

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer :								
Product line	: NEMA Premium Efficiency Three-Phase	Product code :	12769891					
		Catalog # :	02012ET3E286T-W22G					
Frame	: 284/6T	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	: 437 lb					
Protection degree	: IP55	Moment of inertia (J)	: 9.16 sq.ft.lb					
Design	: B							
Output [HP]	20	15	15	15	20	20	20	
Poles	6	6	6	6	6	6	6	
Frequency [Hz]	60	50	50	50	50	50	50	
Rated voltage [V]	230/460	380	400	415	380	400	415	
Rated current [A]	48.4/24.2	21.8	21.2	21.3	29.6	28.1	27.2	
L. R. Amperes [A]	300/150	135	146	155	139	149	155	
LRC [A]	6.2x(Code G)	6.2x(Code H)	6.9x(Code J)	7.3x(Code J)	4.7x(Code E)	5.3x(Code F)	5.7x(Code G)	
No load current [A]	19.0/9.50	9.40	10.0	10.6	9.40	10.0	10.6	
Rated speed [RPM]	1175	975	975	980	965	970	975	
Slip [%]	2.08	2.50	2.50	2.00	3.50	3.00	2.50	
Rated torque [ft.lb]	89.4	80.4	80.2	80.1	109	108	108	
Locked rotor torque [%]	229	229	270	280	170	200	210	
Breakdown torque [%]	260	270	290	320	200	220	240	
Service factor	1.25	1.00	1.15	1.15	1.00	1.15	1.15	
Temperature rise	80 K	80 K	80 K	80 K	105 K	105 K	80 K	
Locked rotor time	28s (cold) 16s (hot)	21s (cold) 12s (hot)	21s (cold) 12s (hot)	21s (cold) 12s (hot)	21s (cold) 12s (hot)	21s (cold) 12s (hot)	21s (cold) 12s (hot)	
Noise level ²	59.0 dB(A)	56.0 dB(A)	56.0 dB(A)	56.0 dB(A)	56.0 dB(A)	56.0 dB(A)	56.0 dB(A)	
Efficiency (%)	25%	90.8	89.8	89.0	88.9	91.5	90.6	90.7
	50%	91.0	90.0	89.3	89.3	90.2	90.2	90.2
	75%	91.7	90.3	90.3	90.6	90.2	90.2	91.0
	100%	91.7	90.3	90.3	90.8	88.5	89.5	90.2
Power Factor	25%	0.44	0.41	0.38	0.36	0.51	0.47	0.44
	50%	0.70	0.66	0.63	0.60	0.76	0.73	0.70
	75%	0.80	0.79	0.76	0.73	0.84	0.82	0.80
	100%	0.85	0.85	0.83	0.81	0.87	0.86	0.85
Bearing type	: Drive end : 6311 C3	Non drive end : 6211 C3	Foundation loads					
Sealing	: V'Ring	V'Ring	Max. traction	: 909 lb				
Lubrication interval	: 20000 h	20000 h	Max. compression	: 1346 lb				
Lubricant amount	: 18 g	11 g						
Lubricant type	: Mobil Polyrex EM							
Notes								
USABLE @208V 53.5A SF 1.15 SFA 61.5A								
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



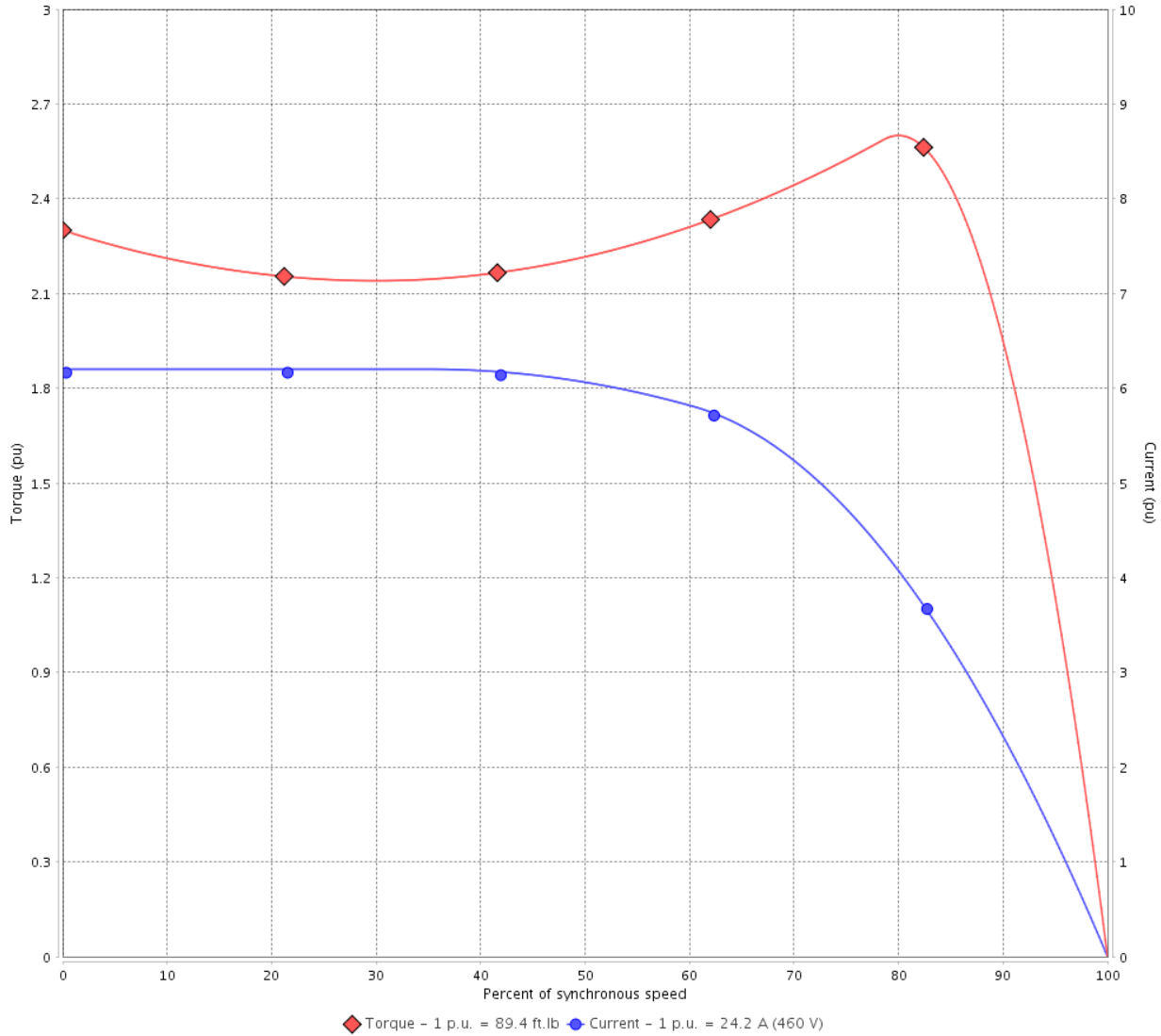
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769891

Catalog # : 02012ET3E286T-W22G

TORQUE AND CURRENT VS SPEED CURVE



Performance : 230/460 V 60 Hz 6P

Rated current	: 48.4/24.2 A	Moment of inertia (J)	: 9.16 sq.ft.lb
LRC	: 6.2	Duty cycle	: Cont.(S1)
Rated torque	: 89.4 ft.lb	Insulation class	: F
Locked rotor torque	: 229 %	Service factor	: 1.25
Breakdown torque	: 260 %	Temperature rise	: 80 K
Rated speed	: 1175 rpm	Design	: B

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

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TORQUE AND CURRENT VS SPEED CURVE



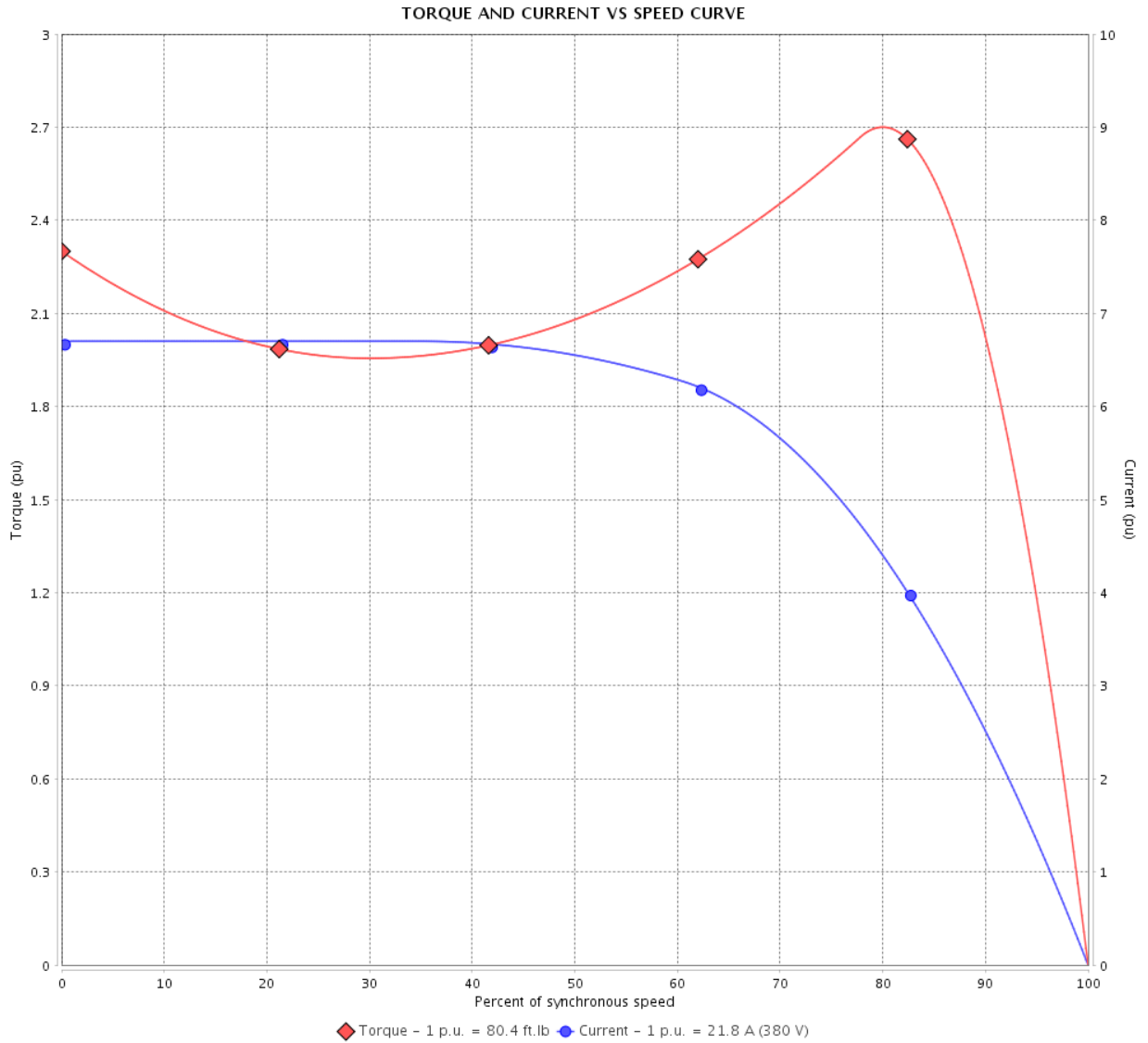
Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769891

Catalog # : 02012ET3E286T-W22G



Performance : 380 V 50 Hz 6P IE3

Rated current	: 21.8 A	Moment of inertia (J)	: 9.16 sq.ft.lb
LRC	: 6.2	Duty cycle	: Cont.(S1)
Rated torque	: 80.4 ft.lb	Insulation class	: F
Locked rotor torque	: 229 %	Service factor	: 1.00
Breakdown torque	: 270 %	Temperature rise	: 80 K
Rated speed	: 975 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



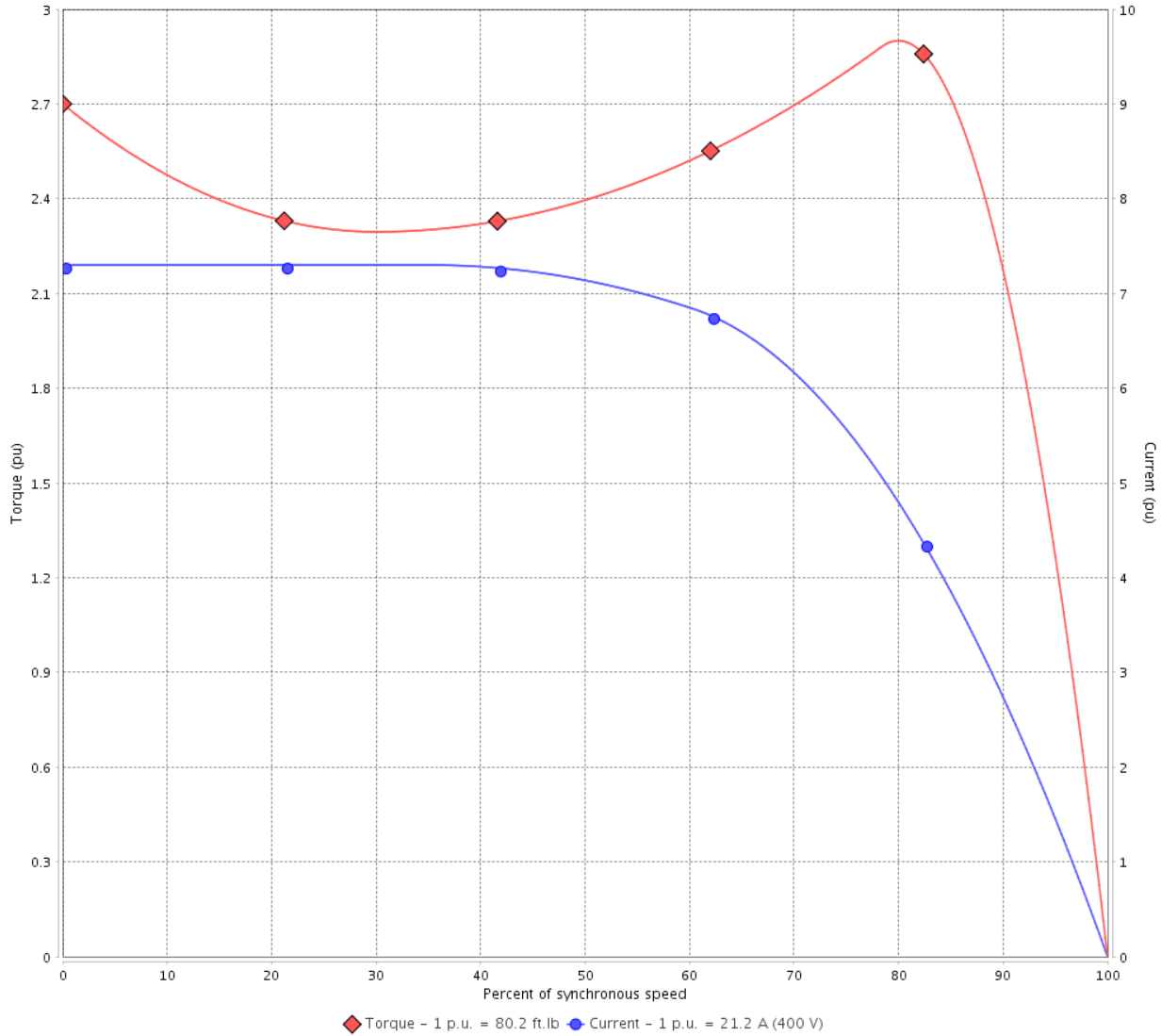
Customer :

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Product code : 12769891

Catalog # : 02012ET3E286T-W22G

TORQUE AND CURRENT VS SPEED CURVE



Performance : 400 V 50 Hz 6P IE3

Rated current	: 21.2 A	Moment of inertia (J)	: 9.16 sq.ft.lb
LRC	: 6.9	Duty cycle	: Cont.(S1)
Rated torque	: 80.2 ft.lb	Insulation class	: F
Locked rotor torque	: 270 %	Service factor	: 1.15
Breakdown torque	: 290 %	Temperature rise	: 80 K
Rated speed	: 975 rpm	Design	: B

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

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TORQUE AND CURRENT VS SPEED CURVE



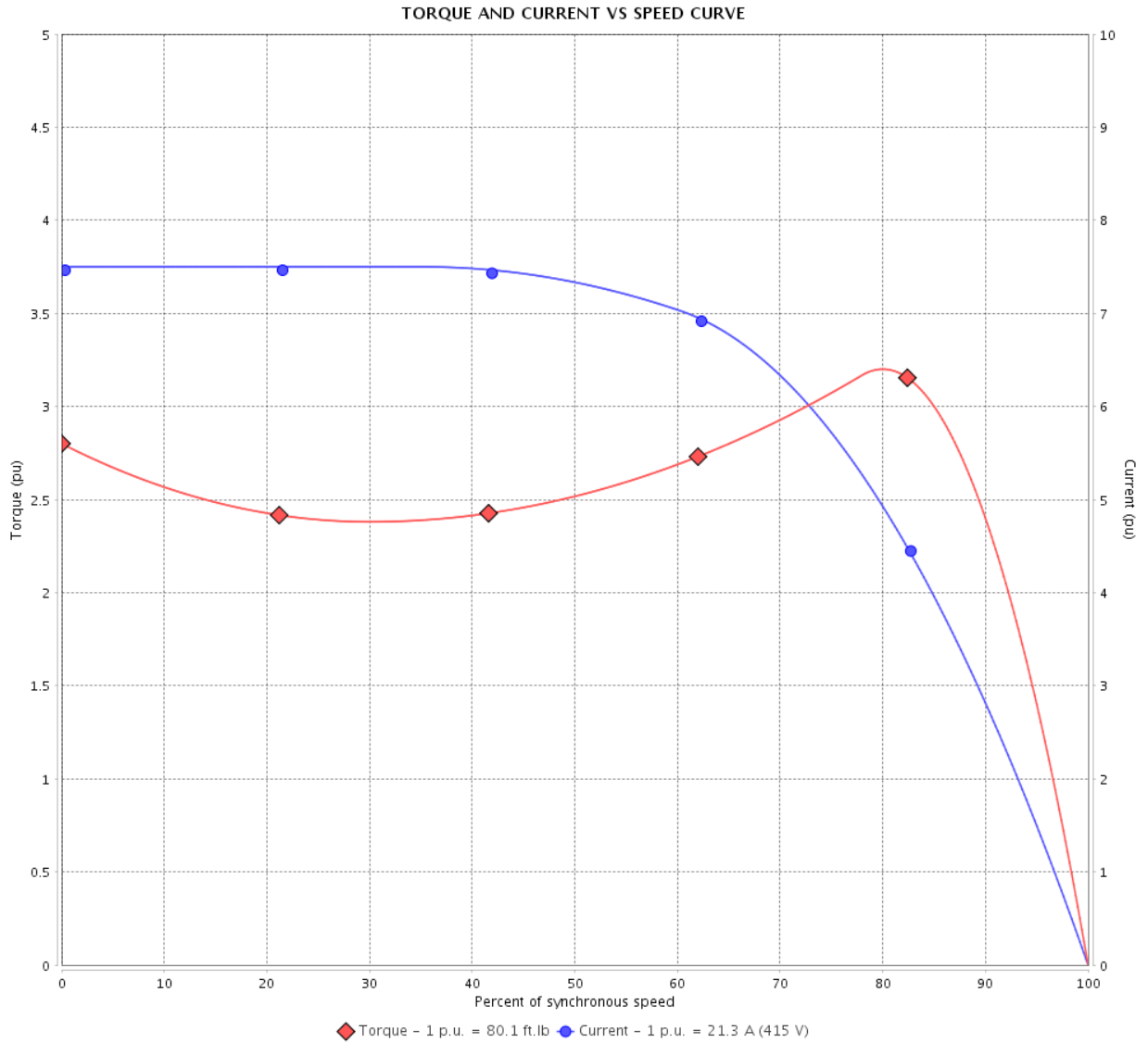
Three Phase Induction Motor - Squirrel Cage

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Product code : 12769891

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Performance : 415 V 50 Hz 6P IE3

Rated current	: 21.3 A	Moment of inertia (J)	: 9.16 sq.ft.lb
LRC	: 7.3	Duty cycle	: Cont.(S1)
Rated torque	: 80.1 ft.lb	Insulation class	: F
Locked rotor torque	: 280 %	Service factor	: 1.15
Breakdown torque	: 320 %	Temperature rise	: 80 K
Rated speed	: 980 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



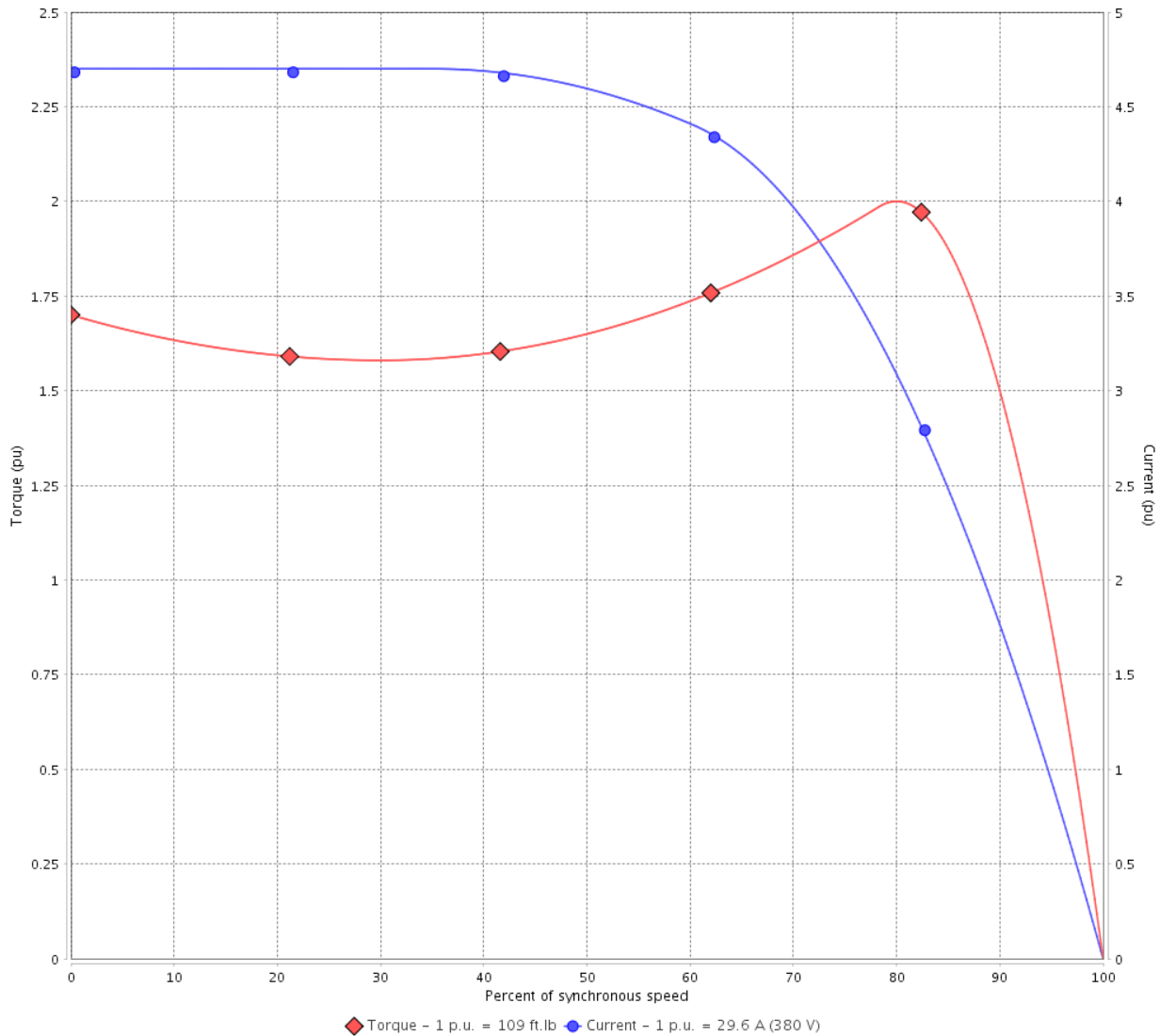
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TORQUE AND CURRENT VS SPEED CURVE



Performance : 380 V 50 Hz 6P IE1

Rated current	: 29.6 A	Moment of inertia (J)	: 9.16 sq.ft.lb
LRC	: 4.7	Duty cycle	: Cont.(S1)
Rated torque	: 109 ft.lb	Insulation class	: F
Locked rotor torque	: 170 %	Service factor	: 1.00
Breakdown torque	: 200 %	Temperature rise	: 105 K
Rated speed	: 965 rpm	Design	: B

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

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TORQUE AND CURRENT VS SPEED CURVE



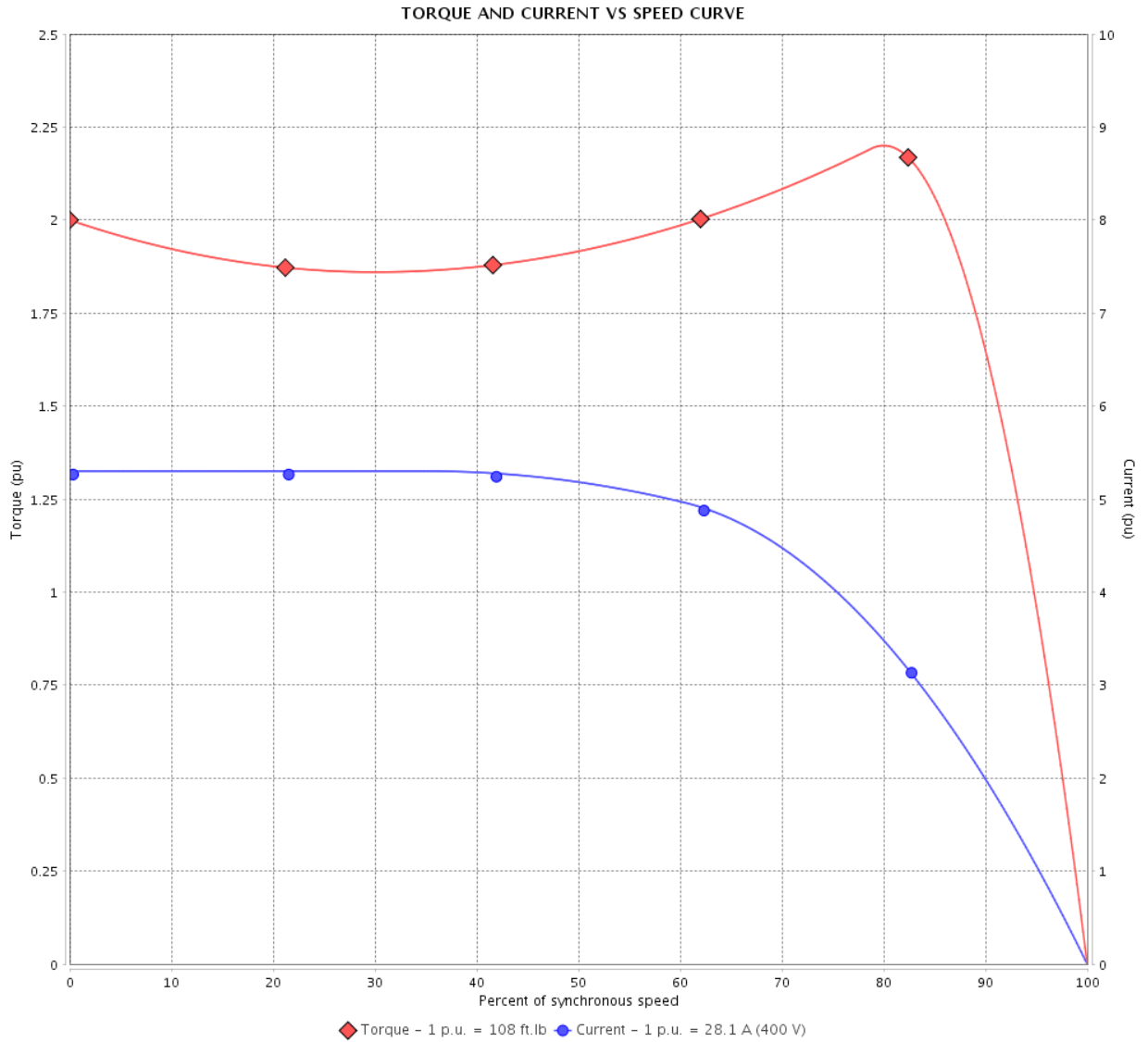
Three Phase Induction Motor - Squirrel Cage

Customer :

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Product code : 12769891

Catalog # : 02012ET3E286T-W22G



Performance : 400 V 50 Hz 6P IE1

Rated current	: 28.1 A	Moment of inertia (J)	: 9.16 sq.ft.lb
LRC	: 5.3	Duty cycle	: Cont.(S1)
Rated torque	: 108 ft.lb	Insulation class	: F
Locked rotor torque	: 200 %	Service factor	: 1.15
Breakdown torque	: 220 %	Temperature rise	: 105 K
Rated speed	: 970 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



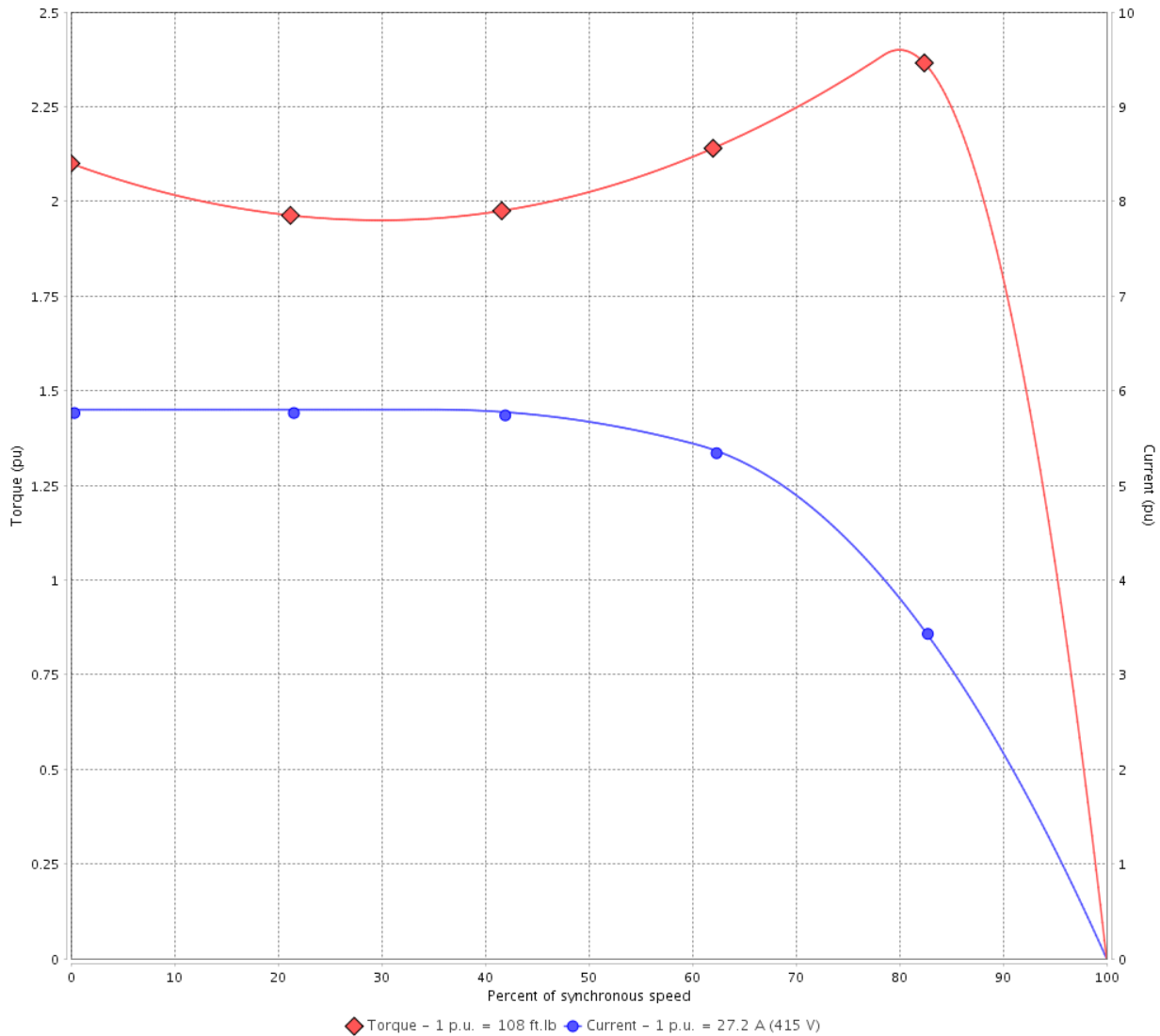
Customer :

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Product code : 12769891

Catalog # : 02012ET3E286T-W22G

TORQUE AND CURRENT VS SPEED CURVE



Performance : 415 V 50 Hz 6P IE2

Rated current	: 27.2 A	Moment of inertia (J)	: 9.16 sq.ft.lb
LRC	: 5.7	Duty cycle	: Cont.(S1)
Rated torque	: 108 ft.lb	Insulation class	: F
Locked rotor torque	: 210 %	Service factor	: 1.15
Breakdown torque	: 240 %	Temperature rise	: 80 K
Rated speed	: 975 rpm	Design	: B

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

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Three Phase Induction Motor - Squirrel Cage

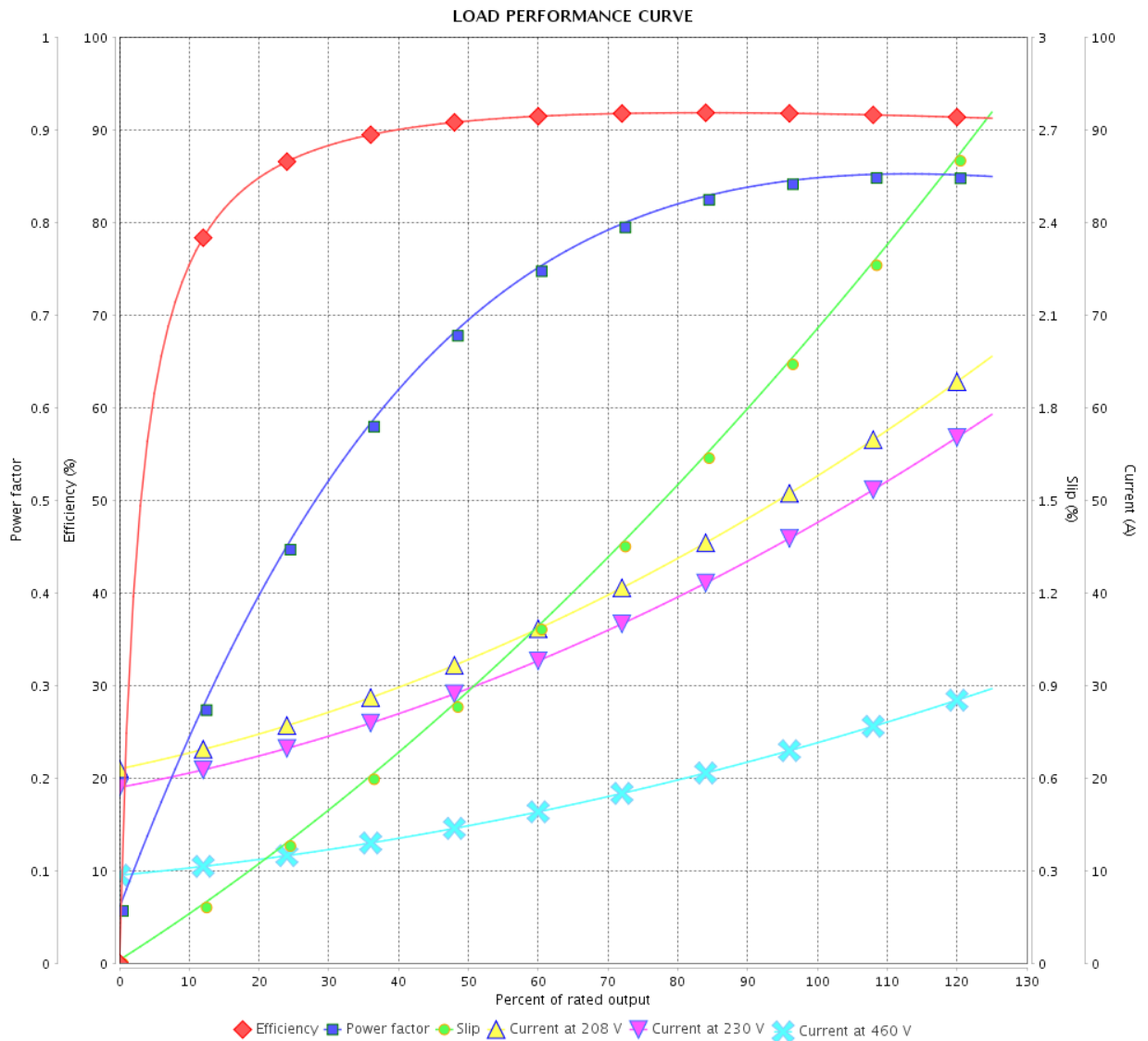


Customer :

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Product code : 12769891

Catalog # : 02012ET3E286T-W22G



Performance : 230/460 V 60 Hz 6P

Rated current : 48.4/24.2 A
 LRC : 6.2
 Rated torque : 89.4 ft.lb
 Locked rotor torque : 229 %
 Breakdown torque : 260 %
 Rated speed : 1175 rpm

Moment of inertia (J) : 9.16 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



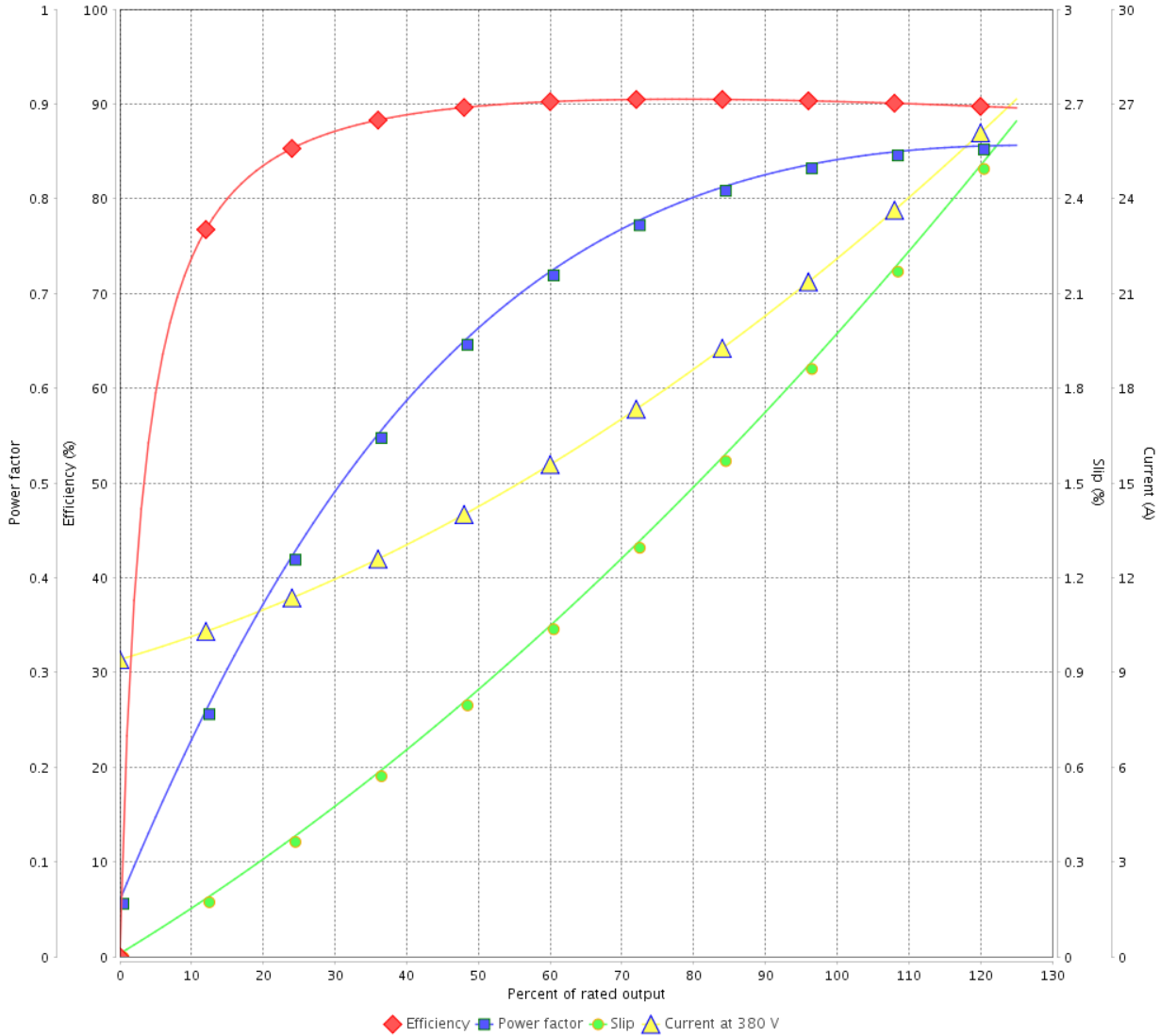
Customer :

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Product code : 12769891

Catalog # : 02012ET3E286T-W22G

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Performance : 380 V 50 Hz 6P IE3

Rated current : 21.8 A
 LRC : 6.2
 Rated torque : 80.4 ft.lb
 Locked rotor torque : 229 %
 Breakdown torque : 270 %
 Rated speed : 975 rpm

Moment of inertia (J) : 9.16 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : B

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Three Phase Induction Motor - Squirrel Cage

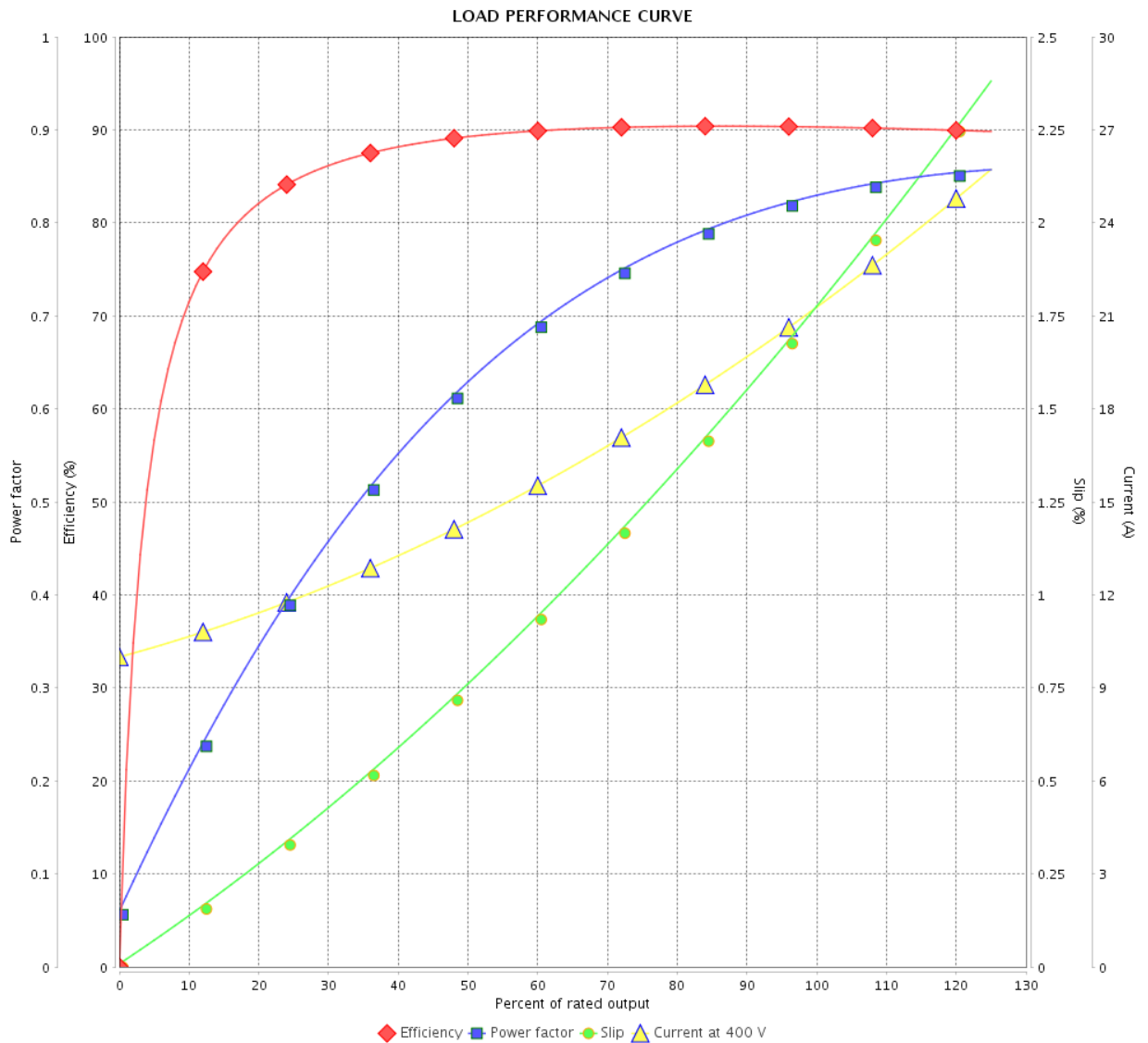


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Product code : 12769891

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Performance : 400 V 50 Hz 6P IE3

Rated current : 21.2 A
 LRC : 6.9
 Rated torque : 80.2 ft.lb
 Locked rotor torque : 270 %
 Breakdown torque : 290 %
 Rated speed : 975 rpm

Moment of inertia (J) : 9.16 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



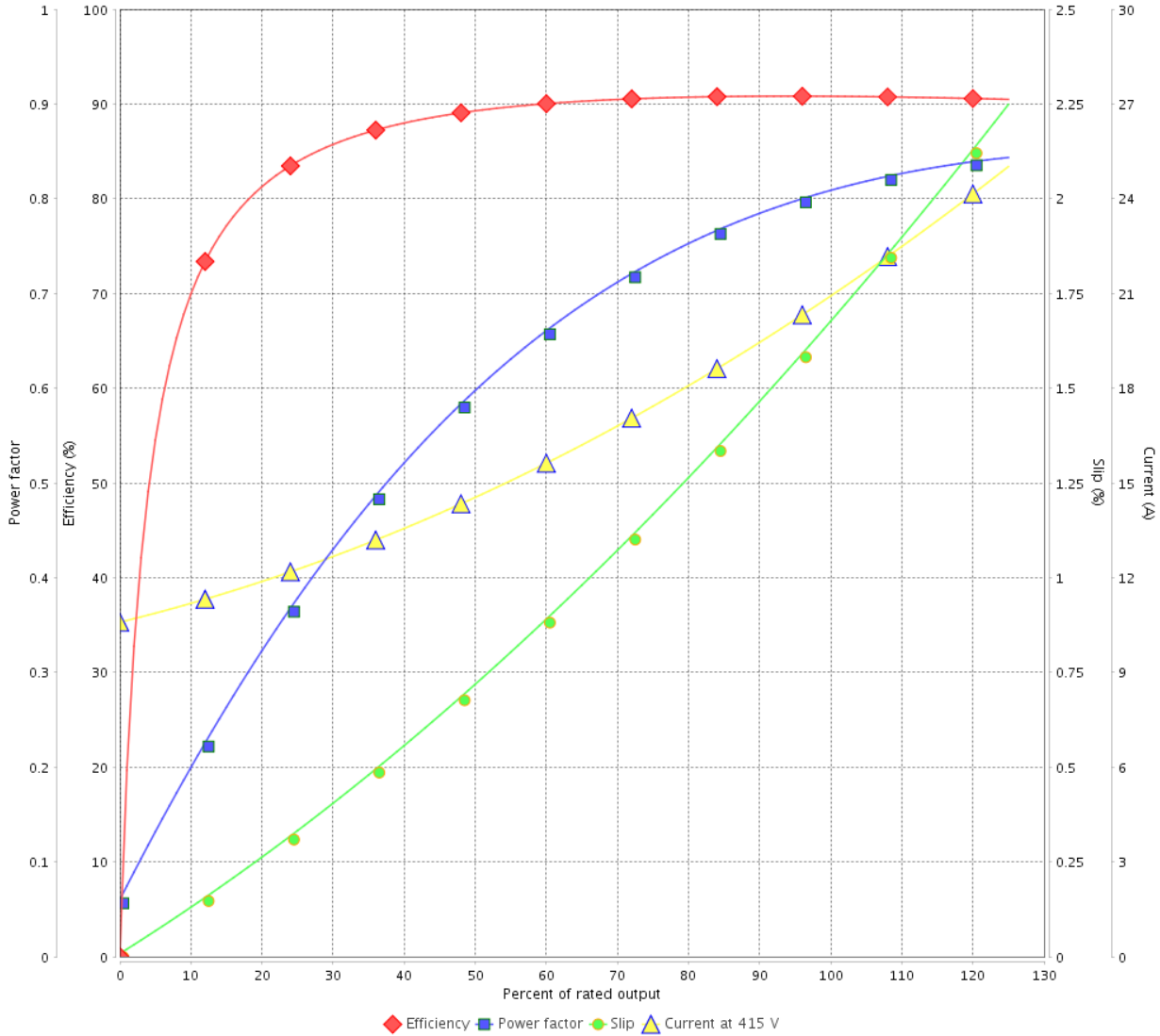
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769891

Catalog # : 02012ET3E286T-W22G

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Performance : 415 V 50 Hz 6P IE3

Rated current : 21.3 A
 LRC : 7.3
 Rated torque : 80.1 ft.lb
 Locked rotor torque : 280 %
 Breakdown torque : 320 %
 Rated speed : 980 rpm

Moment of inertia (J) : 9.16 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

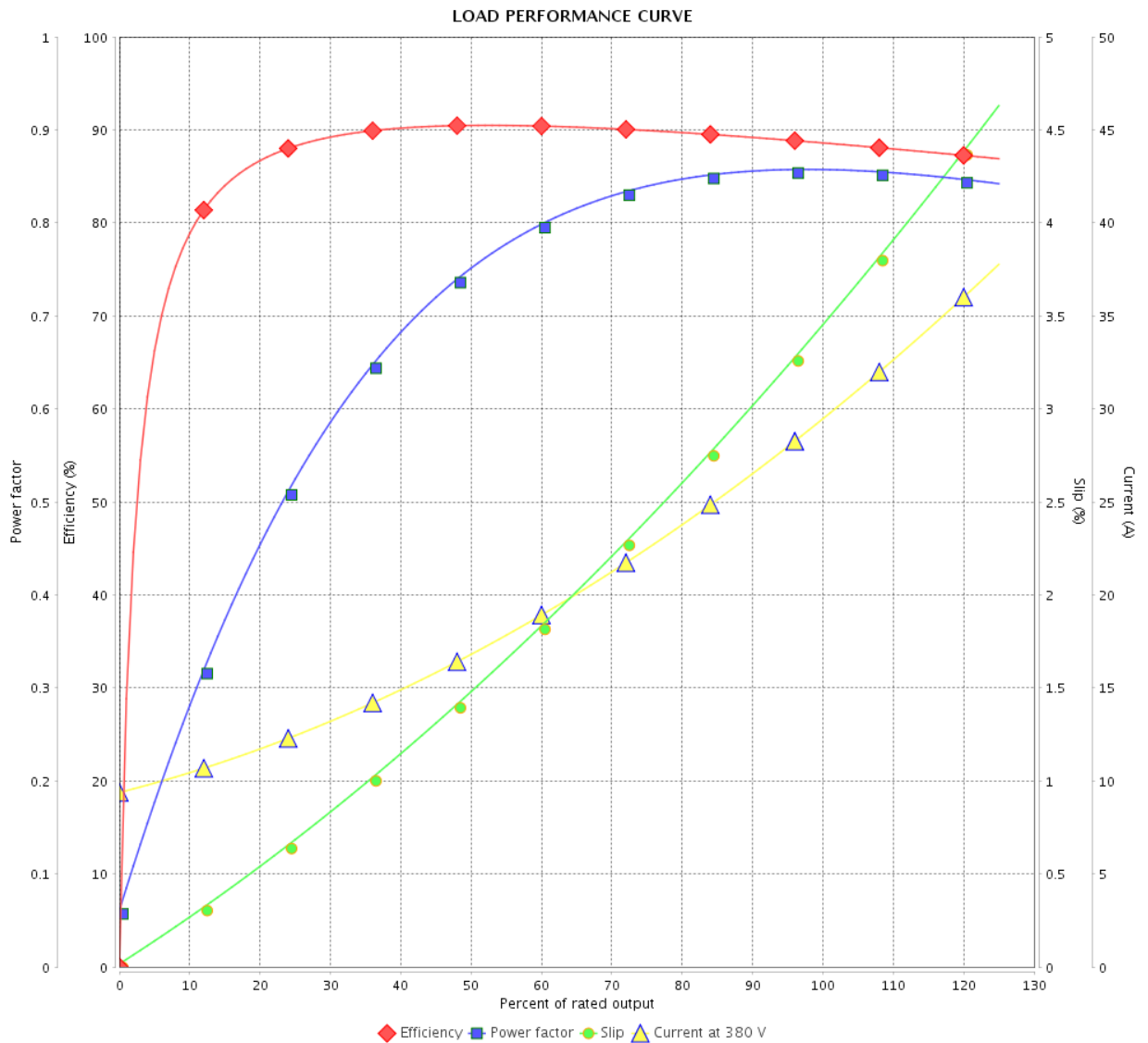


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769891

Catalog # : 02012ET3E286T-W22G



Performance : 380 V 50 Hz 6P IE1

Rated current : 29.6 A
 LRC : 4.7
 Rated torque : 109 ft.lb
 Locked rotor torque : 170 %
 Breakdown torque : 200 %
 Rated speed : 965 rpm

Moment of inertia (J) : 9.16 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 105 K
 Design : B

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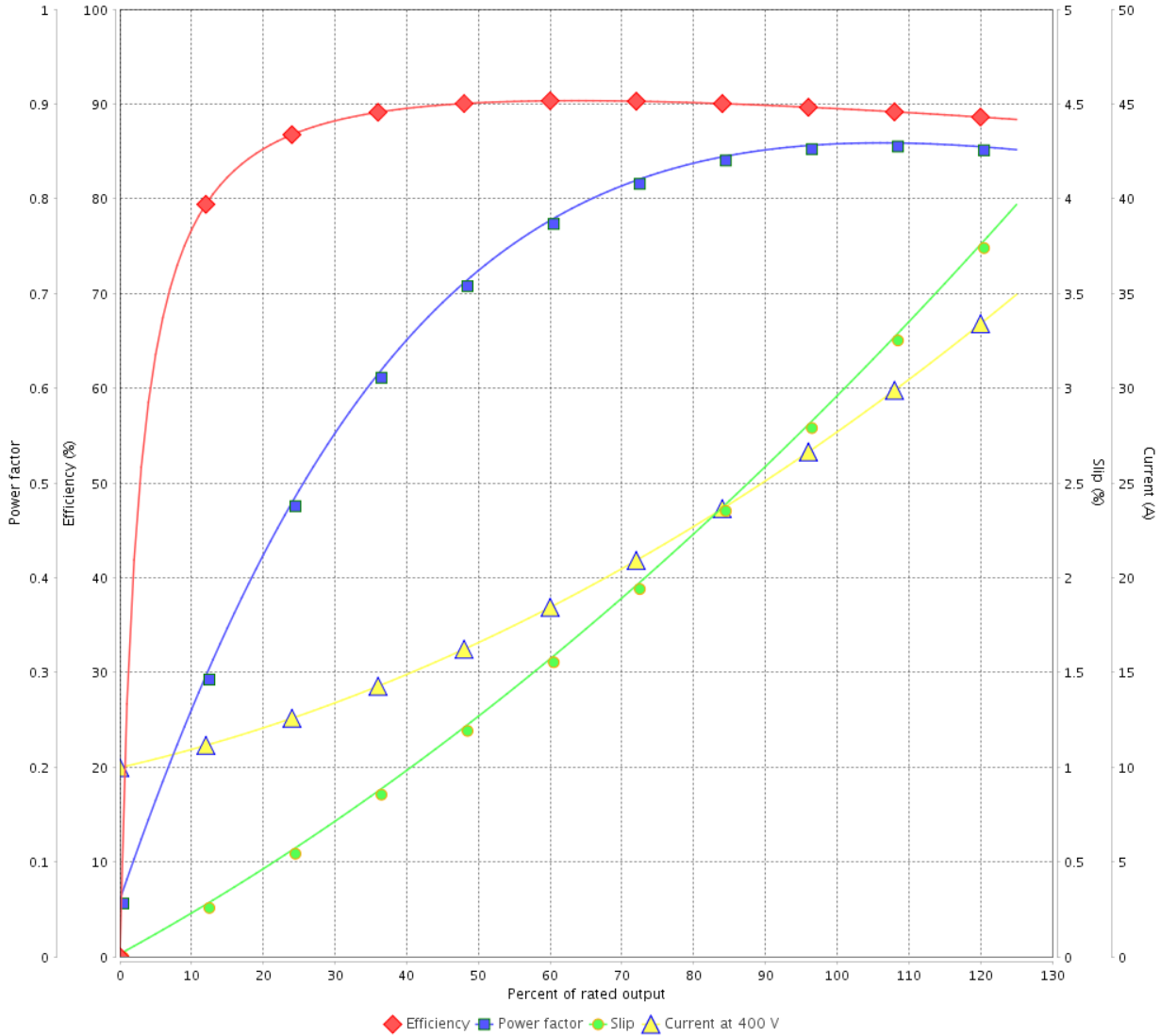
Customer :

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Performance : 400 V 50 Hz 6P IE1

Rated current : 28.1 A
 LRC : 5.3
 Rated torque : 108 ft.lb
 Locked rotor torque : 200 %
 Breakdown torque : 220 %
 Rated speed : 970 rpm

Moment of inertia (J) : 9.16 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 Temperature rise : 105 K
 Design : B

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Three Phase Induction Motor - Squirrel Cage

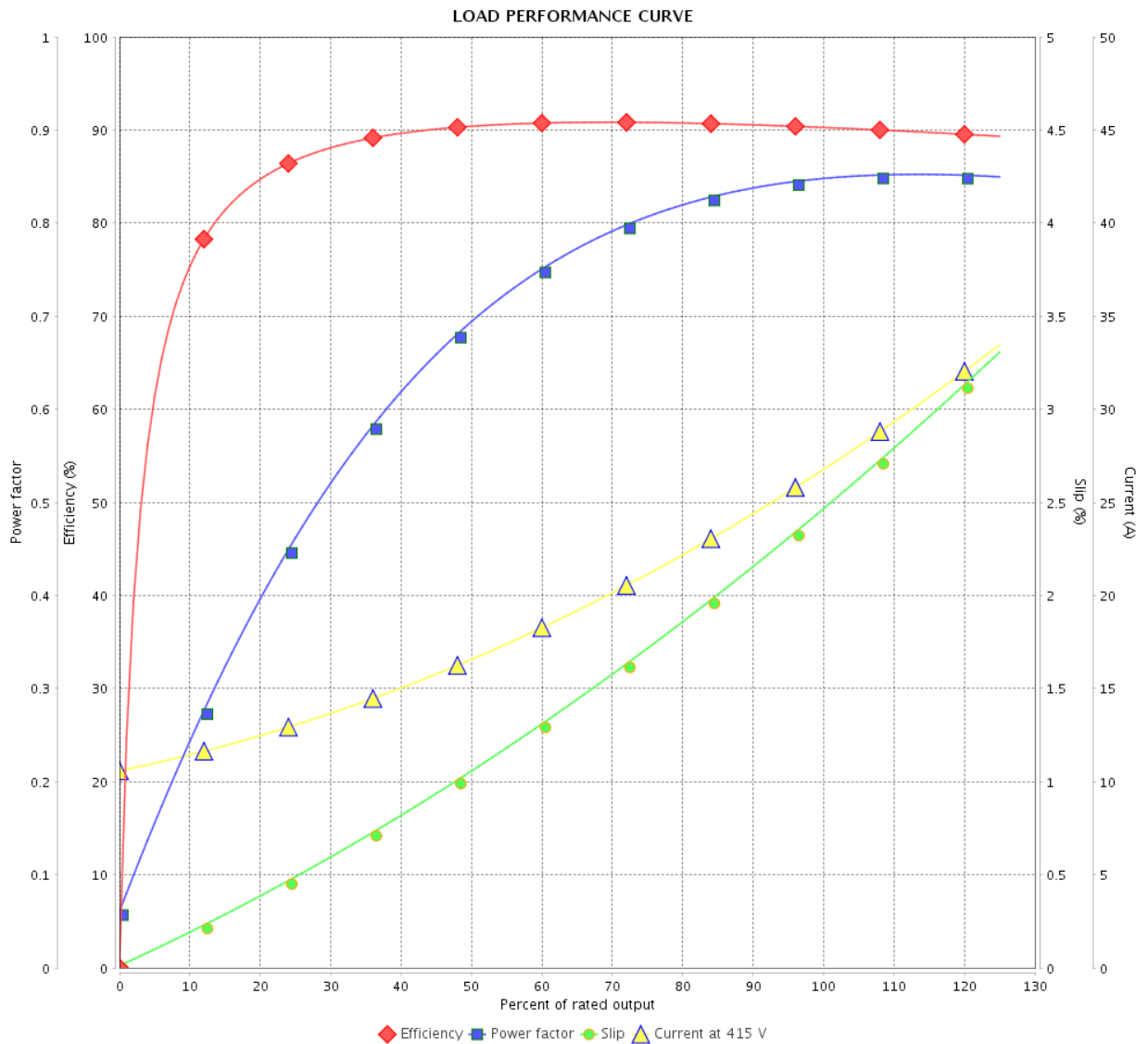


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769891

Catalog # : 02012ET3E286T-W22G



Performance : 415 V 50 Hz 6P IE2

Rated current : 27.2 A
 LRC : 5.7
 Rated torque : 108 ft.lb
 Locked rotor torque : 210 %
 Breakdown torque : 240 %
 Rated speed : 975 rpm

Moment of inertia (J) : 9.16 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 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 : 12769891
Catalog # : 02012ET3E286T-W22G

Performance : 230/460 V 60 Hz 6P

Rated current	: 48.4/24.2 A	Moment of inertia (J)	: 9.16 sq.ft.lb
LRC	: 6.2	Duty cycle	: Cont.(S1)
Rated torque	: 89.4 ft.lb	Insulation class	: F
Locked rotor torque	: 229 %	Service factor	: 1.25
Breakdown torque	: 260 %	Temperature rise	: 80 K
Rated speed	: 1175 rpm	Design	: B

Heating constant

Cooling constant

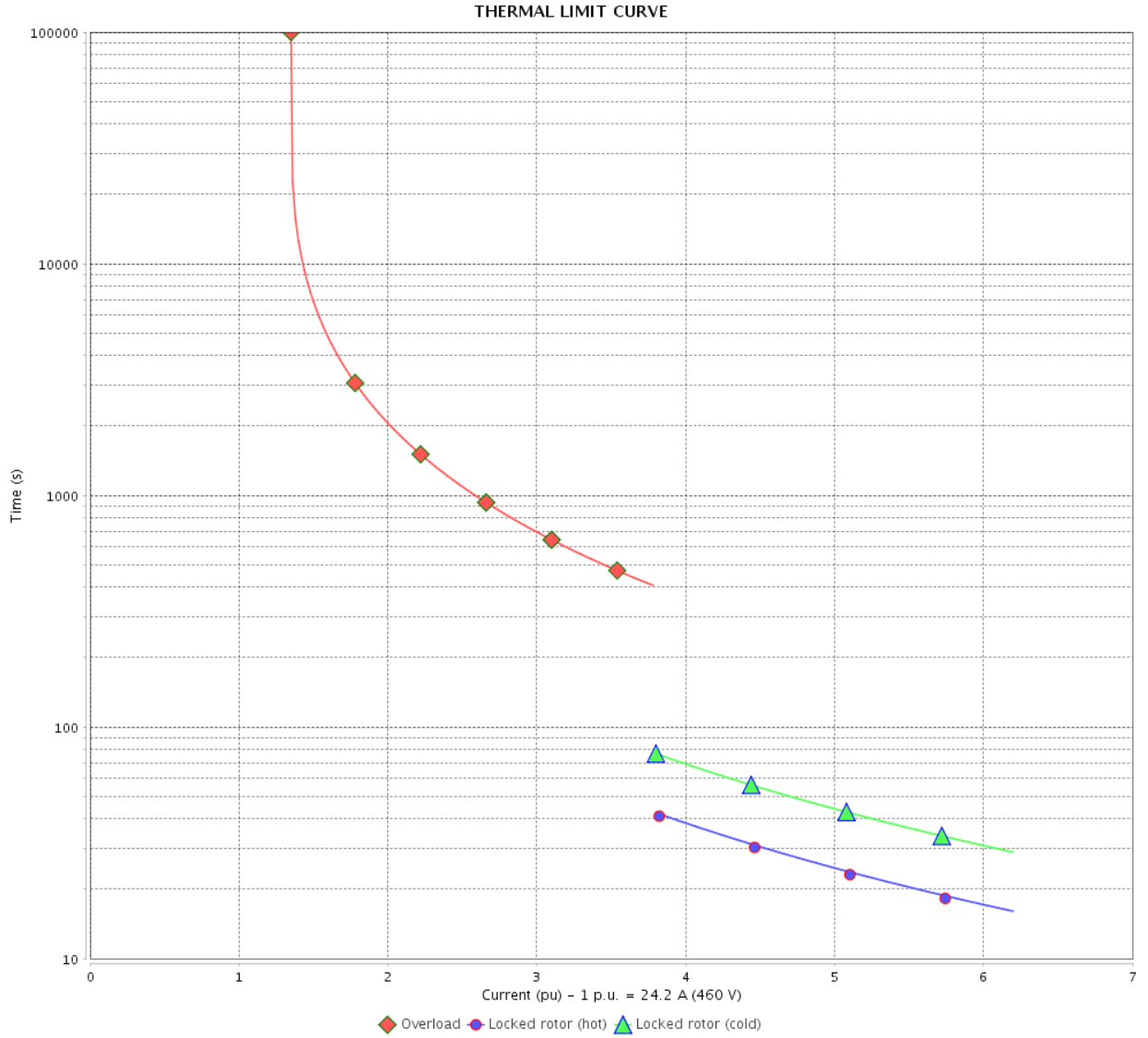
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Three Phase Induction Motor - Squirrel Cage



Customer : _____



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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769891

Catalog # : 02012ET3E286T-W22G

Performance : 380 V 50 Hz 6P IE3

Rated current	: 21.8 A	Moment of inertia (J)	: 9.16 sq.ft.lb
LRC	: 6.2	Duty cycle	: Cont.(S1)
Rated torque	: 80.4 ft.lb	Insulation class	: F
Locked rotor torque	: 229 %	Service factor	: 1.00
Breakdown torque	: 270 %	Temperature rise	: 80 K
Rated speed	: 975 rpm	Design	: B

Heating constant

Cooling constant

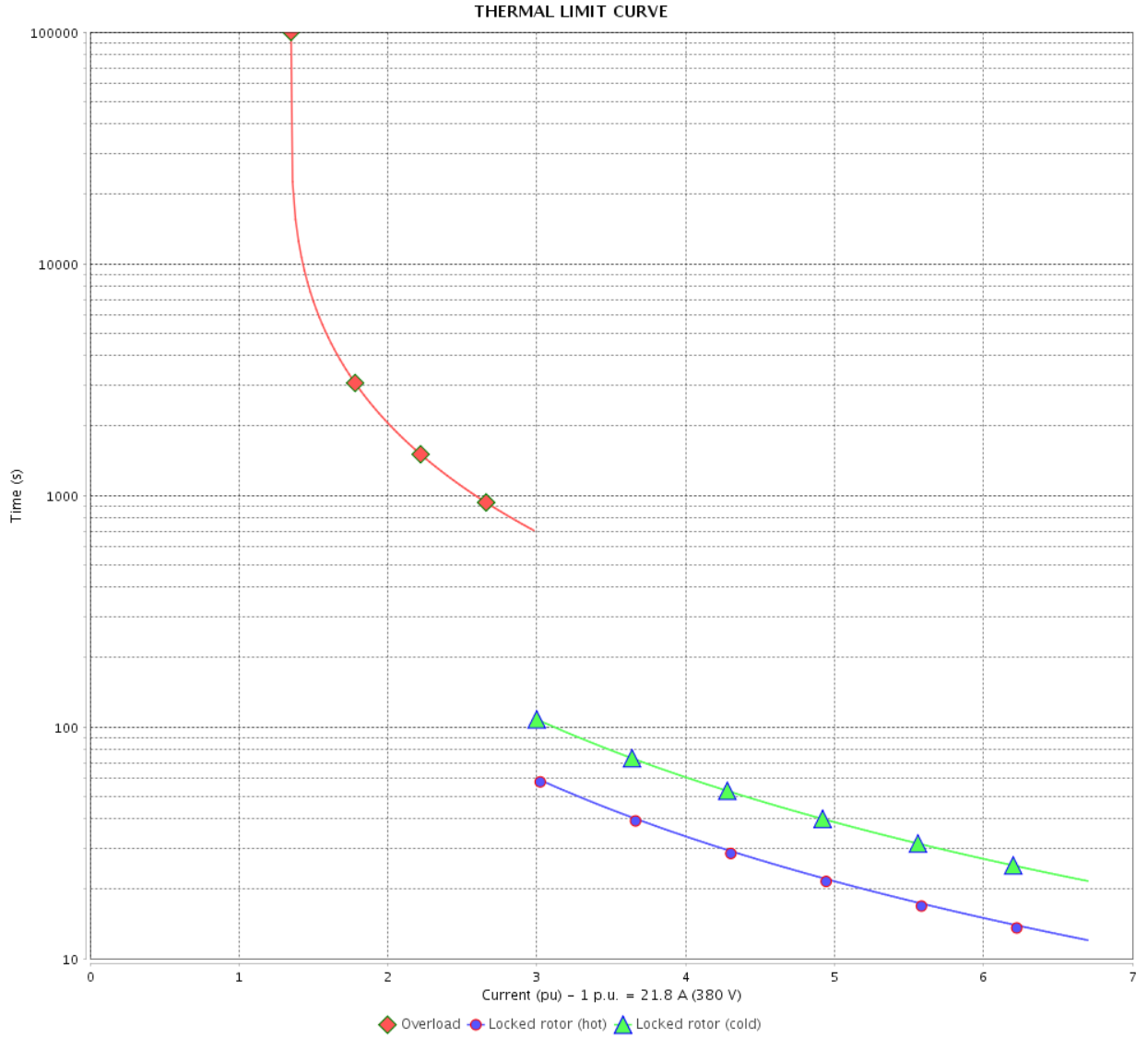
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Three Phase Induction Motor - Squirrel Cage



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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase
Product code : 12769891
Catalog # : 02012ET3E286T-W22G

Performance : 400 V 50 Hz 6P IE3

Rated current	: 21.2 A	Moment of inertia (J)	: 9.16 sq.ft.lb
LRC	: 6.9	Duty cycle	: Cont.(S1)
Rated torque	: 80.2 ft.lb	Insulation class	: F
Locked rotor torque	: 270 %	Service factor	: 1.15
Breakdown torque	: 290 %	Temperature rise	: 80 K
Rated speed	: 975 rpm	Design	: B

Heating constant

Cooling constant

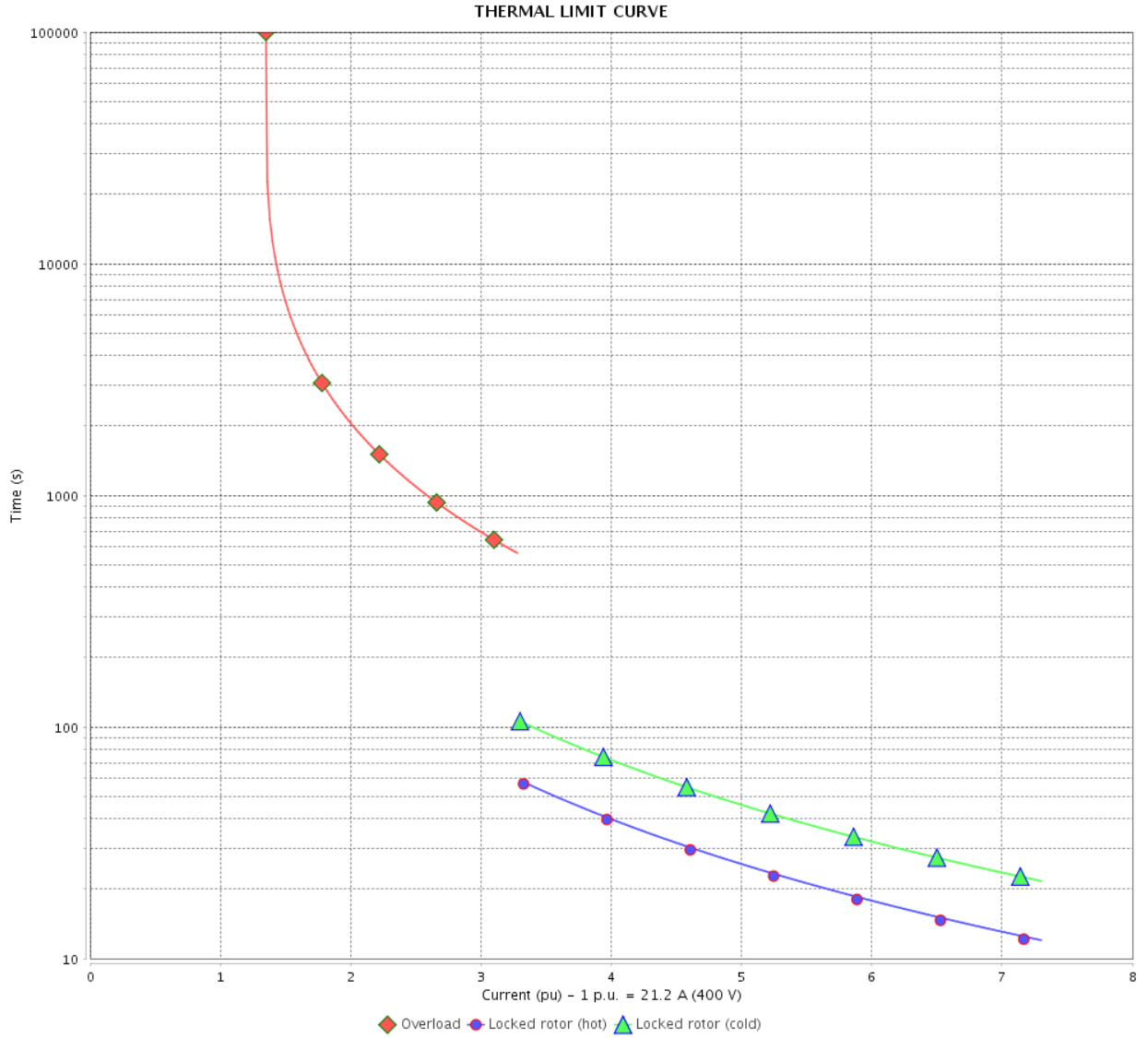
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THERMAL LIMIT CURVE

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Performance : 415 V 50 Hz 6P IE3

Rated current	: 21.3 A	Moment of inertia (J)	: 9.16 sq.ft.lb
LRC	: 7.3	Duty cycle	: Cont.(S1)
Rated torque	: 80.1 ft.lb	Insulation class	: F
Locked rotor torque	: 280 %	Service factor	: 1.15
Breakdown torque	: 320 %	Temperature rise	: 80 K
Rated speed	: 980 rpm	Design	: B

Heating constant

Cooling constant

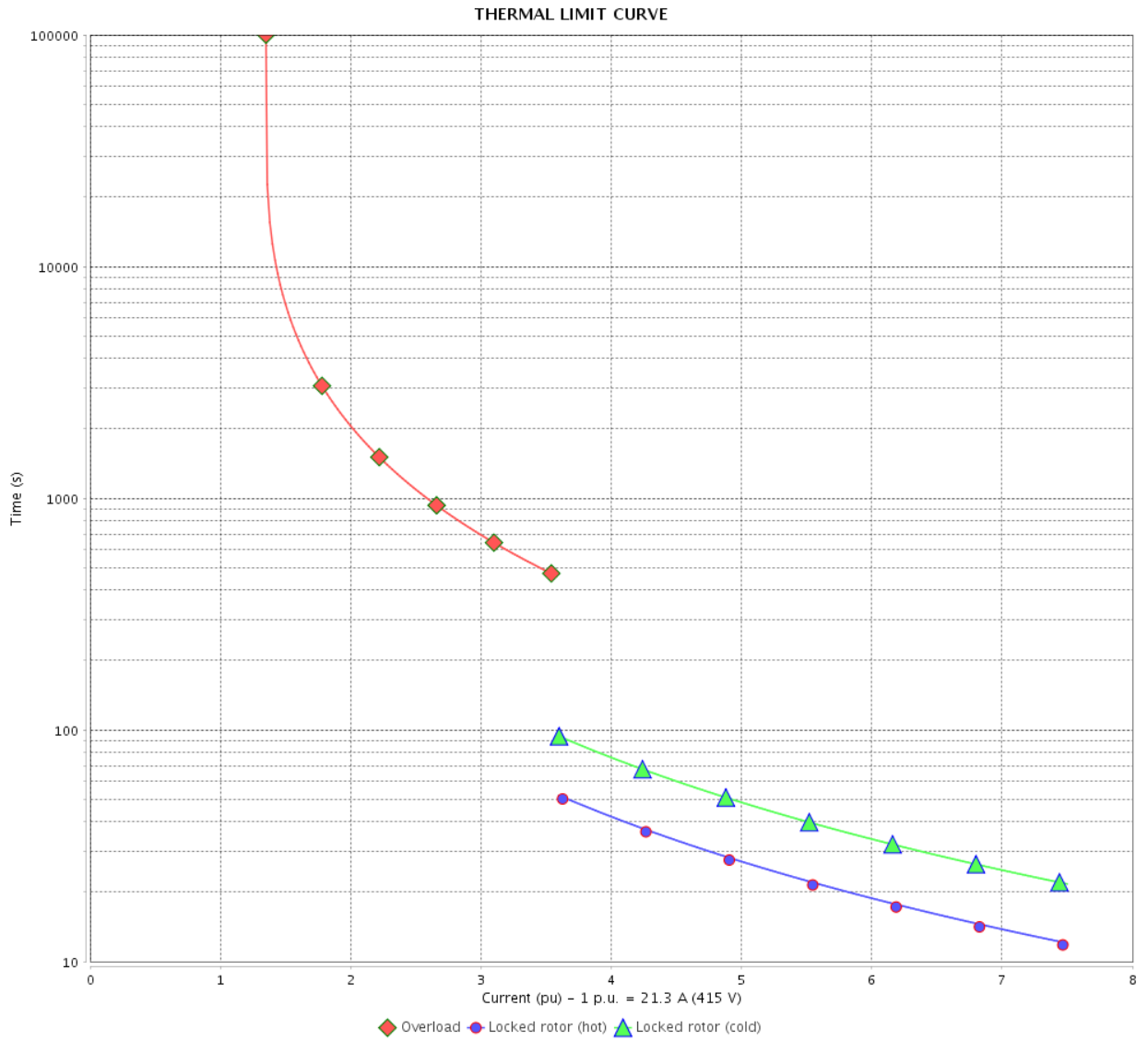
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Performance : 380 V 50 Hz 6P IE1

Rated current	: 29.6 A	Moment of inertia (J)	: 9.16 sq.ft.lb
LRC	: 4.7	Duty cycle	: Cont.(S1)
Rated torque	: 109 ft.lb	Insulation class	: F
Locked rotor torque	: 170 %	Service factor	: 1.00
Breakdown torque	: 200 %	Temperature rise	: 105 K
Rated speed	: 965 rpm	Design	: B

Heating constant

Cooling constant

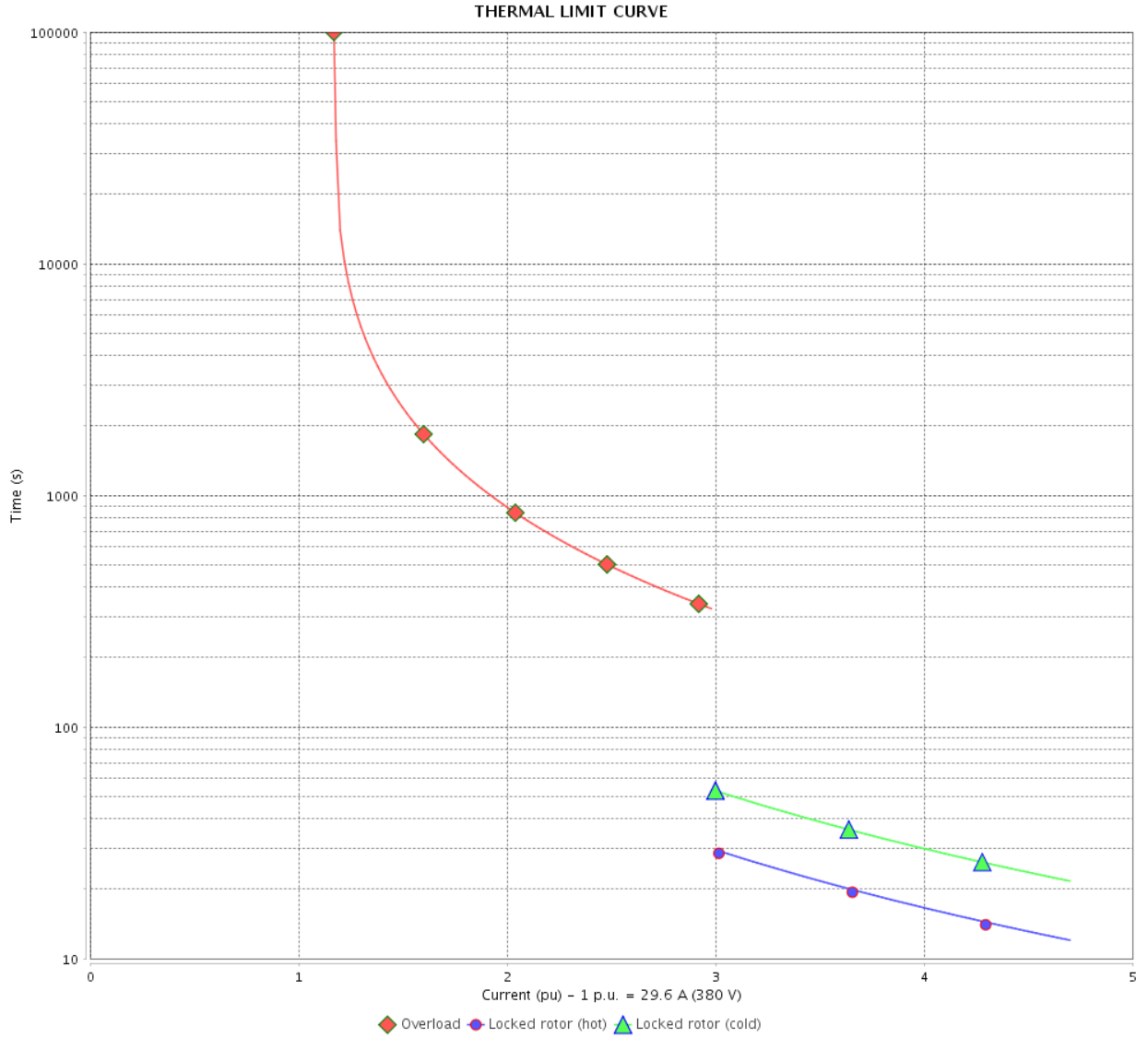
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Performance : 400 V 50 Hz 6P IE1

Rated current	: 28.1 A	Moment of inertia (J)	: 9.16 sq.ft.lb
LRC	: 5.3	Duty cycle	: Cont.(S1)
Rated torque	: 108 ft.lb	Insulation class	: F
Locked rotor torque	: 200 %	Service factor	: 1.15
Breakdown torque	: 220 %	Temperature rise	: 105 K
Rated speed	: 970 rpm	Design	: B

Heating constant

Cooling constant

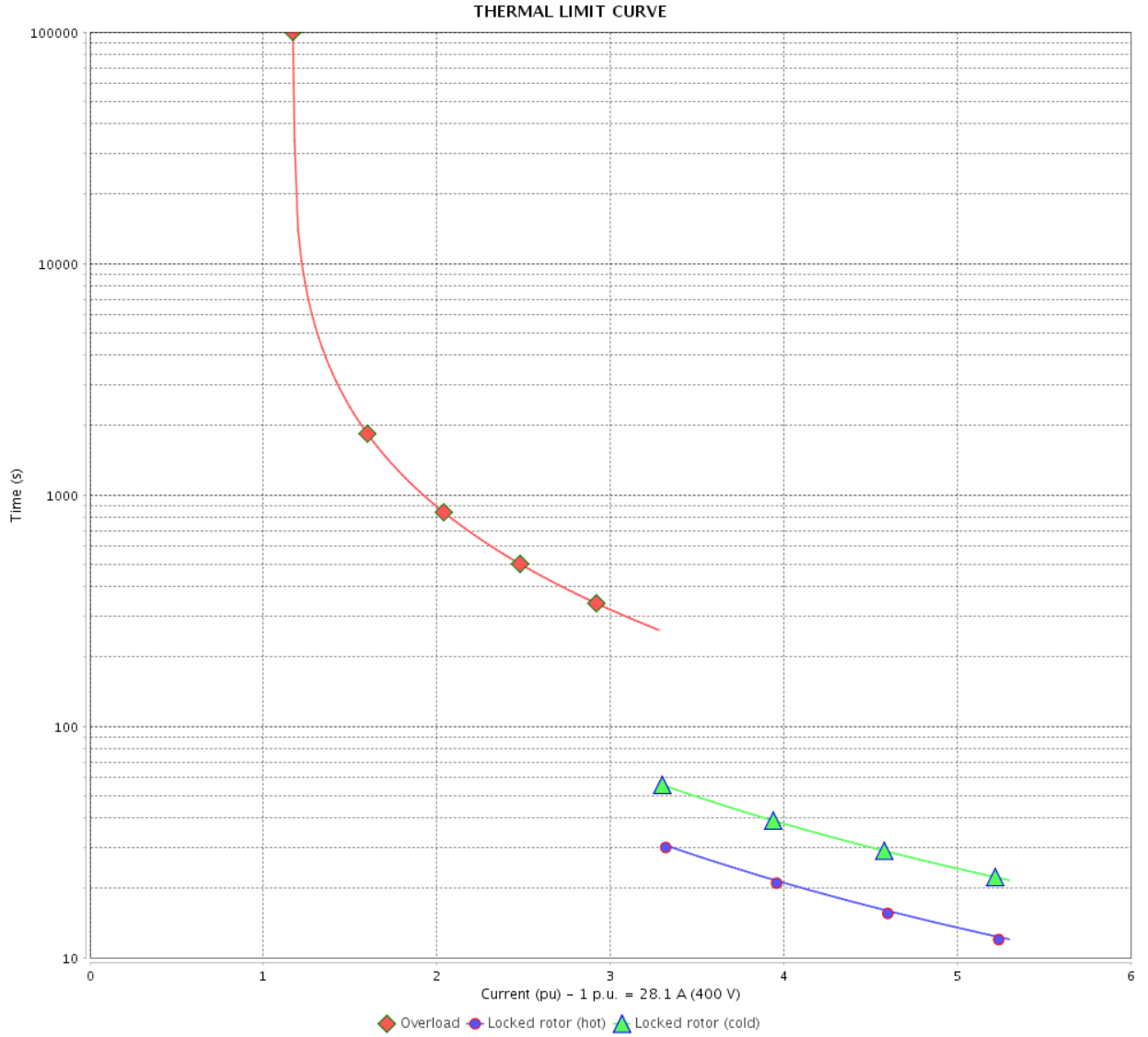
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
Date	14/04/2022		26 / 36	

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____



Rev.	Changes Summary	Performed	Checked	Date
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Checked by		27 / 36		
Date		14/04/2022		

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase
Product code : 12769891
Catalog # : 02012ET3E286T-W22G

Performance : 415 V 50 Hz 6P IE2

Rated current	: 27.2 A	Moment of inertia (J)	: 9.16 sq.ft.lb
LRC	: 5.7	Duty cycle	: Cont.(S1)
Rated torque	: 108 ft.lb	Insulation class	: F
Locked rotor torque	: 210 %	Service factor	: 1.15
Breakdown torque	: 240 %	Temperature rise	: 80 K
Rated speed	: 975 rpm	Design	: B

Heating constant

Cooling constant

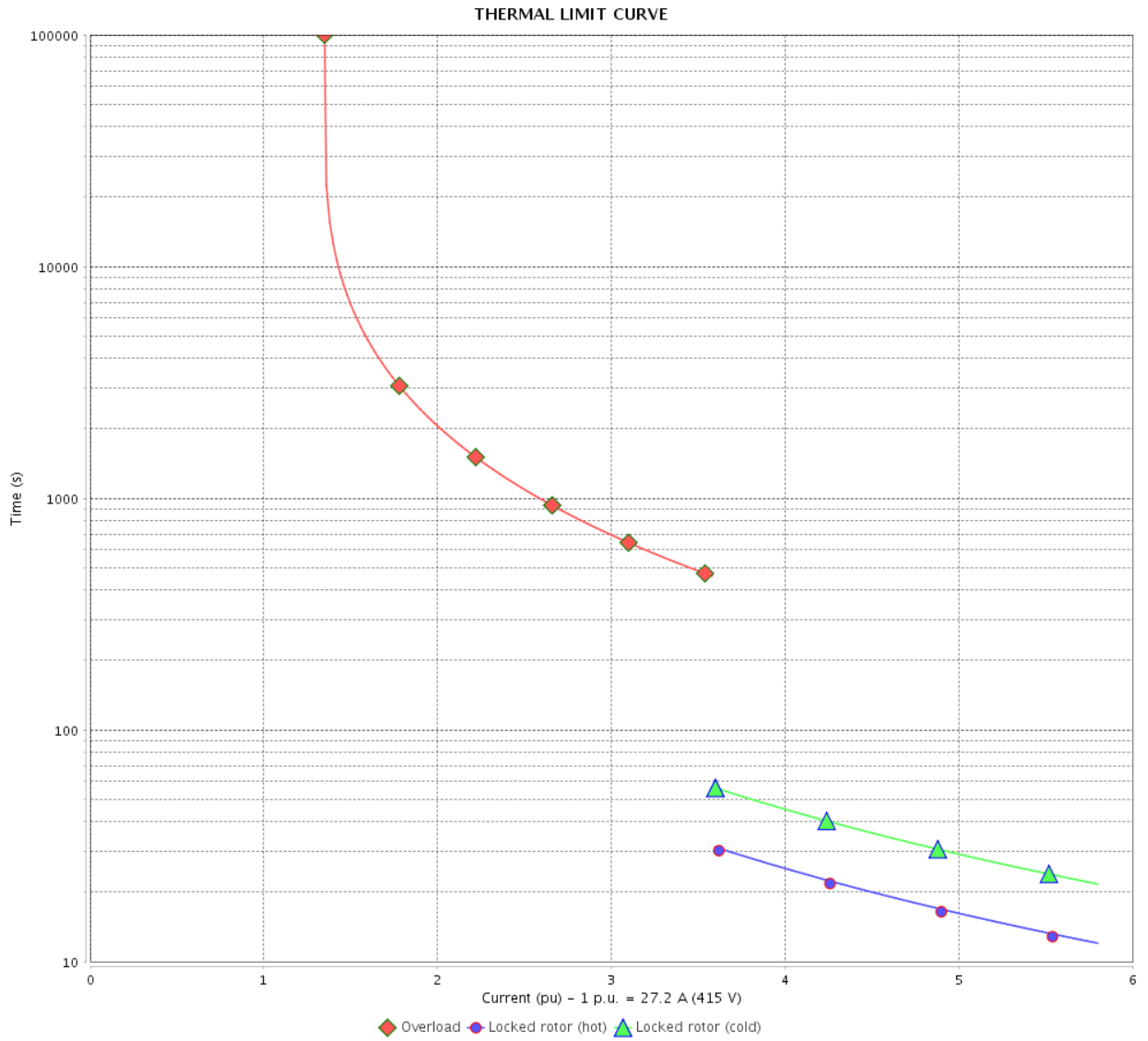
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
Date	14/04/2022		28 / 36	

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____



Rev.	Changes Summary	Performed	Checked	Date
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Checked by				
Date				

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

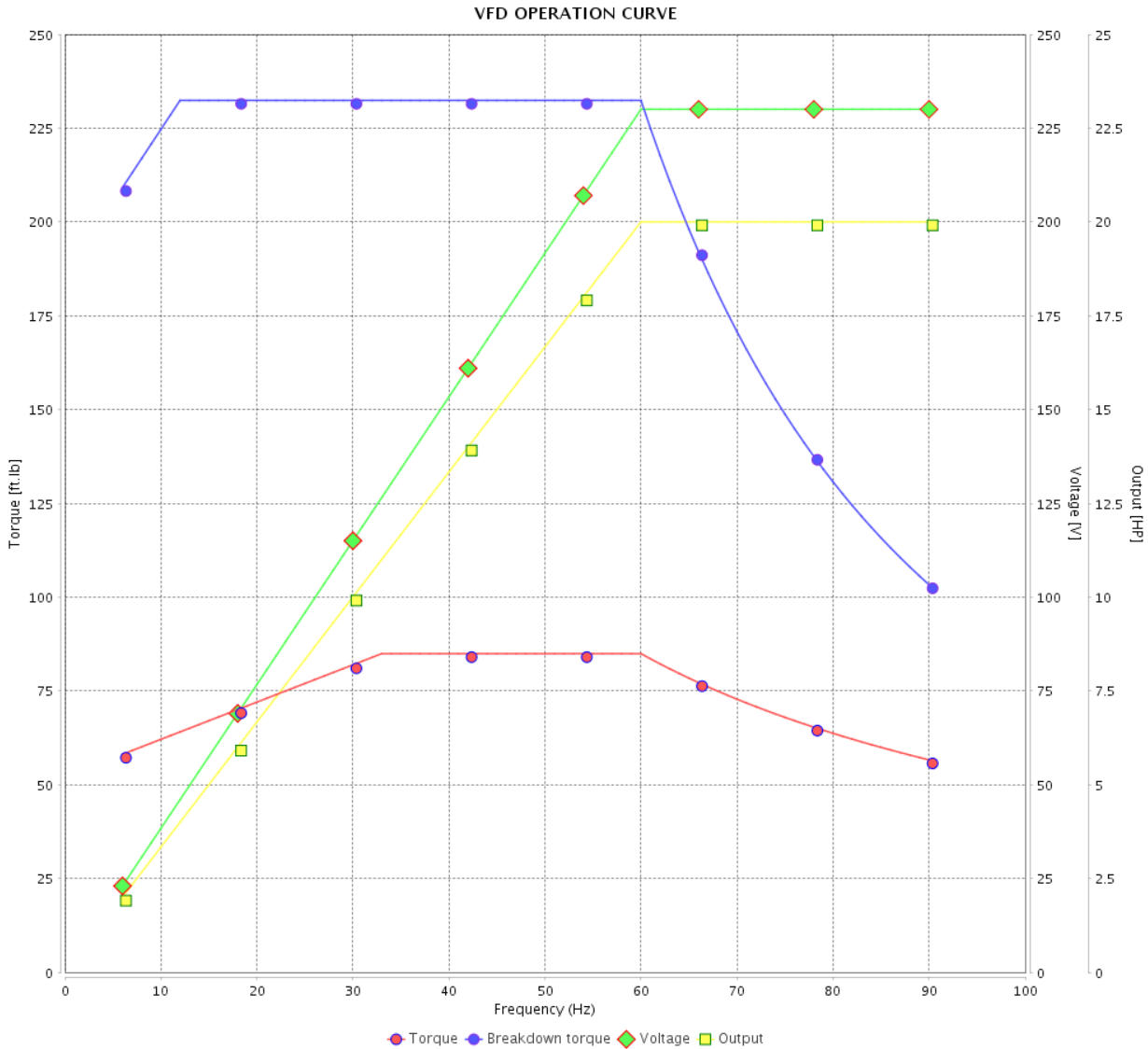


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769891

Catalog # : 02012ET3E286T-W22G



Performance : 230/460 V 60 Hz 6P

Rated current : 48.4/24.2 A
 LRC : 6.2
 Rated torque : 89.4 ft.lb
 Locked rotor torque : 229 %
 Breakdown torque : 260 %
 Rated speed : 1175 rpm

Moment of inertia (J) : 9.16 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

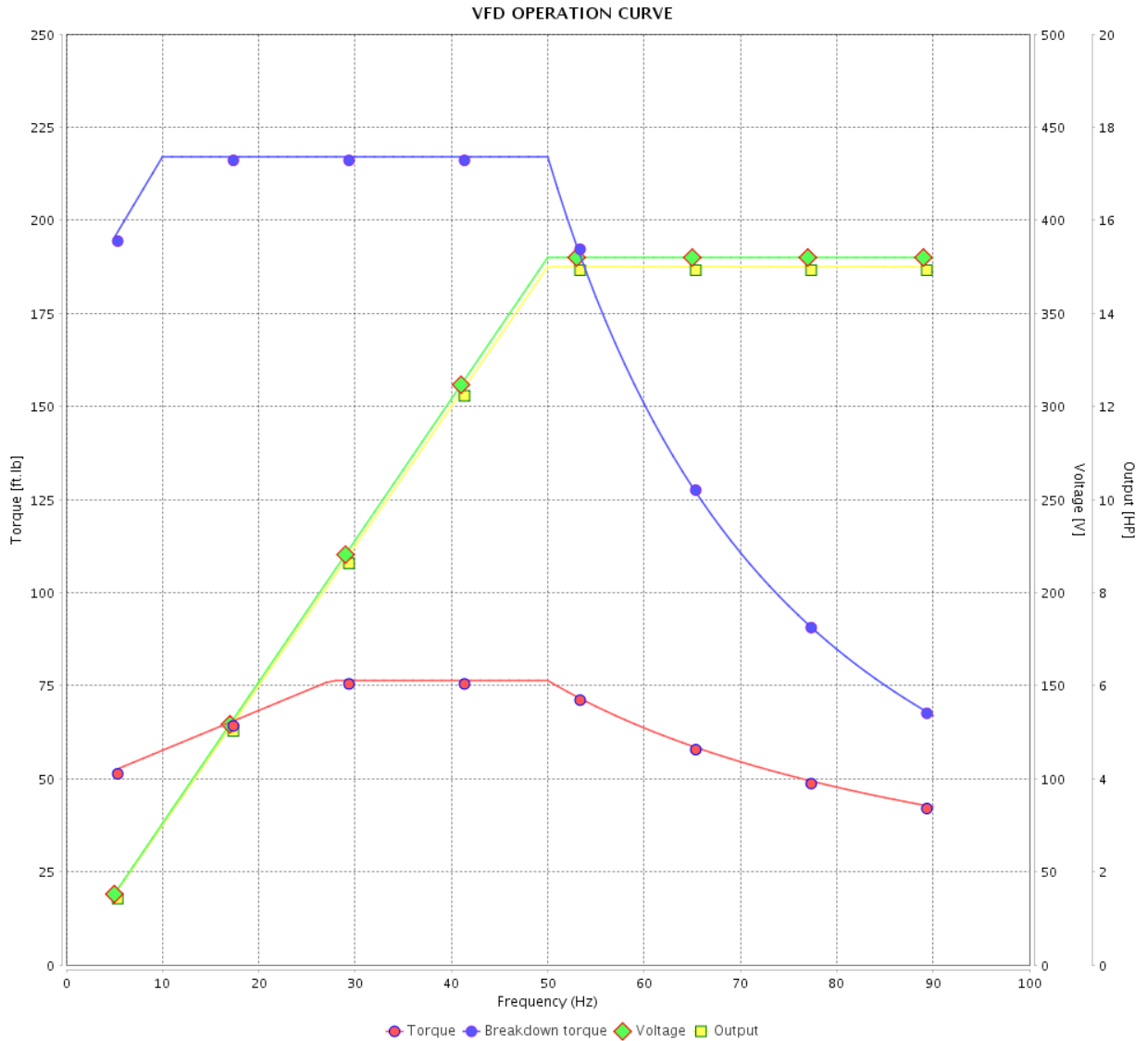


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769891

Catalog # : 02012ET3E286T-W22G



Performance : 380 V 50 Hz 6P IE3

Rated current : 21.8 A
 LRC : 6.2
 Rated torque : 80.4 ft.lb
 Locked rotor torque : 229 %
 Breakdown torque : 270 %
 Rated speed : 975 rpm

Moment of inertia (J) : 9.16 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : B

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Performed by			Page 31 / 36	Revision
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Date	14/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

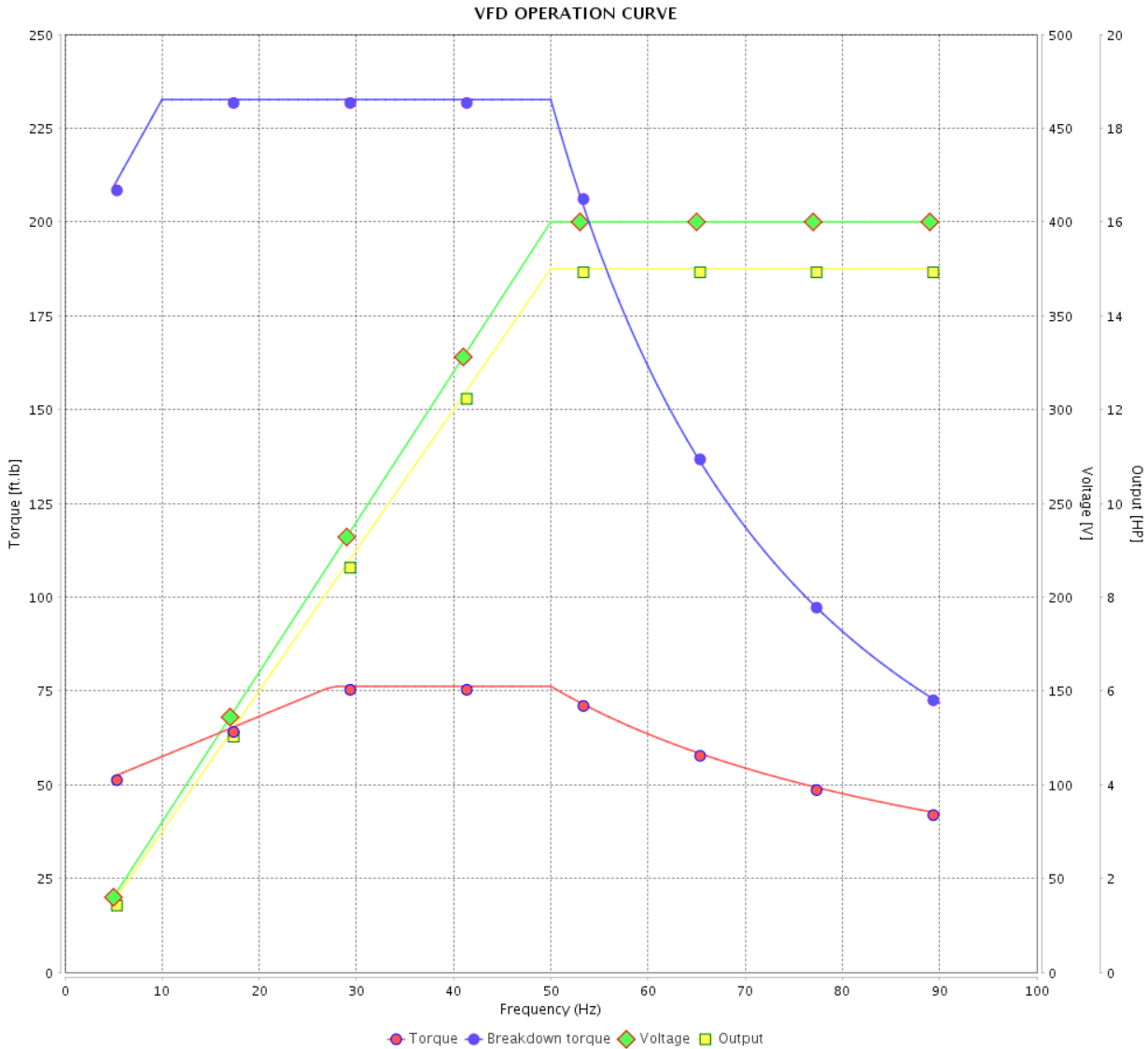


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769891

Catalog # : 02012ET3E286T-W22G



Performance : 400 V 50 Hz 6P IE3

Rated current : 21.2 A
 LRC : 6.9
 Rated torque : 80.2 ft.lb
 Locked rotor torque : 270 %
 Breakdown torque : 290 %
 Rated speed : 975 rpm

Moment of inertia (J) : 9.16 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 Temperature rise : 80 K
 Design : B

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Performed by			Page 32 / 36	Revision
Checked by				
Date	14/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

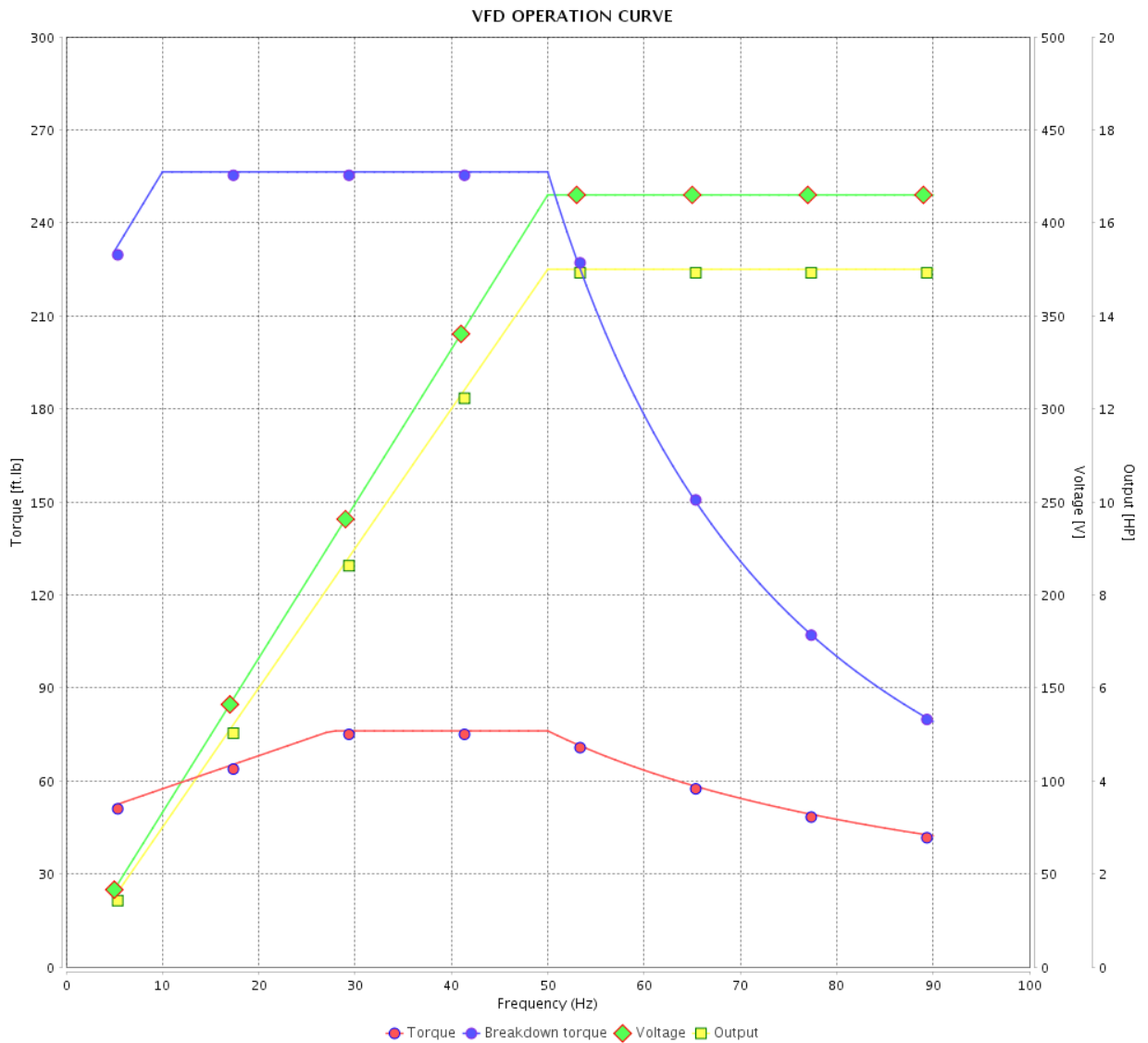


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769891

Catalog # : 02012ET3E286T-W22G



Performance : 415 V 50 Hz 6P IE3

Rated current : 21.3 A
 LRC : 7.3
 Rated torque : 80.1 ft.lb
 Locked rotor torque : 280 %
 Breakdown torque : 320 %
 Rated speed : 980 rpm

Moment of inertia (J) : 9.16 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
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Date	14/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



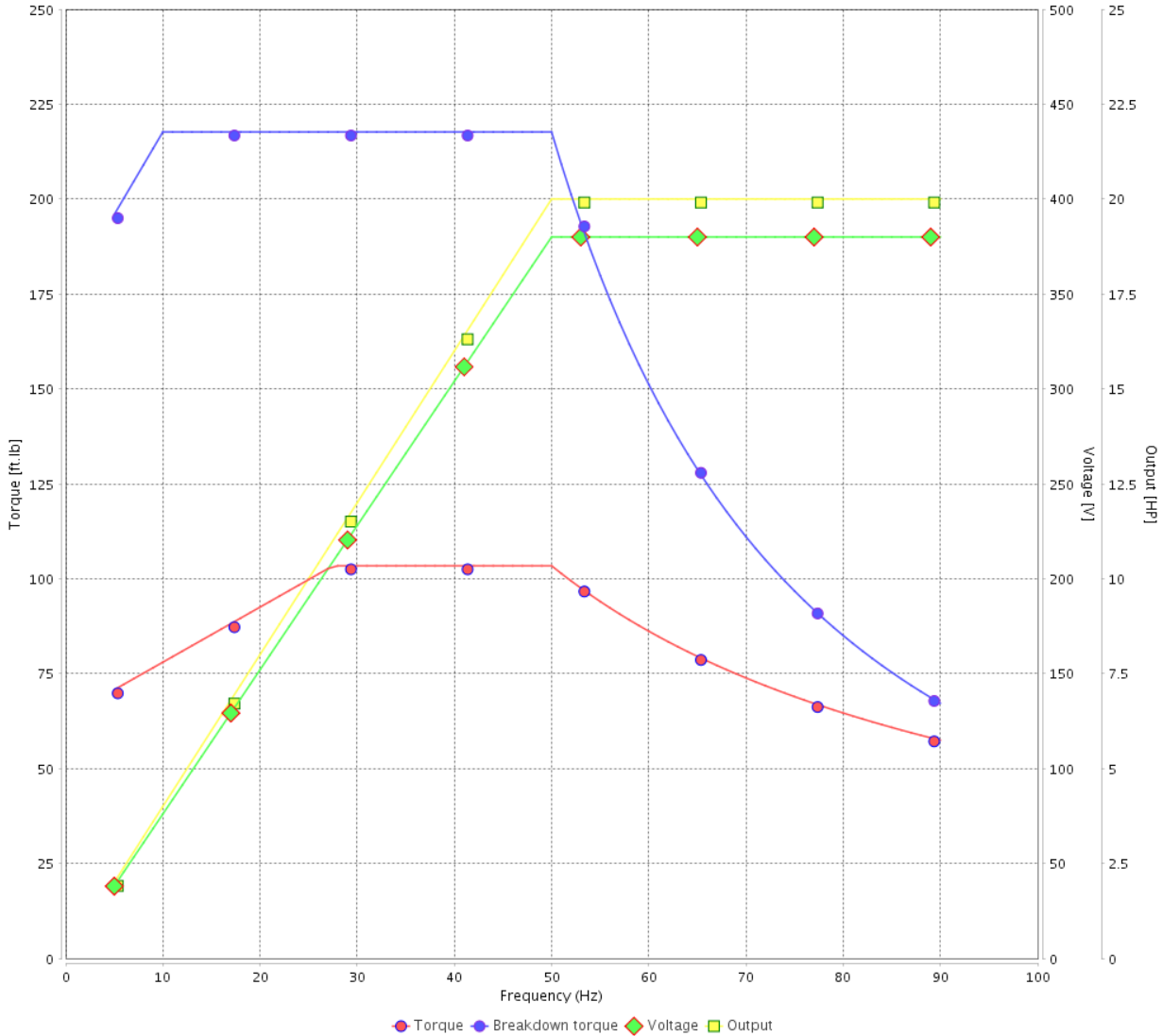
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769891

Catalog # : 02012ET3E286T-W22G

VFD OPERATION CURVE



Performance : 380 V 50 Hz 6P IE1

Rated current : 29.6 A
 LRC : 4.7
 Rated torque : 109 ft.lb
 Locked rotor torque : 170 %
 Breakdown torque : 200 %
 Rated speed : 965 rpm

Moment of inertia (J) : 9.16 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 105 K
 Design : B

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Date	14/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

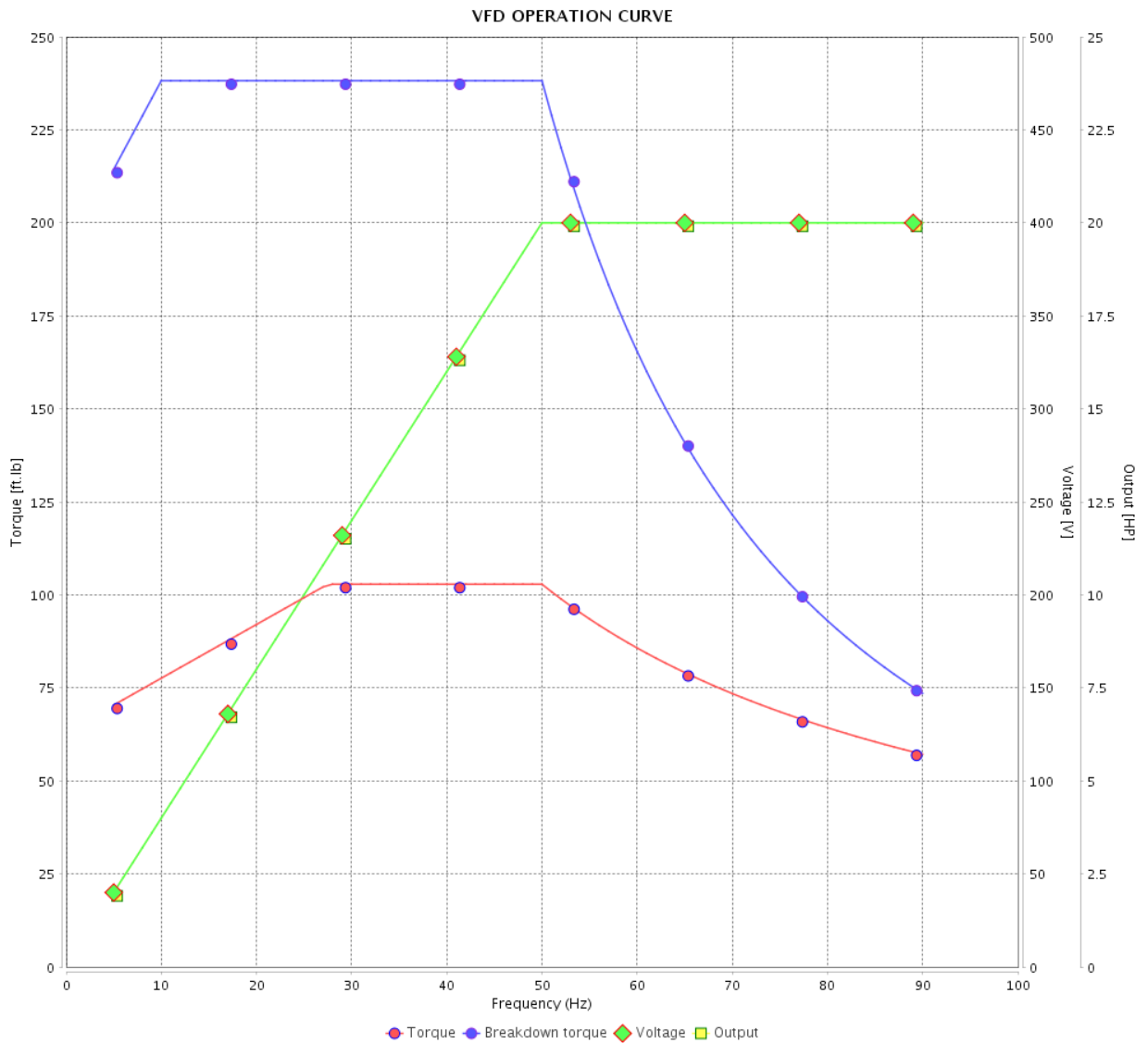


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769891

Catalog # : 02012ET3E286T-W22G



Performance : 400 V 50 Hz 6P IE1

Rated current : 28.1 A
 LRC : 5.3
 Rated torque : 108 ft.lb
 Locked rotor torque : 200 %
 Breakdown torque : 220 %
 Rated speed : 970 rpm

Moment of inertia (J) : 9.16 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 Temperature rise : 105 K
 Design : B

Rev.	Changes Summary	Performed	Checked	Date
Performed by		Page		Revision
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Date		14/04/2022		

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



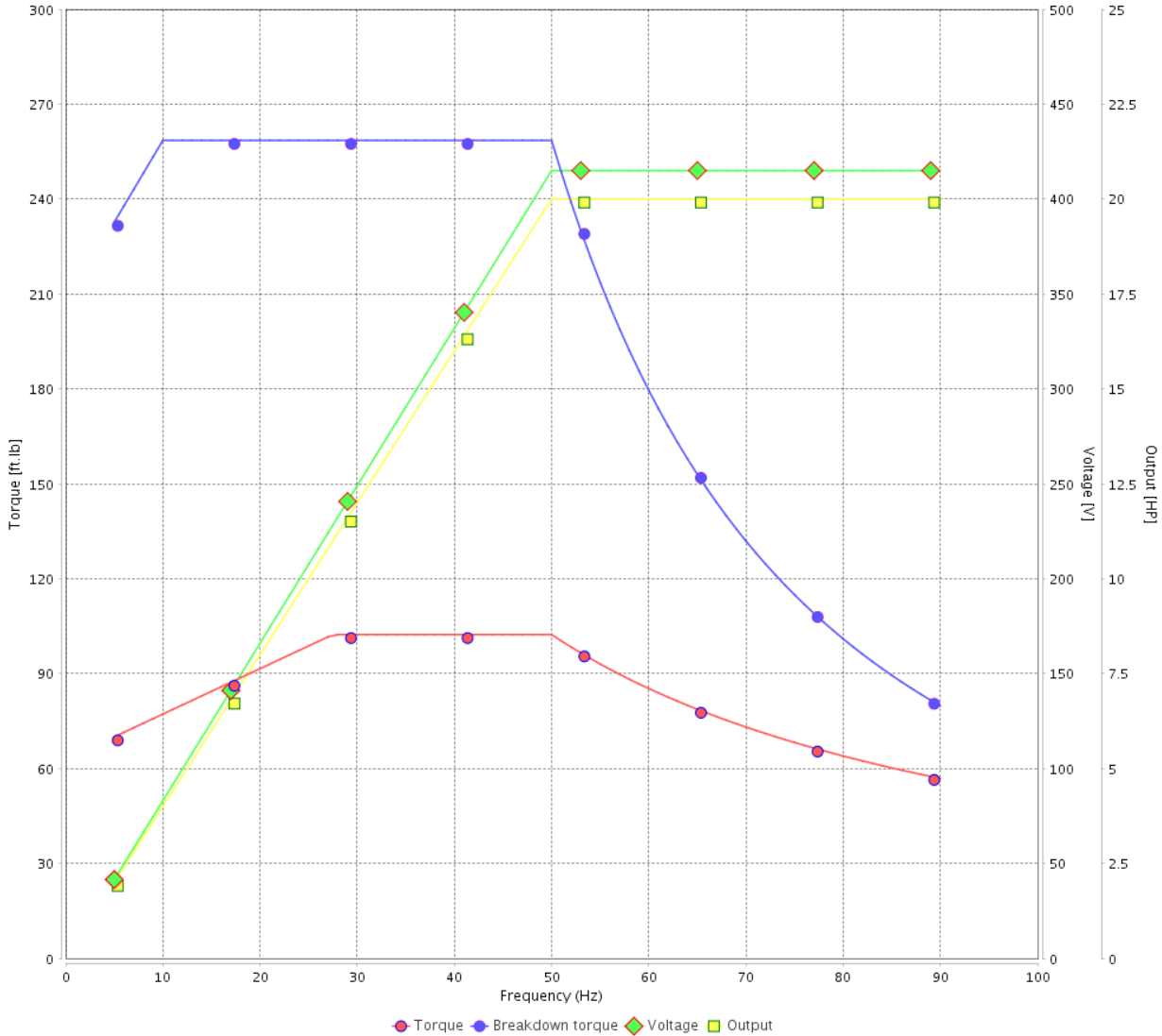
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12769891

Catalog # : 02012ET3E286T-W22G

VFD OPERATION CURVE



Performance : 415 V 50 Hz 6P IE2

Rated current : 27.2 A
 LRC : 5.7
 Rated torque : 108 ft.lb
 Locked rotor torque : 210 %
 Breakdown torque : 240 %
 Rated speed : 975 rpm

Moment of inertia (J) : 9.16 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 Temperature rise : 80 K
 Design : B

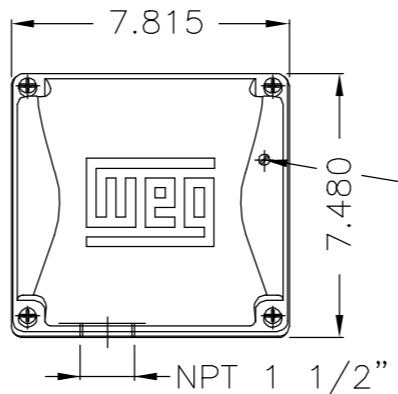
Rev.	Changes Summary	Performed	Checked	Date
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Date	14/04/2022			

EIXO/SHAFT	
PADRÃO/STANDARD	X
OPCIONAL/OPTIONAL	
ESPECIAL/SPECIAL	

Dimensões em polegadas
Dimensions in inches

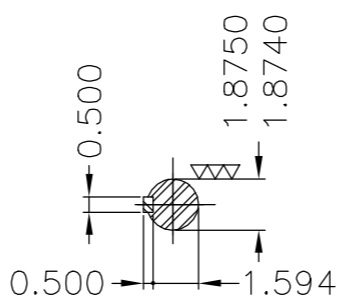
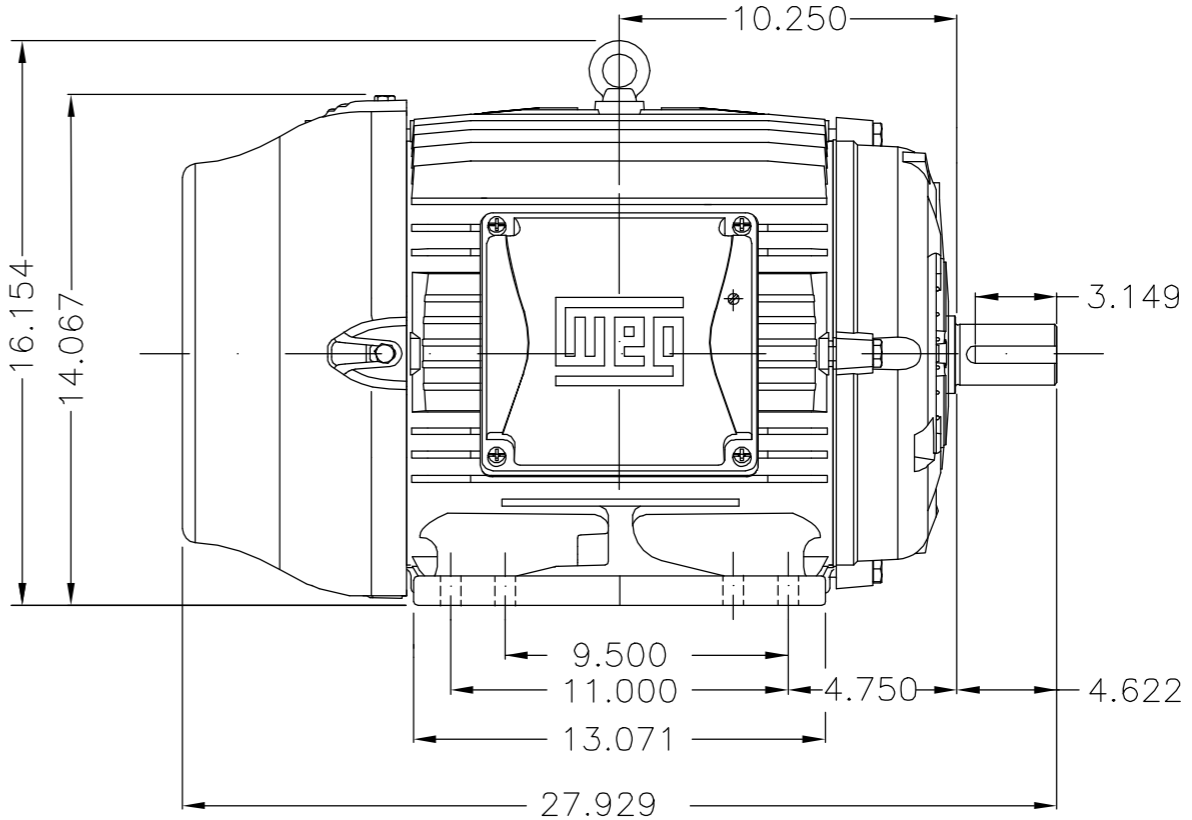
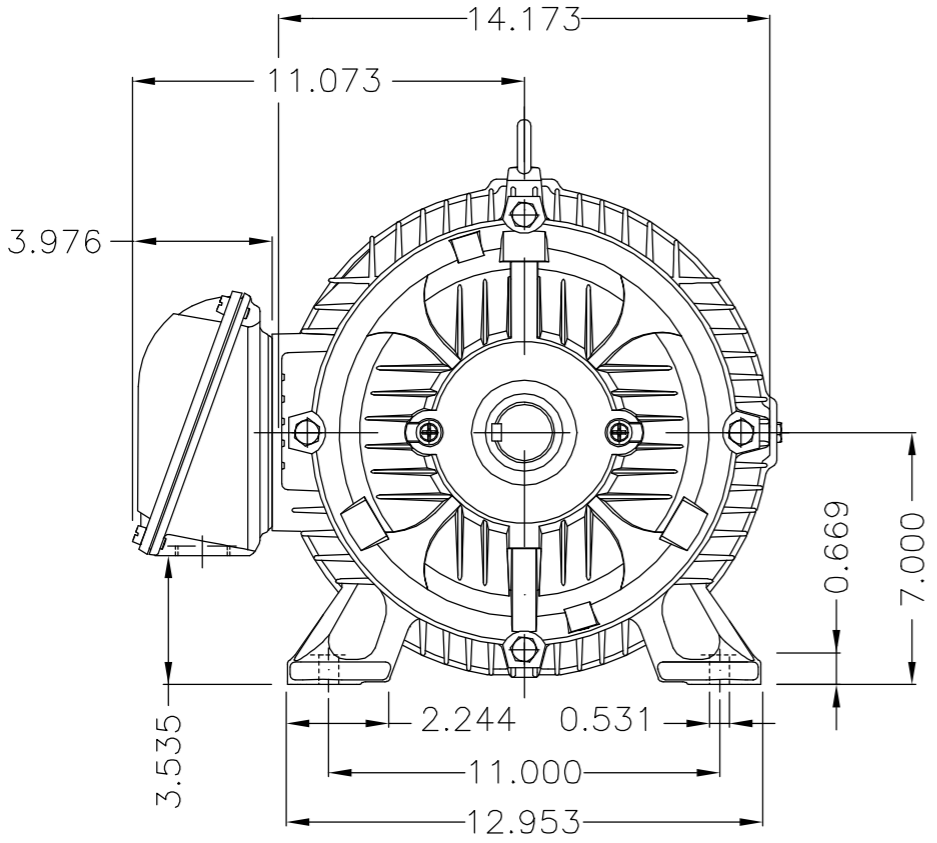
CERTIFIED WEG MOTORES
Certified document.
Not subject to changes.

THIS IS AN UPDATED REVISION, THE PREVIOUS ONE MUST BE DISREGARDED.



Grounding for leads 5.2–25mm²

Main terminal box



DE Shaft End

- Anel interno especial de fixação do rolamento dianteiro / Special internal fastening bearing cap of DE bearing
- Kit porta escova de aterramento AEGIS SGR-63.0-3MFH / Brush holder kit AEGIS SGR-63.0-3MFH
- Plano de pintura 203A / Painting plan 203A
- Forma construtiva NEMA F-1 / Mounting NEMA F-1
- Forma construtiva B3D / Mounting B3R(D)

WEG ELECTRIC CORPORATION – WEC

500001674319		ALTERADO CFME. CLAIM 415477818	ELIOM	ALISSON	ALISSON	20.01.2020	03
500001037256		REMOVIDO REPRESENTAÇÃO ATERR	ALESOMZ	ODORIZZI	ODORIZZI	18.07.2015	02
ECM	LOC	SUMMARY OF MODIFICATIONS	EXECUTED	CHECKED	RELEASED	DATE	VER
EXECUTED	SCARMAGNANI	THREE PHASE W22 MOTOR - NEMA PREMIUM EFF FRAME 284/6T IP55	10002804903				
CHECKED	DAYANAR		000	03			
RELEASED	DAYANAR						
REL DT	09.04.2014	WMO	JARAGUA DO SUL	ENGENHARIA DE PRODUTO	SHEET	1 / 1	

20 HP	06 Poles	60Hz	413384804/0	MEC	B
15 HP	06 Poles	60Hz	413384753/0	MEC	A

UNCONTROLLED COPY

RELEASED

ZME A3



Mod.TE1BFOXON
CC029A

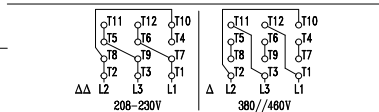
MODEL 02012ET3E286T-W22G

Inverter Duty Motor
Severe Duty

60Hz: For use on PWM: VT 1000:1,
CT 20:1, 1.00SF

MADE IN BRAZIL
12769891

PH3	60Hz	Fr. 284/6T	1000m.a.s.l.	IP55	TEFC	438lb
V	230/460			A	48.4/24.2	
HP	20			kW	15	
SF	1.25			SFA	60.5/30.3	
RPM	1175			PF	0.85	
AMB	40°C			INS cl.	F DT80K	NEMA NOM EFF 91.7%
DUTY CONT.				DES B	Code G	
USABLE @208V	53.5A	SF 1.15	SFA 61.5			
20HP	15kW	50Hz	380V	29.9A	965RPM	SF 1.00 EFF 88.5% (IE1)



→ 6311-C3 (18g)
→ 6211-C3 (11g)



MOBIL POLYREX EM (20000h)

