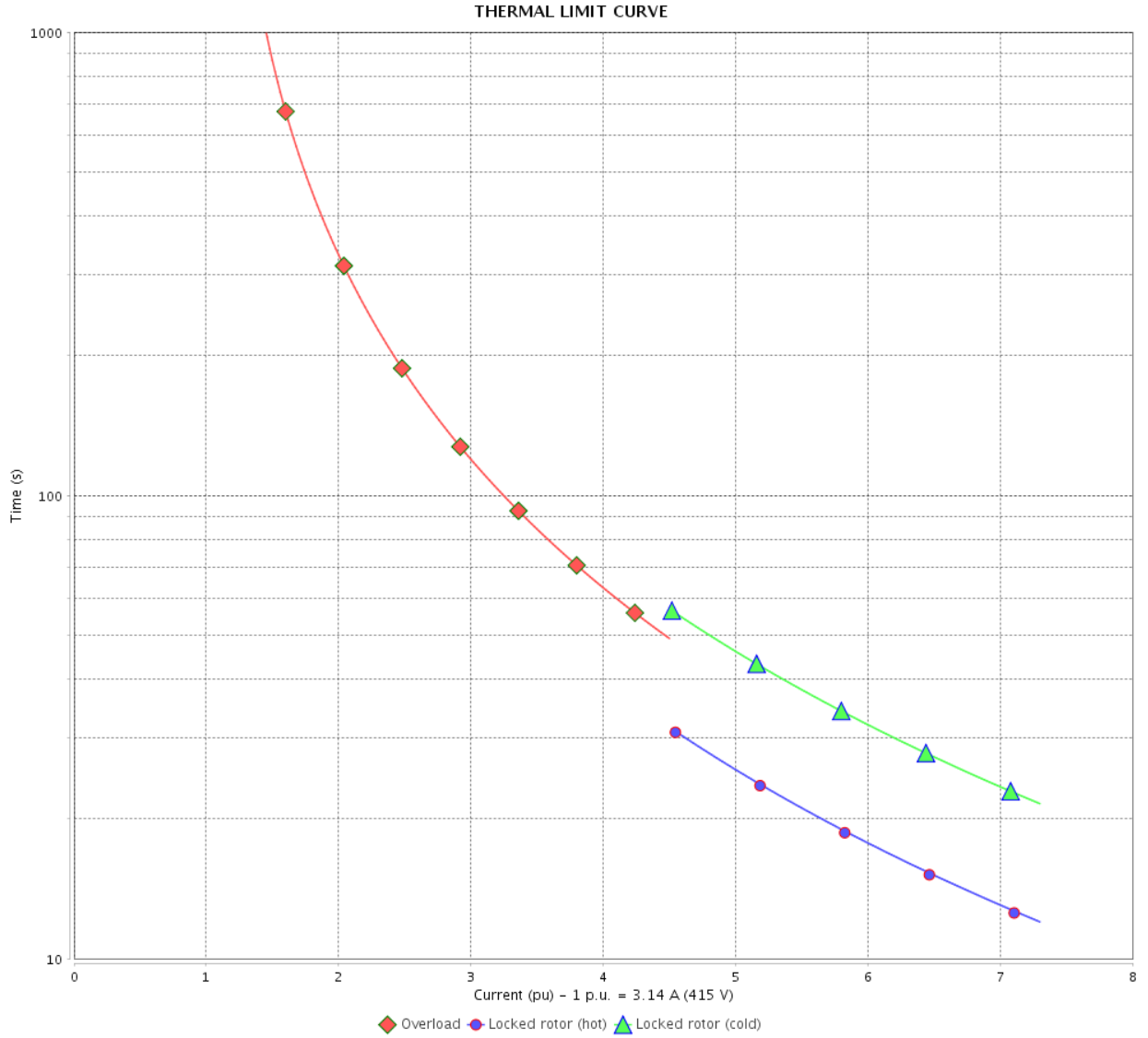
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Checked by			Page	Revision
Date	13/04/2022		28 / 36	

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		13/04/2022		

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

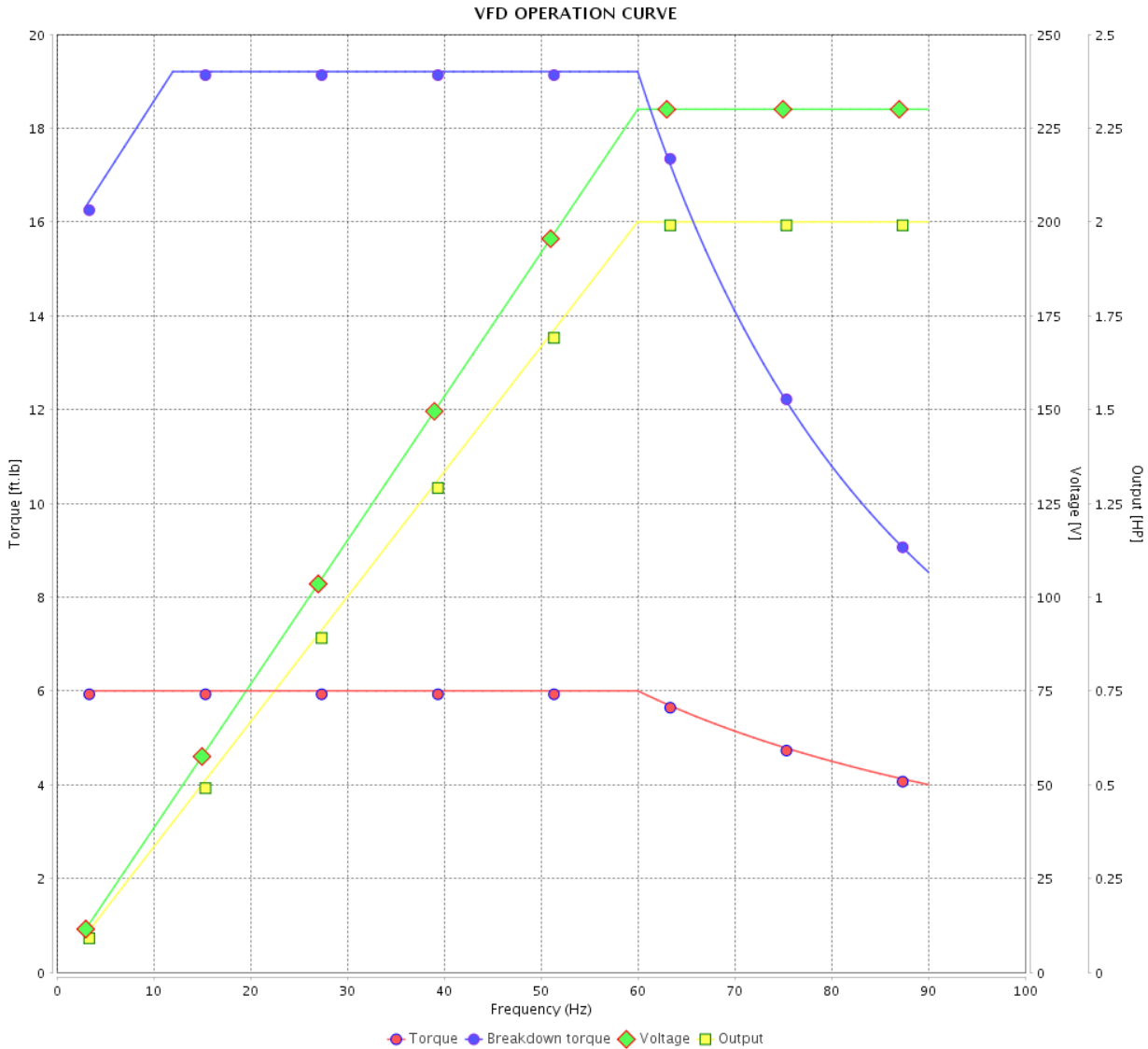


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11524270

Catalog # : 00218ET3E145JM-W22



Performance : 230/460 V 60 Hz 4P

Rated current : 5.52/2.76 A
 LRC : 8.3
 Rated torque : 6.00 ft.lb
 Locked rotor torque : 270 %
 Breakdown torque : 320 %
 Rated speed : 1750 rpm

Moment of inertia (J) : 0.1561 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.25
 Temperature rise : 80 K
 Design : B

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

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

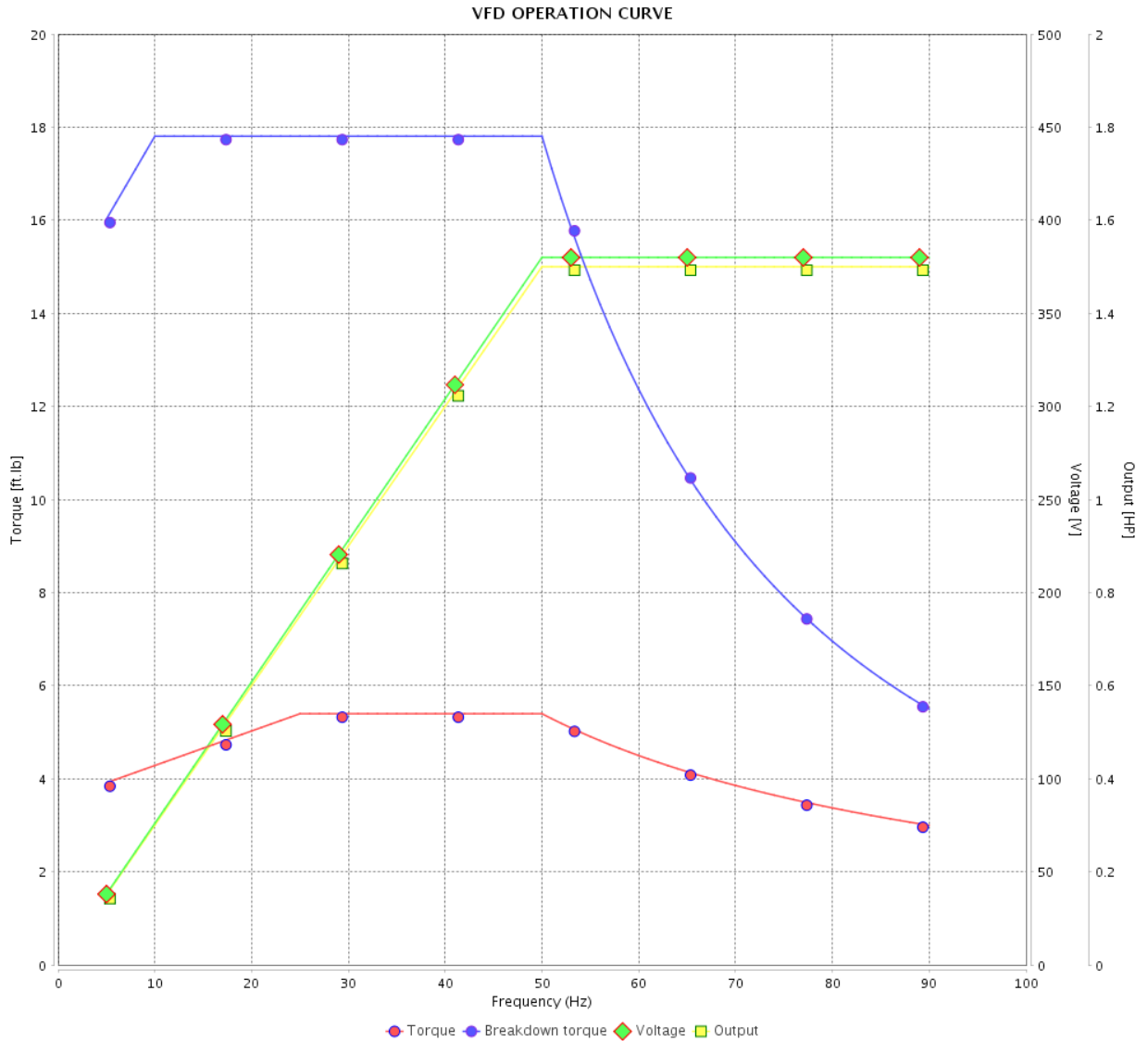


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11524270

Catalog # : 00218ET3E145JM-W22



Performance : 380 V 50 Hz 4P IE3

Rated current : 2.57 A
 LRC : 8.2
 Rated torque : 5.40 ft.lb
 Locked rotor torque : 290 %
 Breakdown torque : 330 %
 Rated speed : 1460 rpm

Moment of inertia (J) : 0.1561 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 31 / 36
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Date	13/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



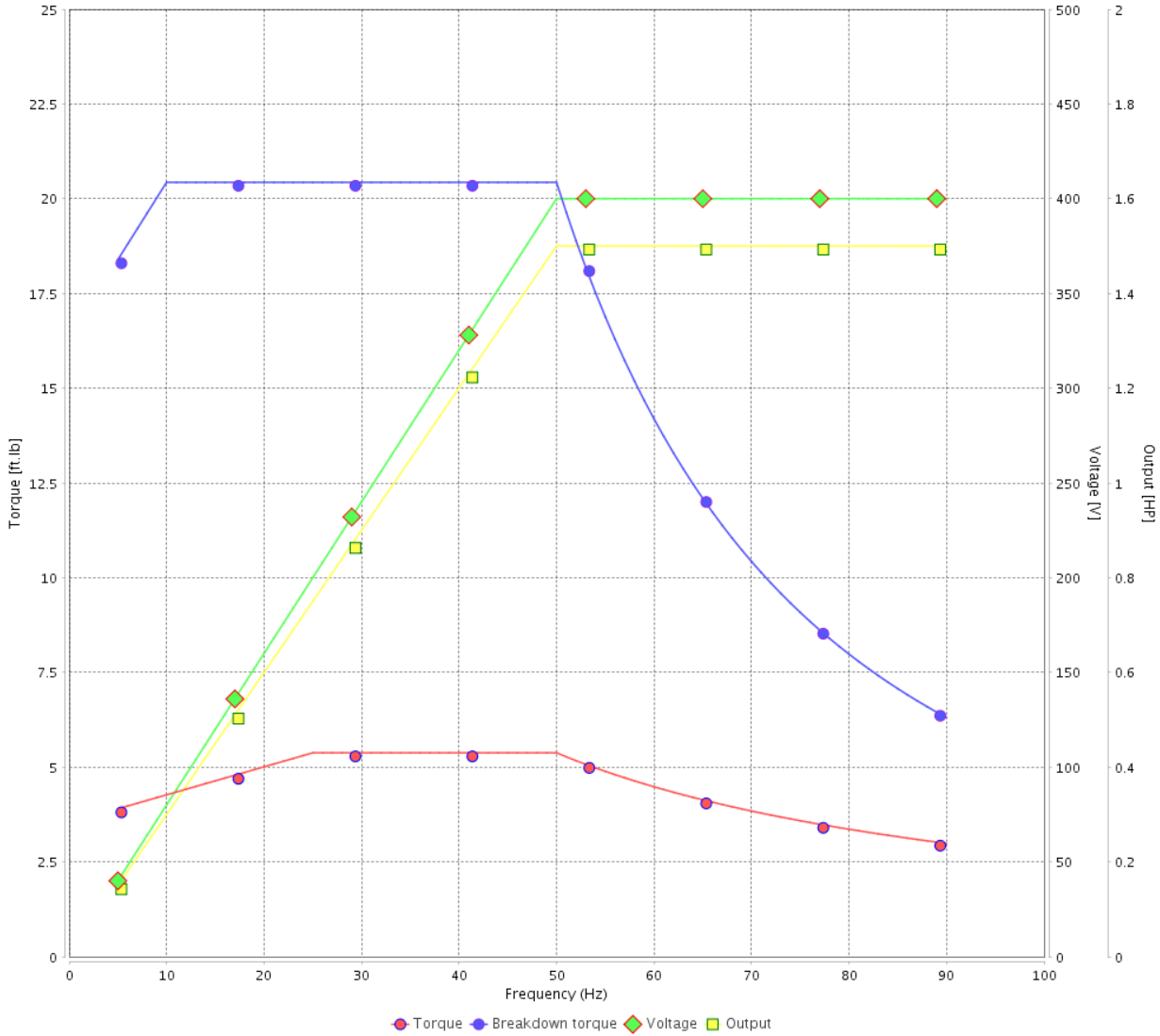
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11524270

Catalog # : 00218ET3E145JM-W22

VFD OPERATION CURVE



Performance : 400 V 50 Hz 4P IE3

Rated current : 2.57 A
 LRC : 8.7
 Rated torque : 5.38 ft.lb
 Locked rotor torque : 320 %
 Breakdown torque : 380 %
 Rated speed : 1465 rpm

Moment of inertia (J) : 0.1561 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.25
 Temperature rise : 80 K
 Design : B

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

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

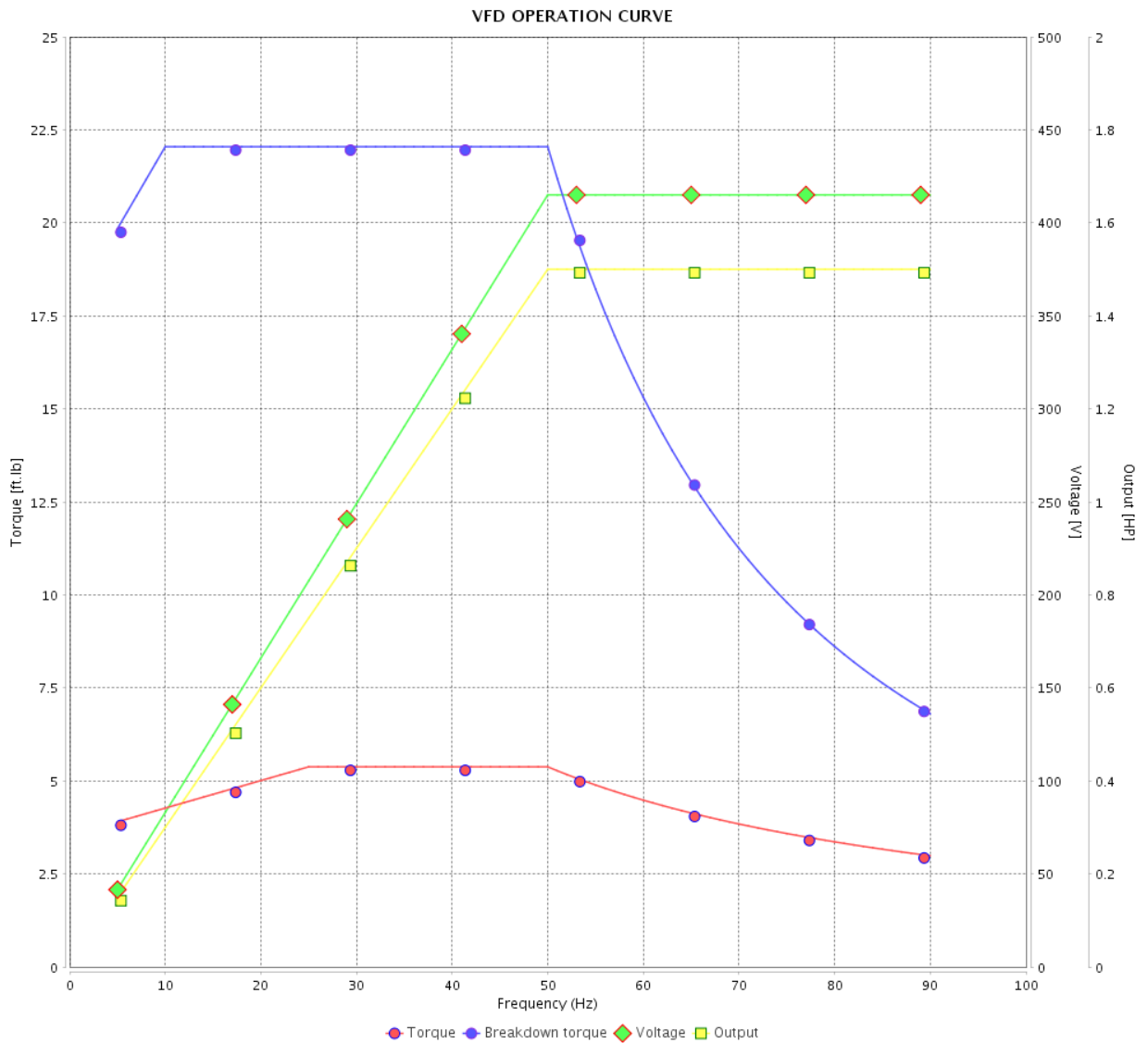


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11524270

Catalog # : 00218ET3E145JM-W22



Performance : 415 V 50 Hz 4P IE3

Rated current : 2.56 A
 LRC : 8.4
 Rated torque : 5.38 ft.lb
 Locked rotor torque : 350 %
 Breakdown torque : 409 %
 Rated speed : 1465 rpm

Moment of inertia (J) : 0.1561 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 33 / 36	Revision
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Date	13/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



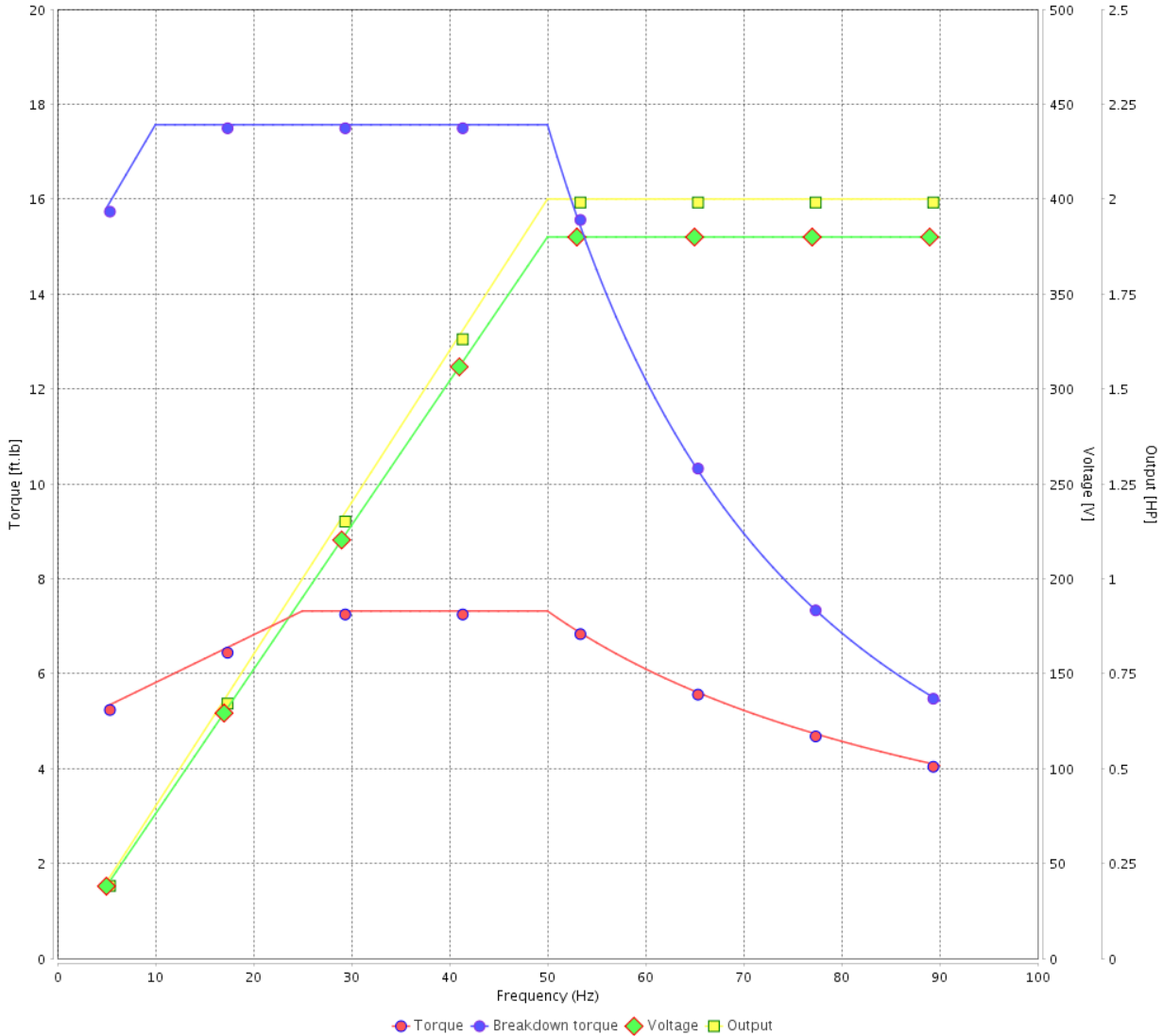
Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11524270

Catalog # : 00218ET3E145JM-W22

VFD OPERATION CURVE



Performance : 380 V 50 Hz 4P IE1

Rated current : 3.33 A
 LRC : 6.0
 Rated torque : 7.32 ft.lb
 Locked rotor torque : 220 %
 Breakdown torque : 240 %
 Rated speed : 1435 rpm

Moment of inertia (J) : 0.1561 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 34 / 36	Revision
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Date	13/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

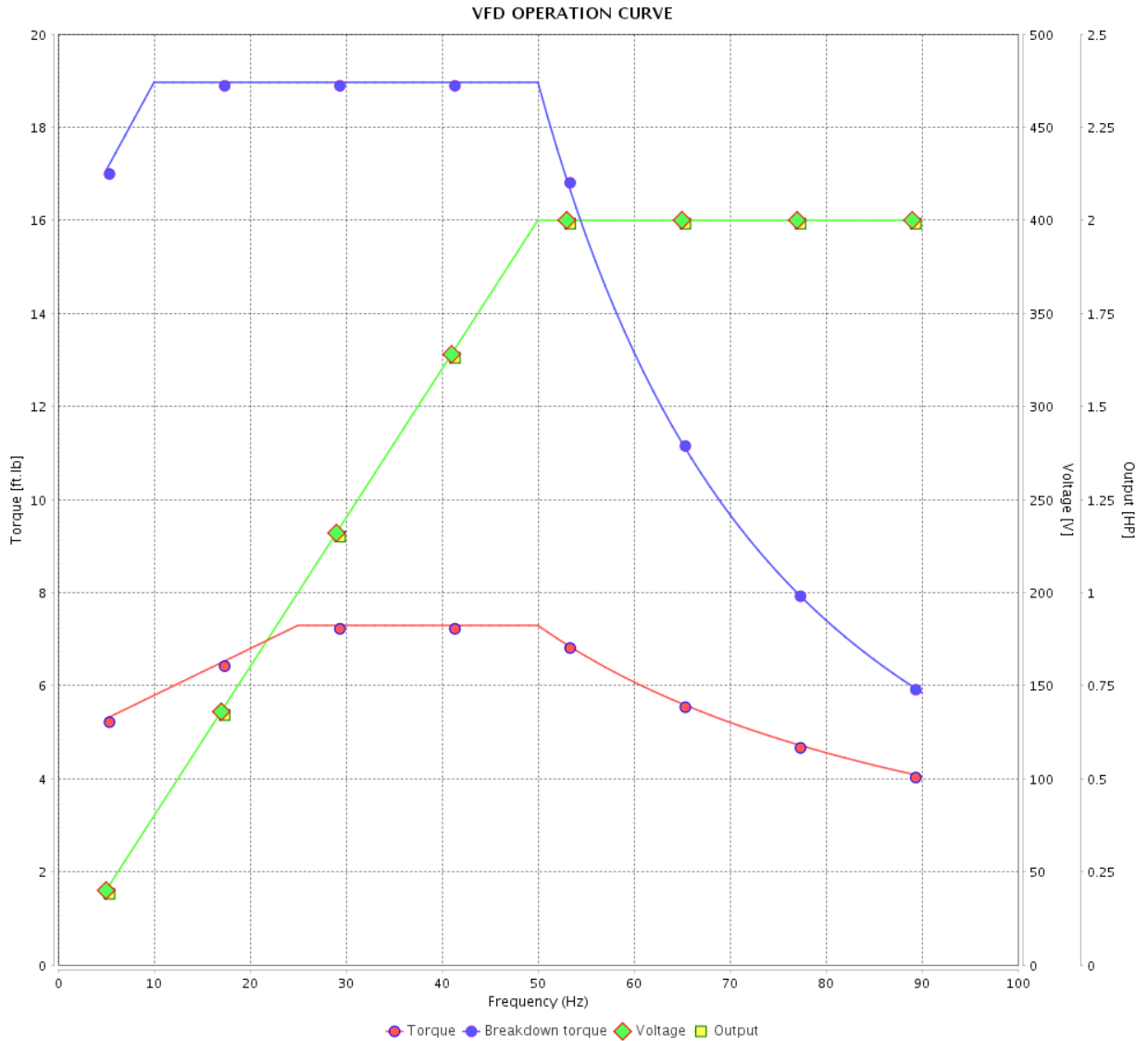


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11524270

Catalog # : 00218ET3E145JM-W22



Performance : 400 V 50 Hz 4P IE2

Rated current : 3.22 A
 LRC : 6.6
 Rated torque : 7.29 ft.lb
 Locked rotor torque : 229 %
 Breakdown torque : 260 %
 Rated speed : 1440 rpm

Moment of inertia (J) : 0.1561 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
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Date		13/04/2022		

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

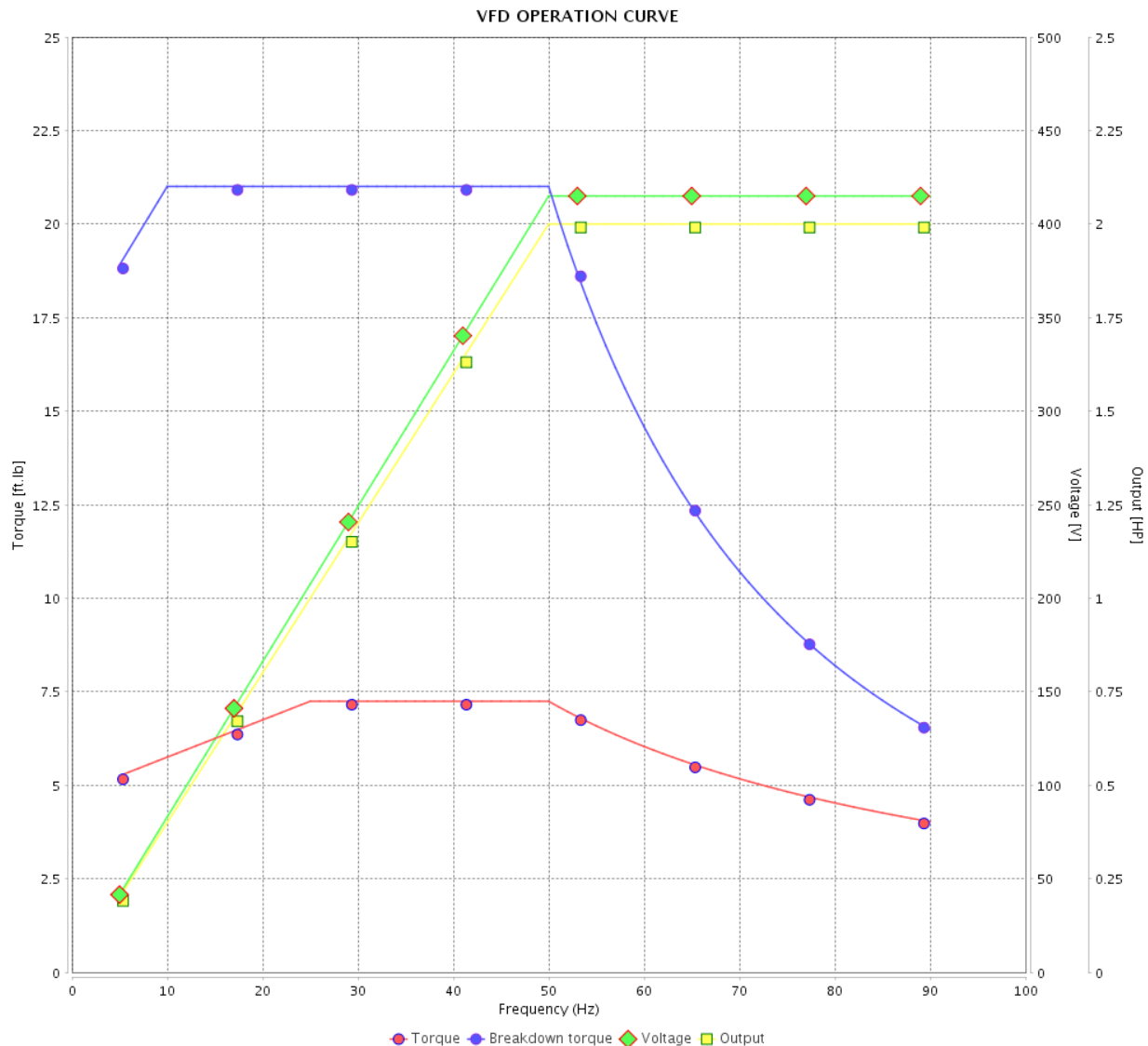


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11524270

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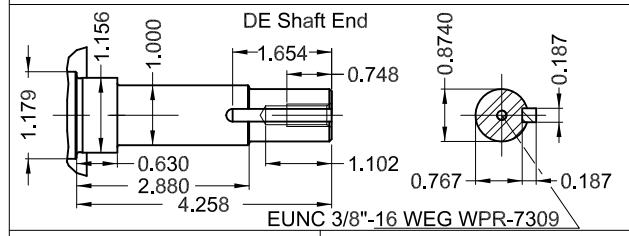
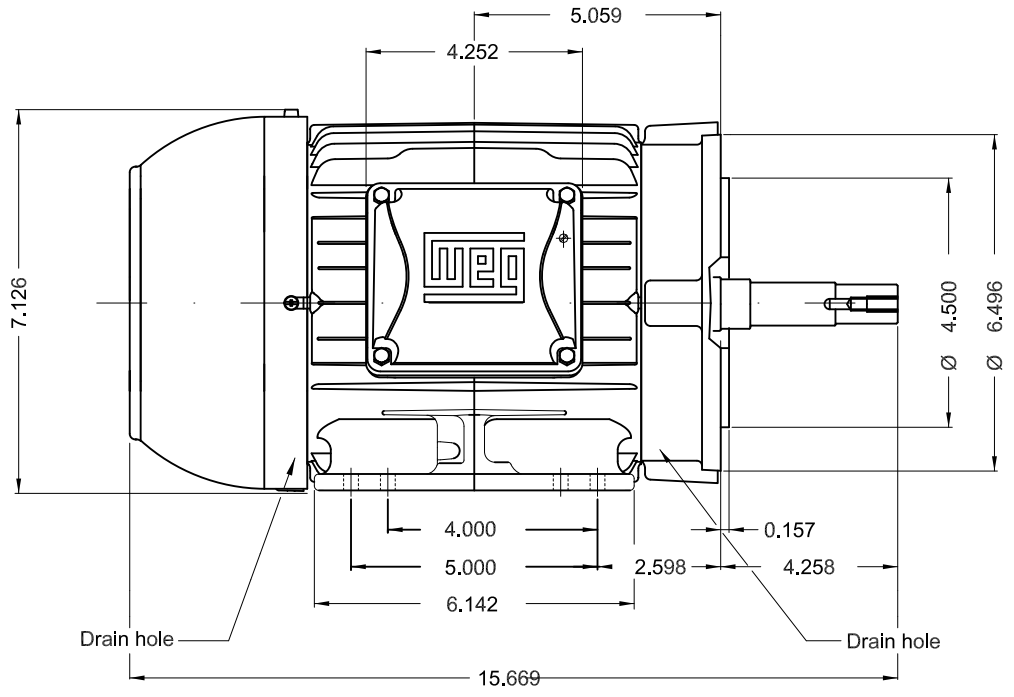
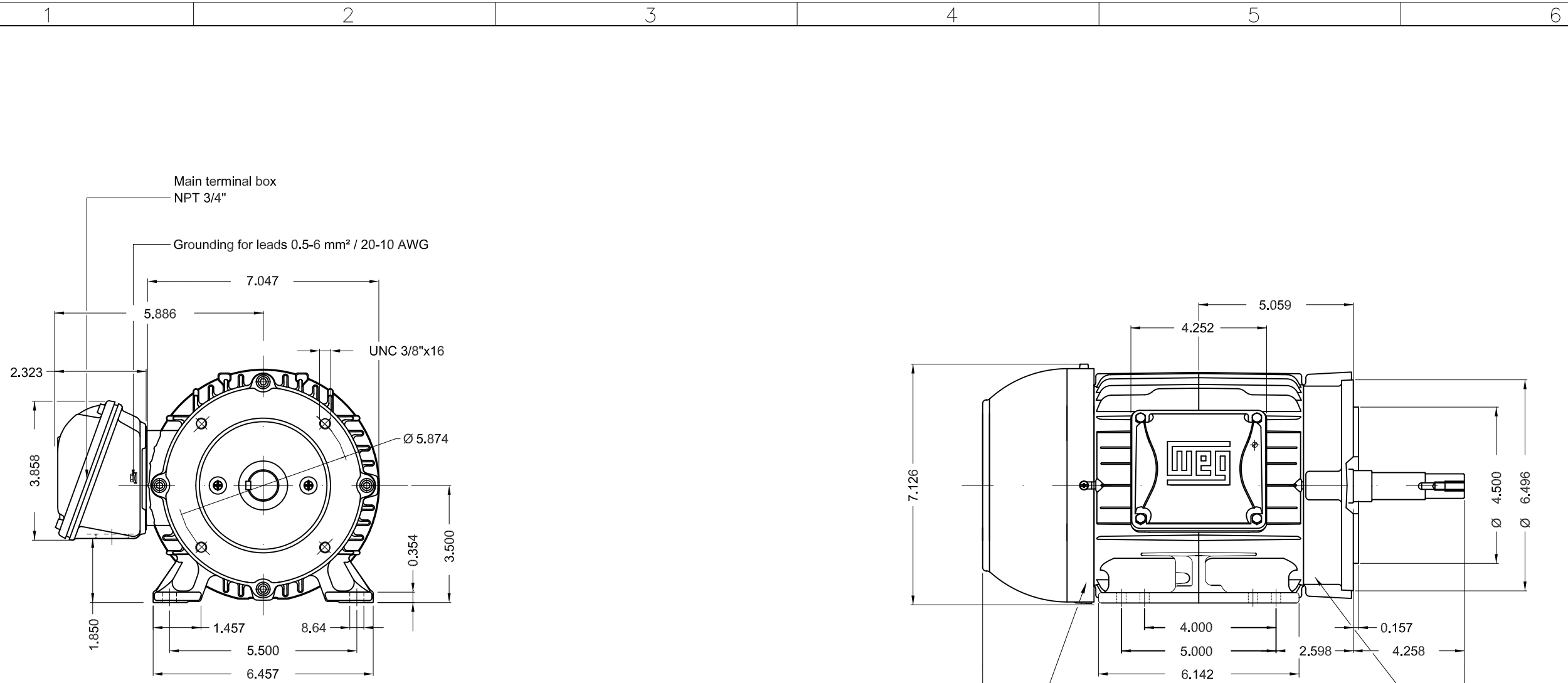


Performance : 415 V 50 Hz 4P IE2

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 LRC : 7.3
 Rated torque : 7.24 ft.lb
 Locked rotor torque : 250 %
 Breakdown torque : 290 %
 Rated speed : 1450 rpm

Moment of inertia (J) : 0.1561 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 36 / 36	Revision
Checked by				
Date	13/04/2022			



2 HP 04 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 143/5JM IP55 TEFC					
CHECKED							
RELEASED							
REL DT.	WMO		Jaragua do Sul	Product Engineering	SHEET	1 / 1	

Color RAL 5009
 Painting plan 207A
 Mounting B34R(D)

PREVIEW

WDD

Dimensions in inches XME A3

**W22**
CC029A® Inverter Duty Motor
Severe Duty

11524270

MADE IN MEXICO MODEL 00218ET3E145JM-W22

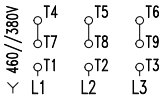
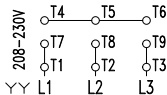
PH 3 | FR 143/5JM | HP(kw) 2.0(1.5) | Hz 60 | SF 1.25 | PF 0.79

V 230/460 | A 5.52/2.76 | RPM 1750 | INS. CL. F ΔT 80 K | IP55

NEMA NOM EFF 86.5 % | DES B | DUTY CONT. | AMB 40°C

ENCL TEFC | SFA 6.90/3.45 | USABLE @208V 5.85 A | SF 1.15 SFA 6.73

2.0HP 1.5kW 50Hz 380V 3.33A 1435RPM SF1.25 EFF 82.5% (IE1) | CODE L



→6206-ZZ

→6204-ZZ

MOBIL POLYREX EM

ALT 1000 m.a.s.l. | 55 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 - T5

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

VT1000:1, CT20:1, 1.0SF, T4A

C US
Energy Verified3PT9
US LISTEDFOR SAFE AREA
MOD.TE1BFOXON