

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :								
Product line	: NEMA Premium Efficiency Three-Phase	Product code :	12605578					
		Catalog # :	02512ET3E324JP-W22					
Frame	: 324/6JP	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	: 561 lb					
Protection degree	: IP55	Moment of inertia (J)	: 11.5 sq.ft.lb					
Design	: B							
Output [HP]	25	20	20	20	25	25	25	
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]	61.6/30.8	30.3	29.4	28.6	36.8	35.1	34.2	
L. R. Amperes [A]	382/191	182	191	200	180	190	198	
LRC [A]	6.2x(Code G)	6.0x(Code G)	6.5x(Code H)	7.0x(Code J)	4.9x(Code E)	5.4x(Code F)	5.8x(Code G)	
No load current [A]	28.0/14.0	13.2	14.2	14.9	13.2	14.2	14.9	
Rated speed [RPM]	1180	980	985	985	975	980	980	
Slip [%]	1.67	2.00	1.50	1.50	2.50	2.00	2.00	
Rated torque [ft.lb]	111	107	107	107	135	134	134	
Locked rotor torque [%]	210	200	229	250	160	180	200	
Breakdown torque [%]	260	250	290	310	200	229	250	
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	80 K	80 K	80 K	
Locked rotor time	46s (cold) 26s (hot)	32s (cold) 18s (hot)	32s (cold) 18s (hot)	32s (cold) 18s (hot)	32s (cold) 18s (hot)	32s (cold) 18s (hot)	32s (cold) 18s (hot)	
Noise level ²	62.0 dB(A)	60.0 dB(A)	60.0 dB(A)	60.0 dB(A)	60.0 dB(A)	60.0 dB(A)	60.0 dB(A)	
Efficiency (%)	25%	92.2	91.1	90.9	90.9	92.7	92.1	92.1
	50%	92.4	91.1	91.1	91.1	91.7	91.7	91.7
	75%	93.0	91.8	92.2	92.2	92.4	92.4	92.4
	100%	93.0	91.6	92.2	92.2	91.0	91.7	91.7
Power Factor	25%	0.40	0.39	0.36	0.34	0.46	0.43	0.40
	50%	0.65	0.63	0.60	0.57	0.71	0.68	0.65
	75%	0.77	0.76	0.74	0.71	0.81	0.79	0.77
	100%	0.81	0.82	0.80	0.79	0.84	0.83	0.82
Bearing type	: 6312 C3	6212 C3	Foundation loads					
Sealing	: V'Ring	V'Ring	Max. traction	: 1005 lb				
Lubrication interval	: 20000 h	20000 h	Max. compression	: 1566 lb				
Lubricant amount	: 21 g	13 g						
Lubricant type	: Mobil Polyrex EM							
Notes								
USABLE @208V 67.2A SF 1.15 SFA 77.3A								
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



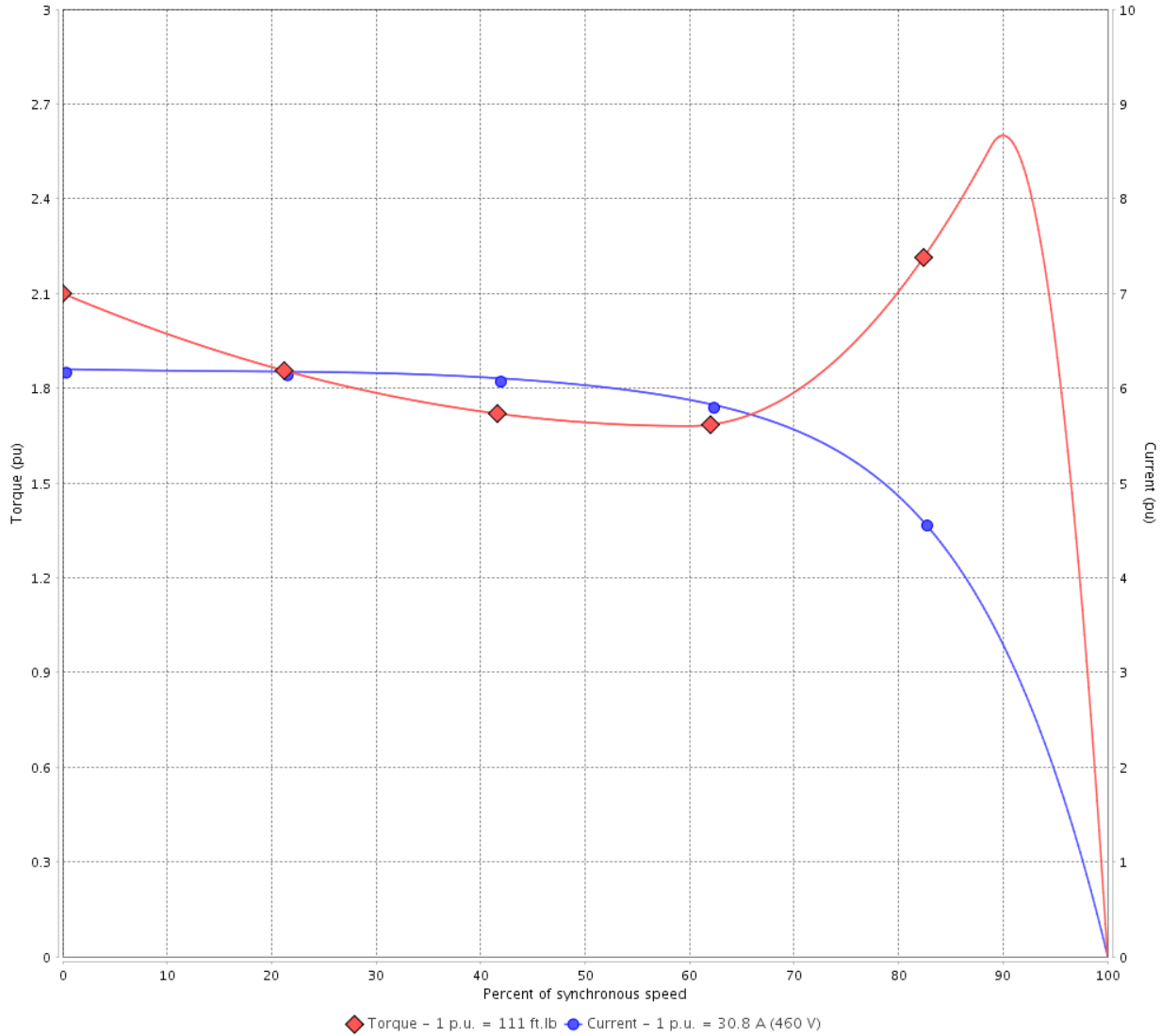
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12605578

Catalog # : 02512ET3E324JP-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 230/460 V 60 Hz 6P

Rated current	: 61.6/30.8 A	Moment of inertia (J)	: 11.5 sq.ft.lb
LRC	: 6.2	Duty cycle	: Cont.(S1)
Rated torque	: 111 ft.lb	Insulation class	: F
Locked rotor torque	: 210 %	Service factor	: 1.25
Breakdown torque	: 260 %	Temperature rise	: 80 K
Rated speed	: 1180 rpm	Design	: B

Locked rotor time : 46s (cold) 26s (hot)

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TORQUE AND CURRENT VS SPEED CURVE



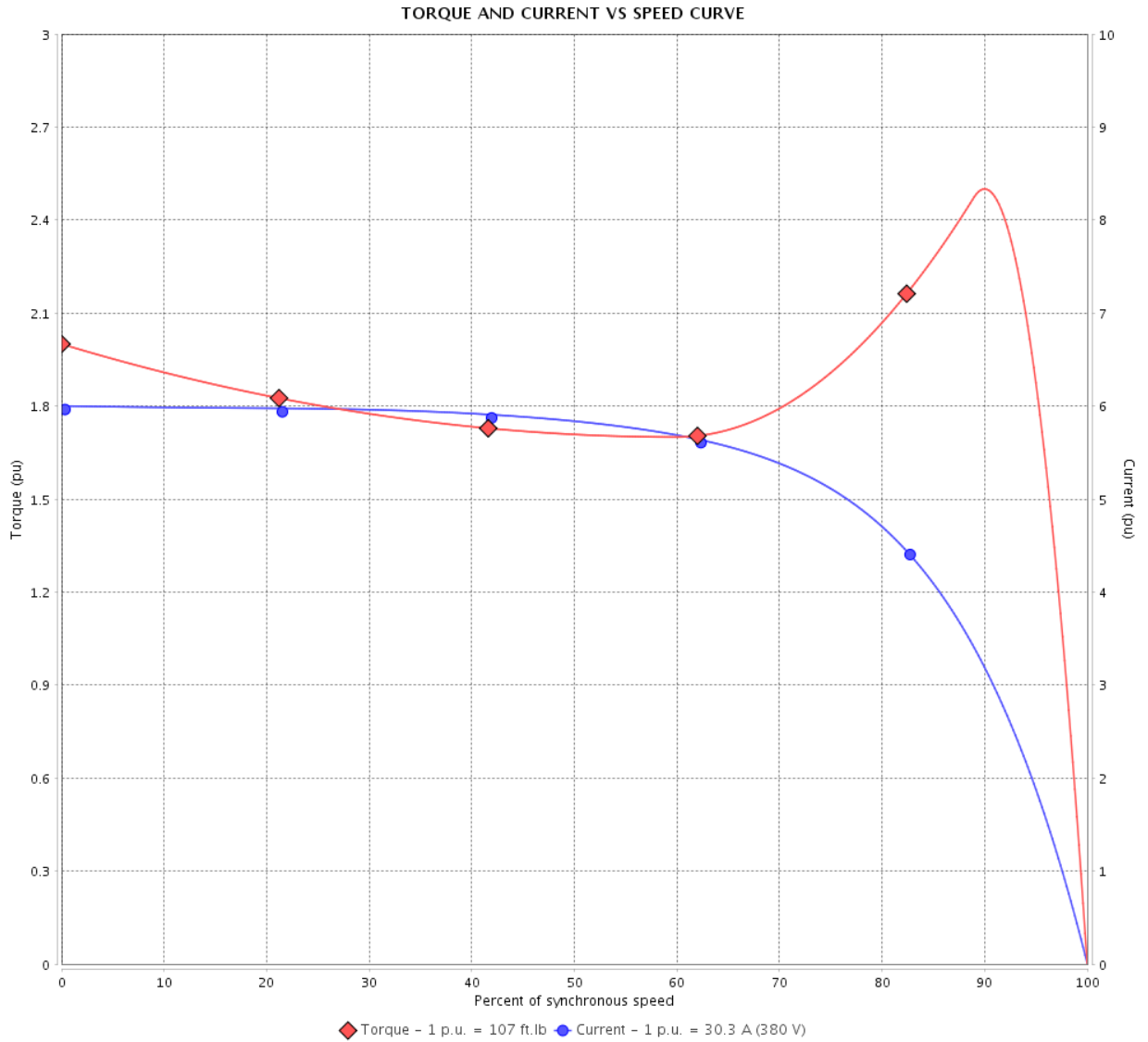
Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12605578

Catalog # : 02512ET3E324JP-W22



Performance : 380 V 50 Hz 6P IE3

Rated current	: 30.3 A	Moment of inertia (J)	: 11.5 sq.ft.lb
LRC	: 6.0	Duty cycle	: Cont.(S1)
Rated torque	: 107 ft.lb	Insulation class	: F
Locked rotor torque	: 200 %	Service factor	: 1.00
Breakdown torque	: 250 %	Temperature rise	: 80 K
Rated speed	: 980 rpm	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



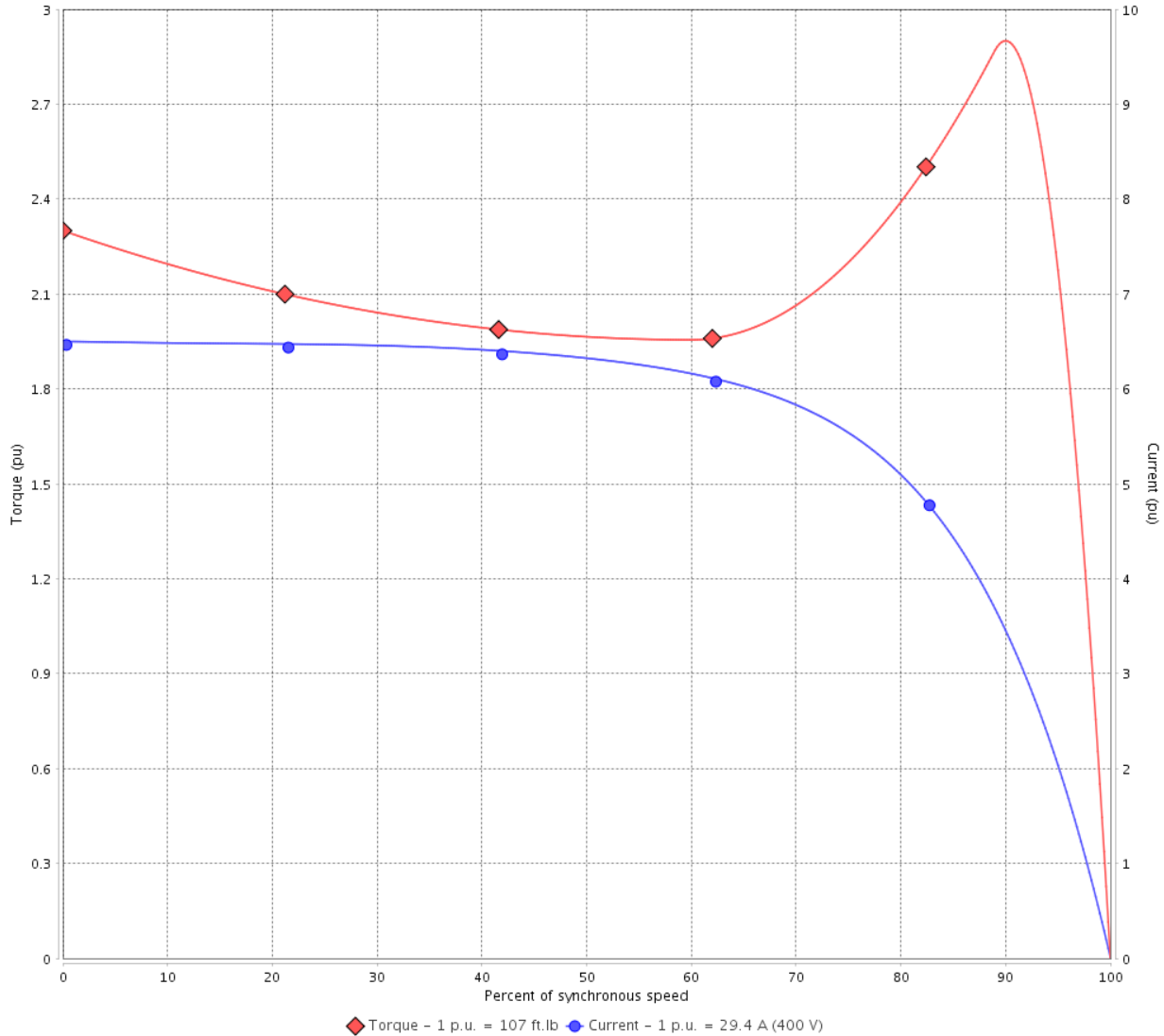
Customer :

Product line : NEMA Premium Efficiency Three-Phase

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Catalog # : 02512ET3E324JP-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 400 V 50 Hz 6P IE3

Rated current	: 29.4 A	Moment of inertia (J)	: 11.5 sq.ft.lb
LRC	: 6.5	Duty cycle	: Cont.(S1)
Rated torque	: 107 ft.lb	Insulation class	: F
Locked rotor torque	: 229 %	Service factor	: 1.15
Breakdown torque	: 290 %	Temperature rise	: 80 K
Rated speed	: 985 rpm	Design	: B

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

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TORQUE AND CURRENT VS SPEED CURVE



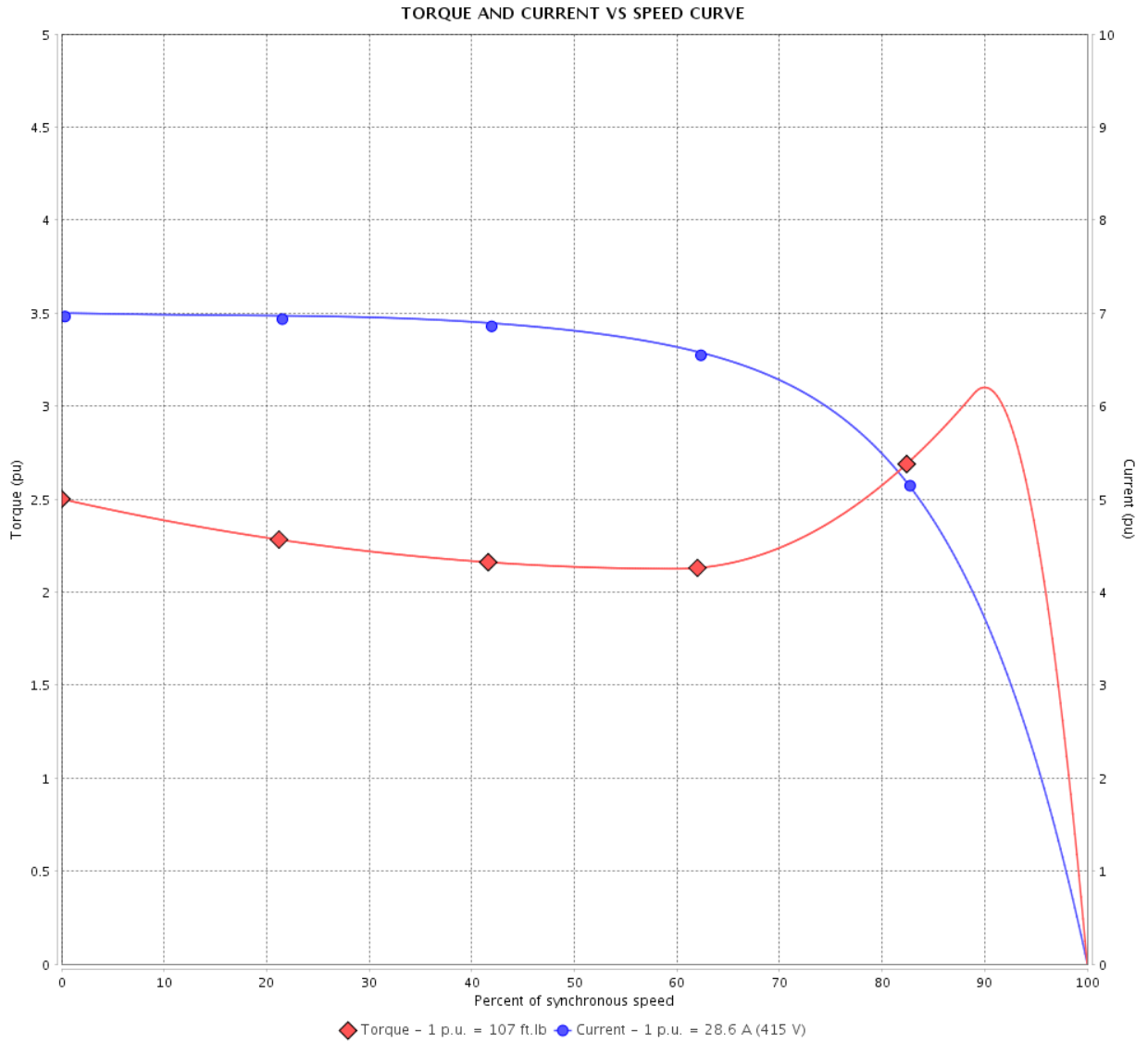
Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12605578

Catalog # : 02512ET3E324JP-W22



Performance : 415 V 50 Hz 6P IE3

Rated current	: 28.6 A	Moment of inertia (J)	: 11.5 sq.ft.lb
LRC	: 7.0	Duty cycle	: Cont.(S1)
Rated torque	: 107 ft.lb	Insulation class	: F
Locked rotor torque	: 250 %	Service factor	: 1.15
Breakdown torque	: 310 %	Temperature rise	: 80 K
Rated speed	: 985 rpm	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

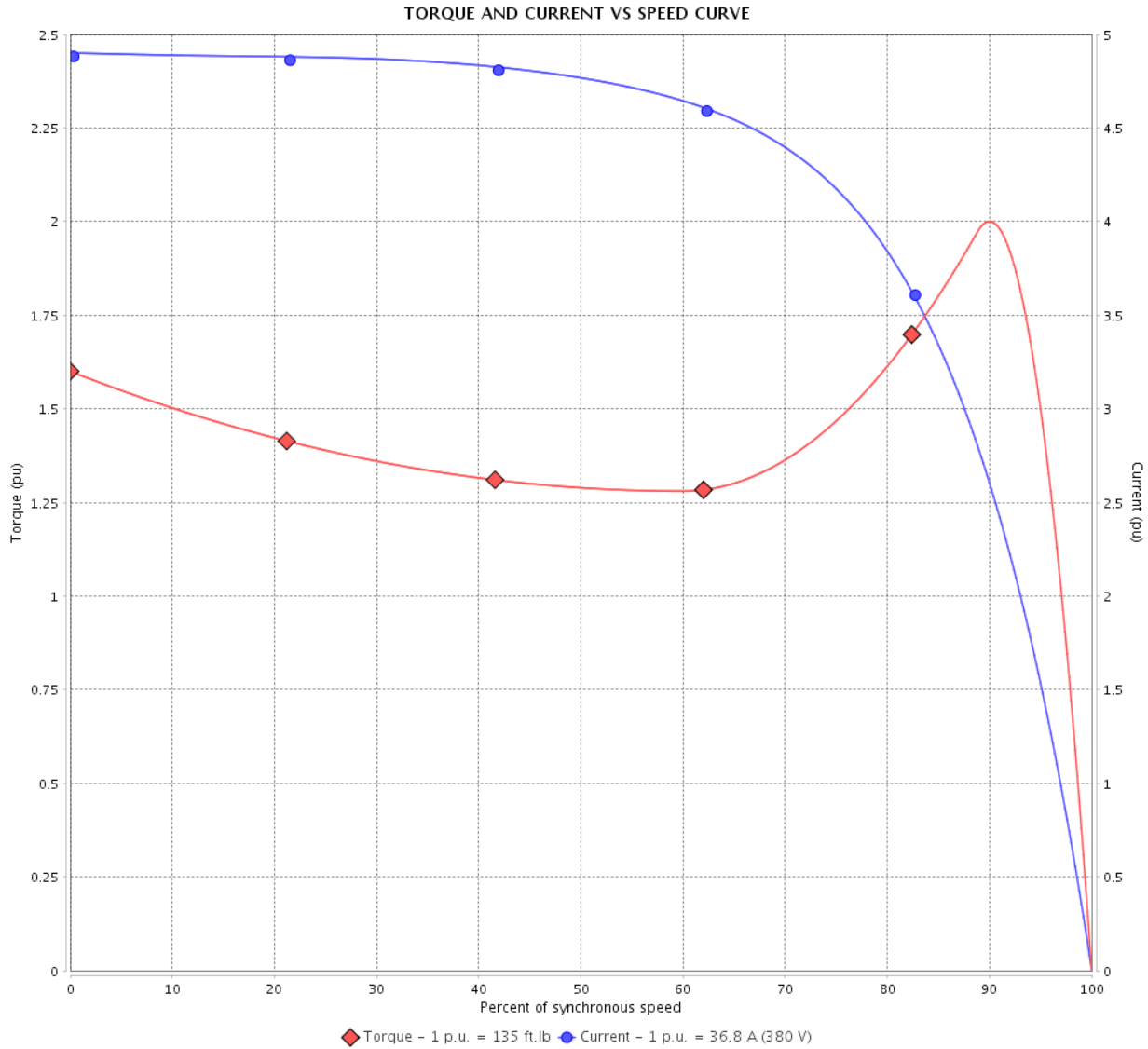


Customer :

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Catalog # : 02512ET3E324JP-W22



Performance : 380 V 50 Hz 6P IE2

Rated current	: 36.8 A	Moment of inertia (J)	: 11.5 sq.ft.lb
LRC	: 4.9	Duty cycle	: Cont.(S1)
Rated torque	: 135 ft.lb	Insulation class	: F
Locked rotor torque	: 160 %	Service factor	: 1.00
Breakdown torque	: 200 %	Temperature rise	: 80 K
Rated speed	: 975 rpm	Design	: B

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

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TORQUE AND CURRENT VS SPEED CURVE



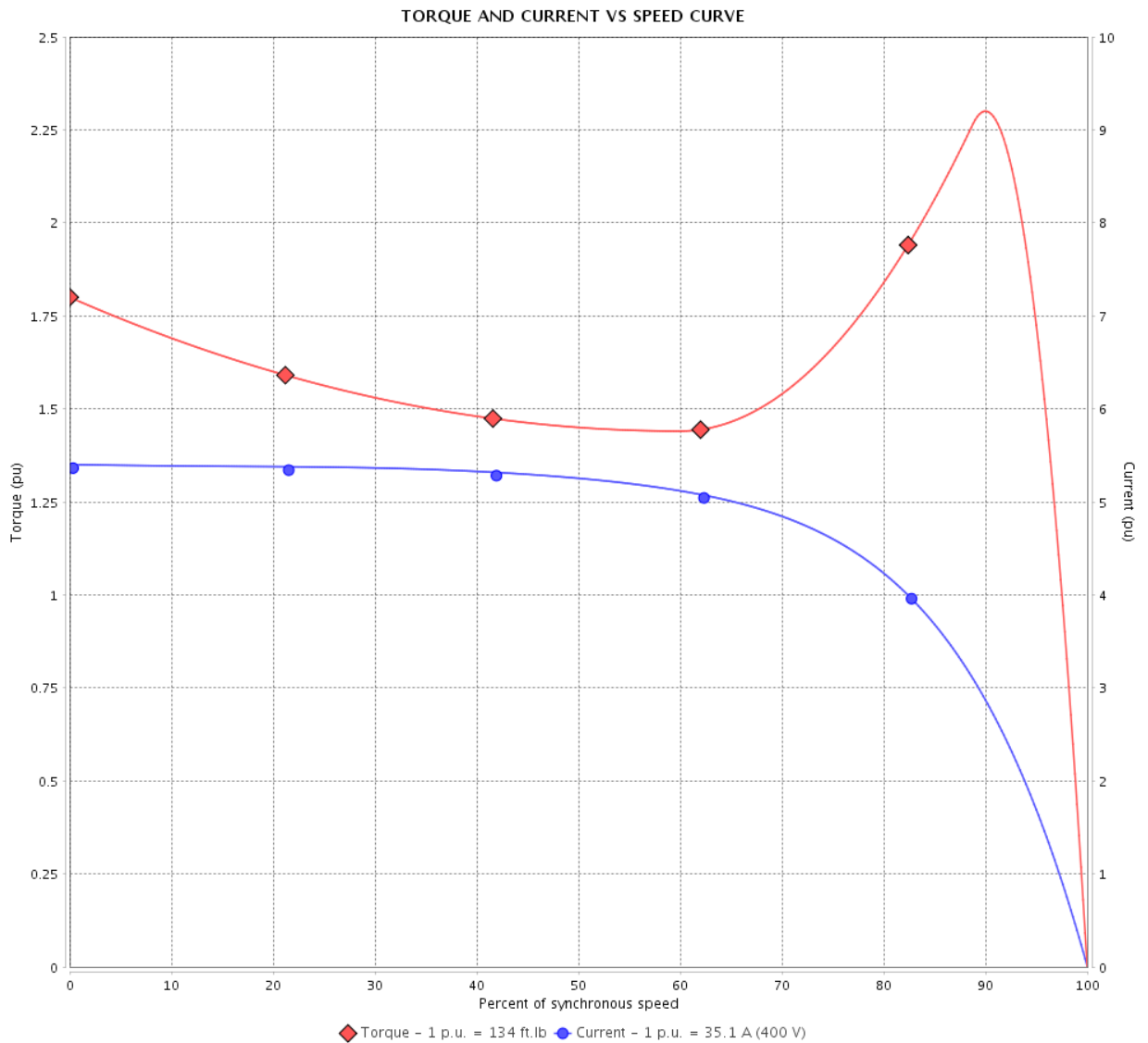
Three Phase Induction Motor - Squirrel Cage

Customer :

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Product code : 12605578

Catalog # : 02512ET3E324JP-W22



Performance : 400 V 50 Hz 6P IE3

Rated current	: 35.1 A	Moment of inertia (J)	: 11.5 sq.ft.lb
LRC	: 5.4	Duty cycle	: Cont.(S1)
Rated torque	: 134 ft.lb	Insulation class	: F
Locked rotor torque	: 180 %	Service factor	: 1.15
Breakdown torque	: 229 %	Temperature rise	: 80 K
Rated speed	: 980 rpm	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



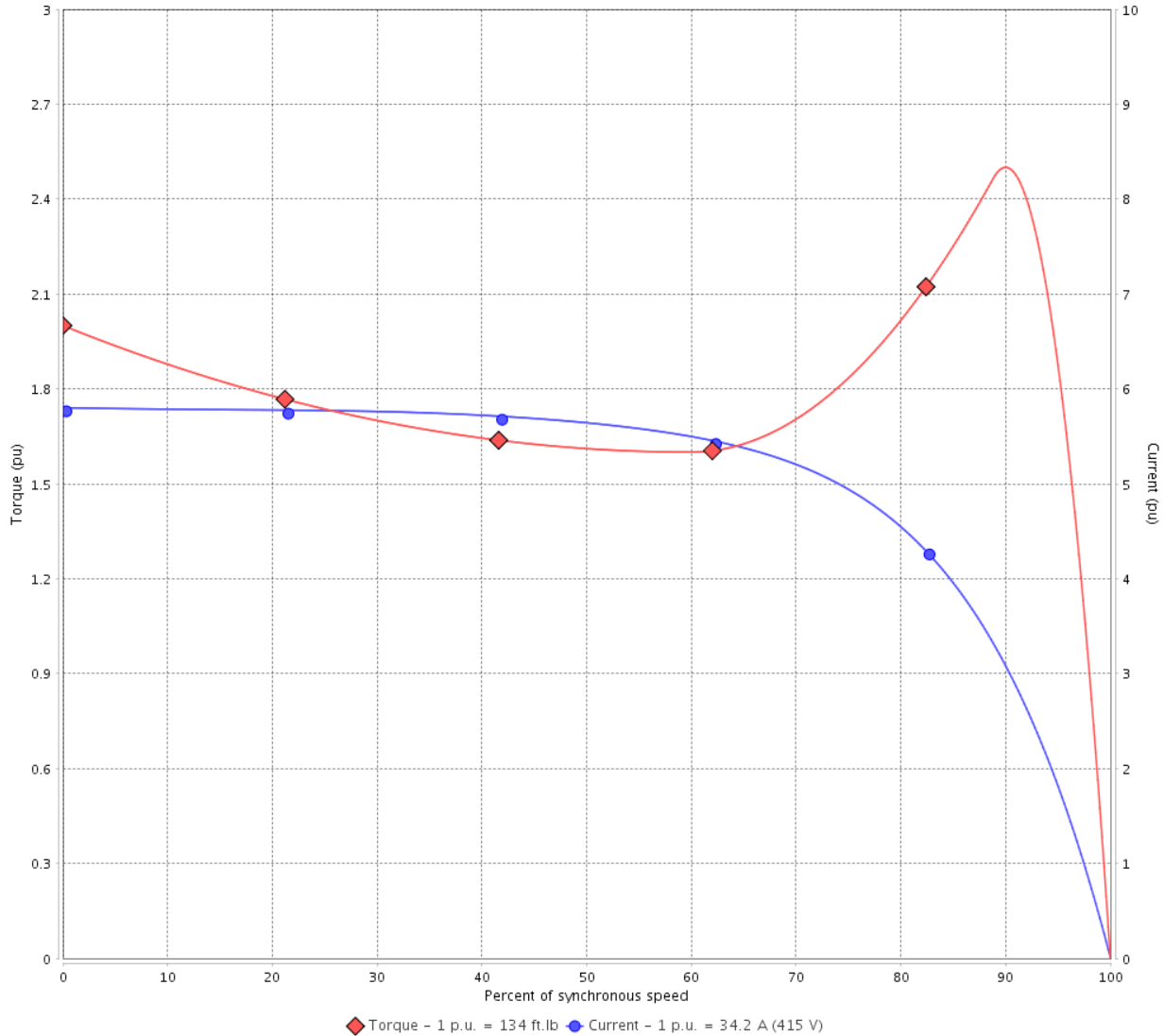
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TORQUE AND CURRENT VS SPEED CURVE



Performance : 415 V 50 Hz 6P IE3

Rated current	: 34.2 A	Moment of inertia (J)	: 11.5 sq.ft.lb
LRC	: 5.8	Duty cycle	: Cont.(S1)
Rated torque	: 134 ft.lb	Insulation class	: F
Locked rotor torque	: 200 %	Service factor	: 1.15
Breakdown torque	: 250 %	Temperature rise	: 80 K
Rated speed	: 980 rpm	Design	: B

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

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Three Phase Induction Motor - Squirrel Cage

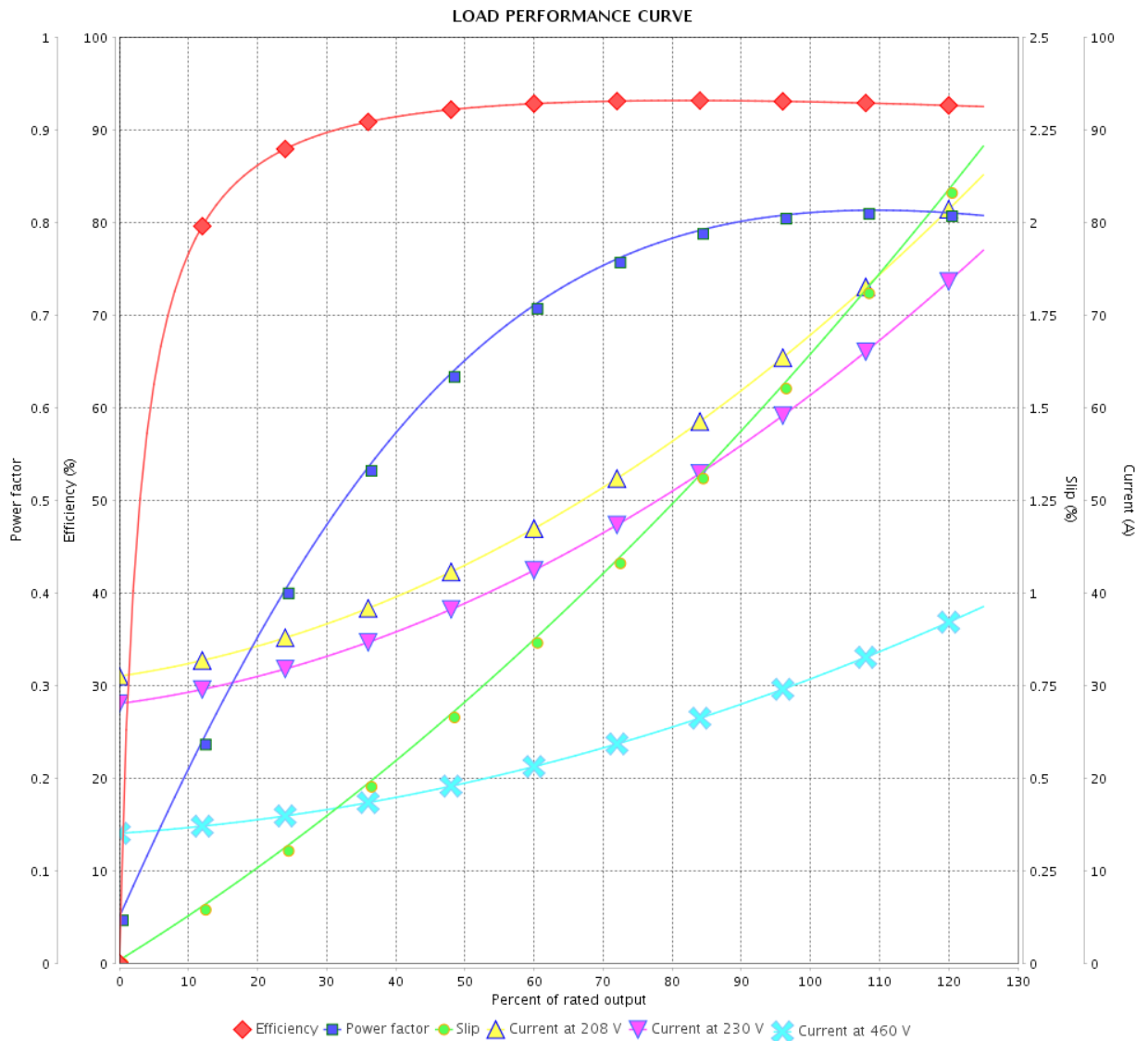


Customer :

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Product code : 12605578

Catalog # : 02512ET3E324JP-W22



Performance : 230/460 V 60 Hz 6P

Rated current : 61.6/30.8 A
 LRC : 6.2
 Rated torque : 111 ft.lb
 Locked rotor torque : 210 %
 Breakdown torque : 260 %
 Rated speed : 1180 rpm

Moment of inertia (J) : 11.5 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



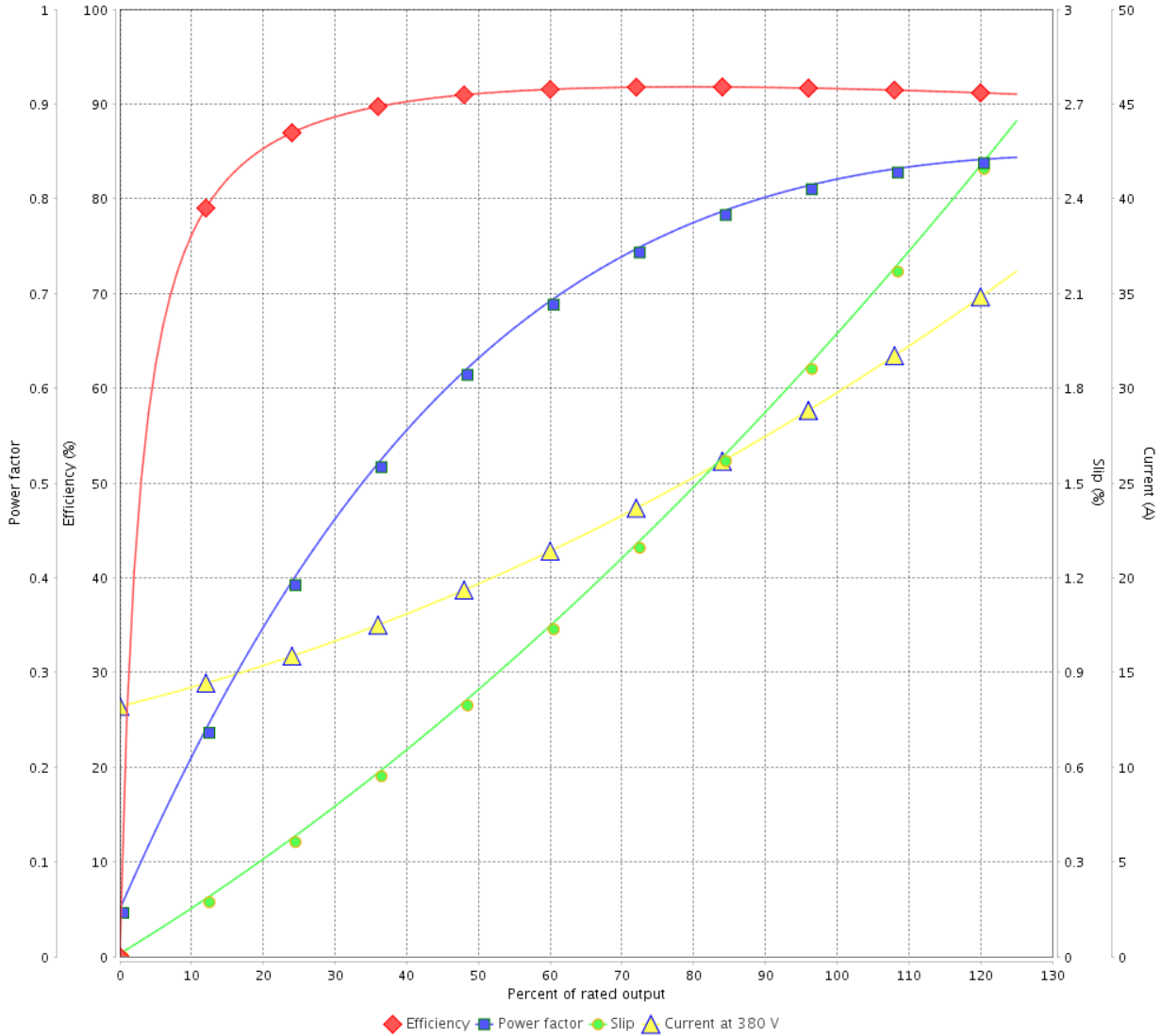
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Performance : 380 V 50 Hz 6P IE3

Rated current : 30.3 A
 LRC : 6.0
 Rated torque : 107 ft.lb
 Locked rotor torque : 200 %
 Breakdown torque : 250 %
 Rated speed : 980 rpm

Moment of inertia (J) : 11.5 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : B

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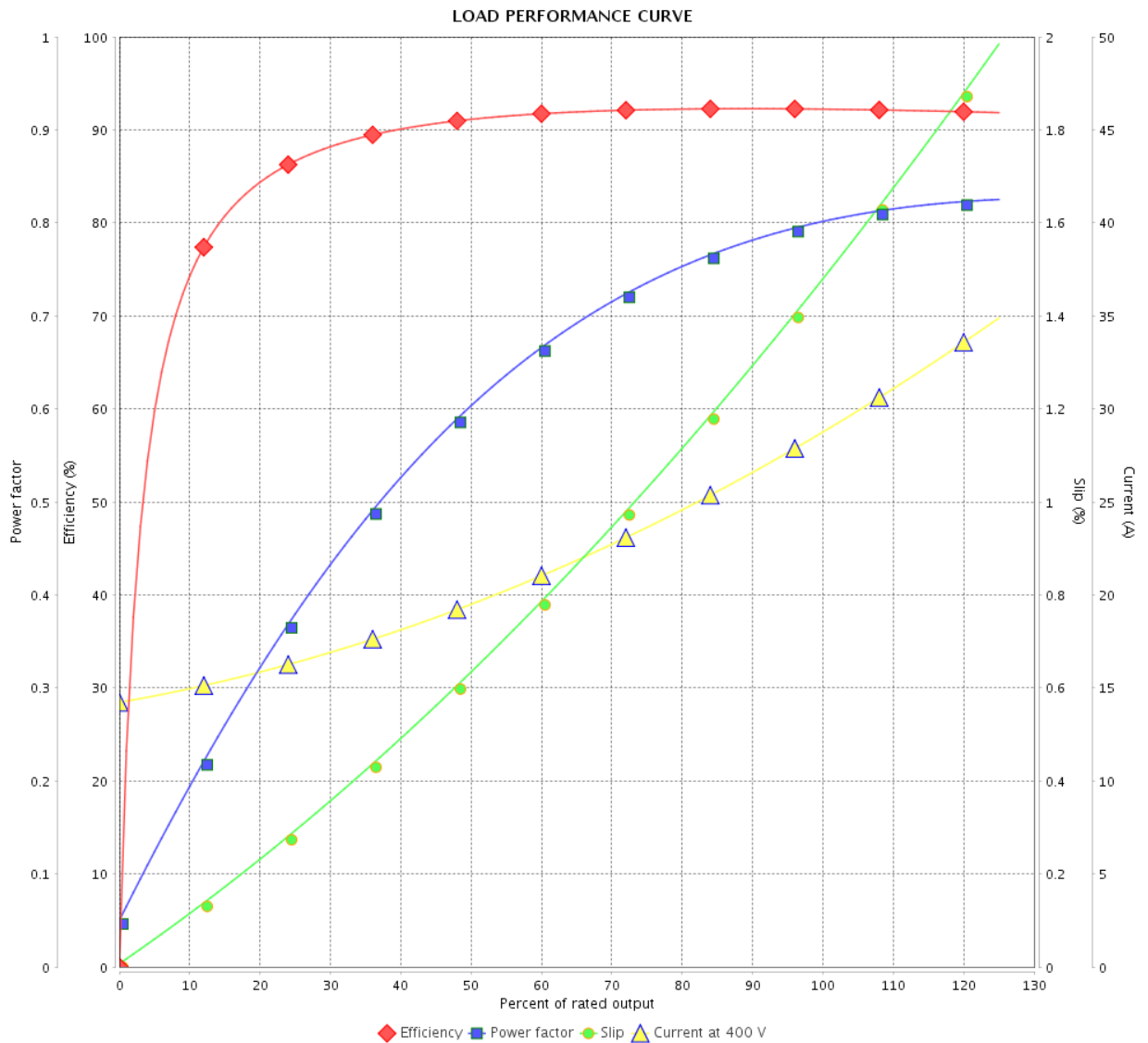


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Performance : 400 V 50 Hz 6P IE3

Rated current : 29.4 A
 LRC : 6.5
 Rated torque : 107 ft.lb
 Locked rotor torque : 229 %
 Breakdown torque : 290 %
 Rated speed : 985 rpm

Moment of inertia (J) : 11.5 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



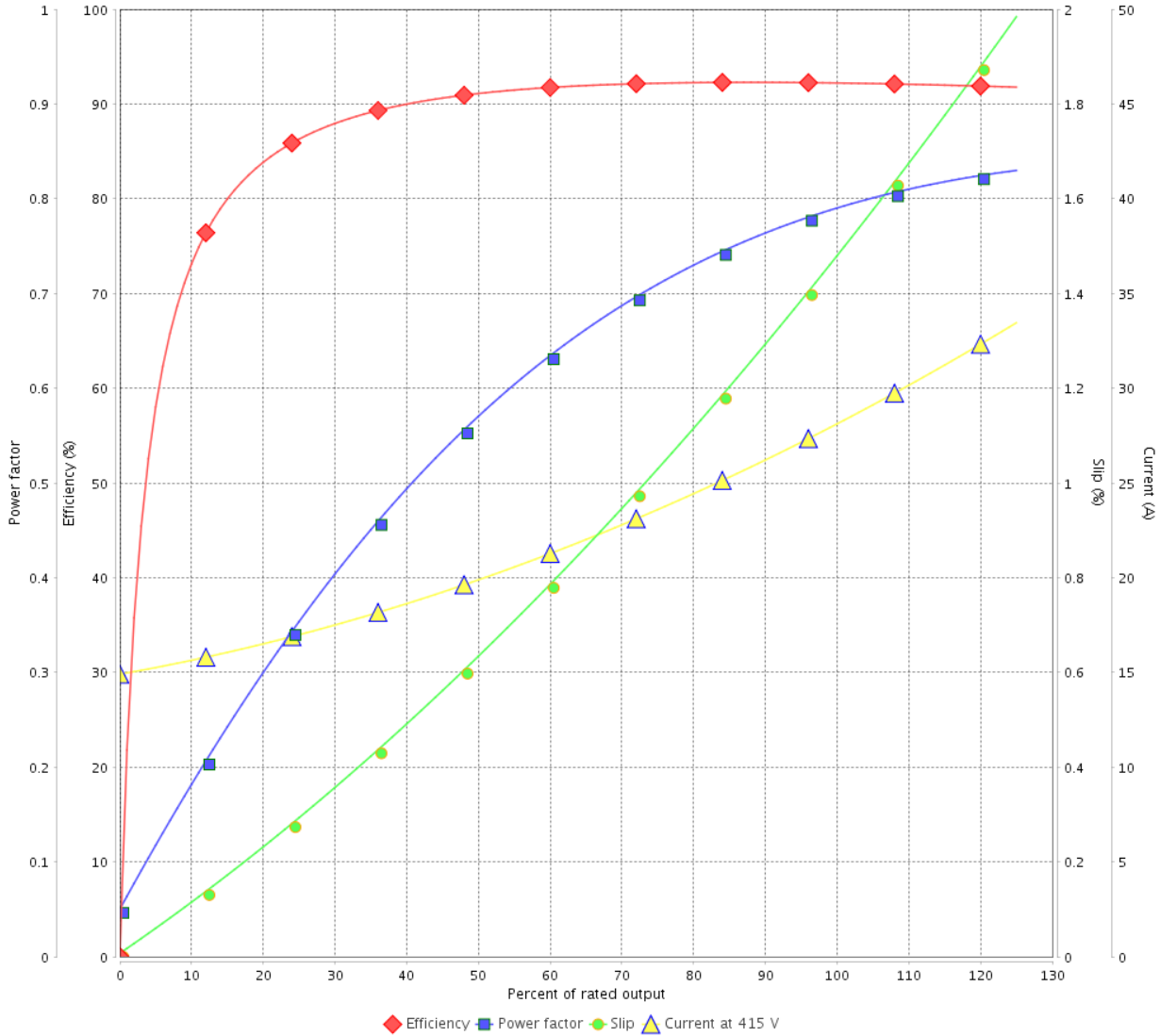
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Performance : 415 V 50 Hz 6P IE3

Rated current : 28.6 A
 LRC : 7.0
 Rated torque : 107 ft.lb
 Locked rotor torque : 250 %
 Breakdown torque : 310 %
 Rated speed : 985 rpm

Moment of inertia (J) : 11.5 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

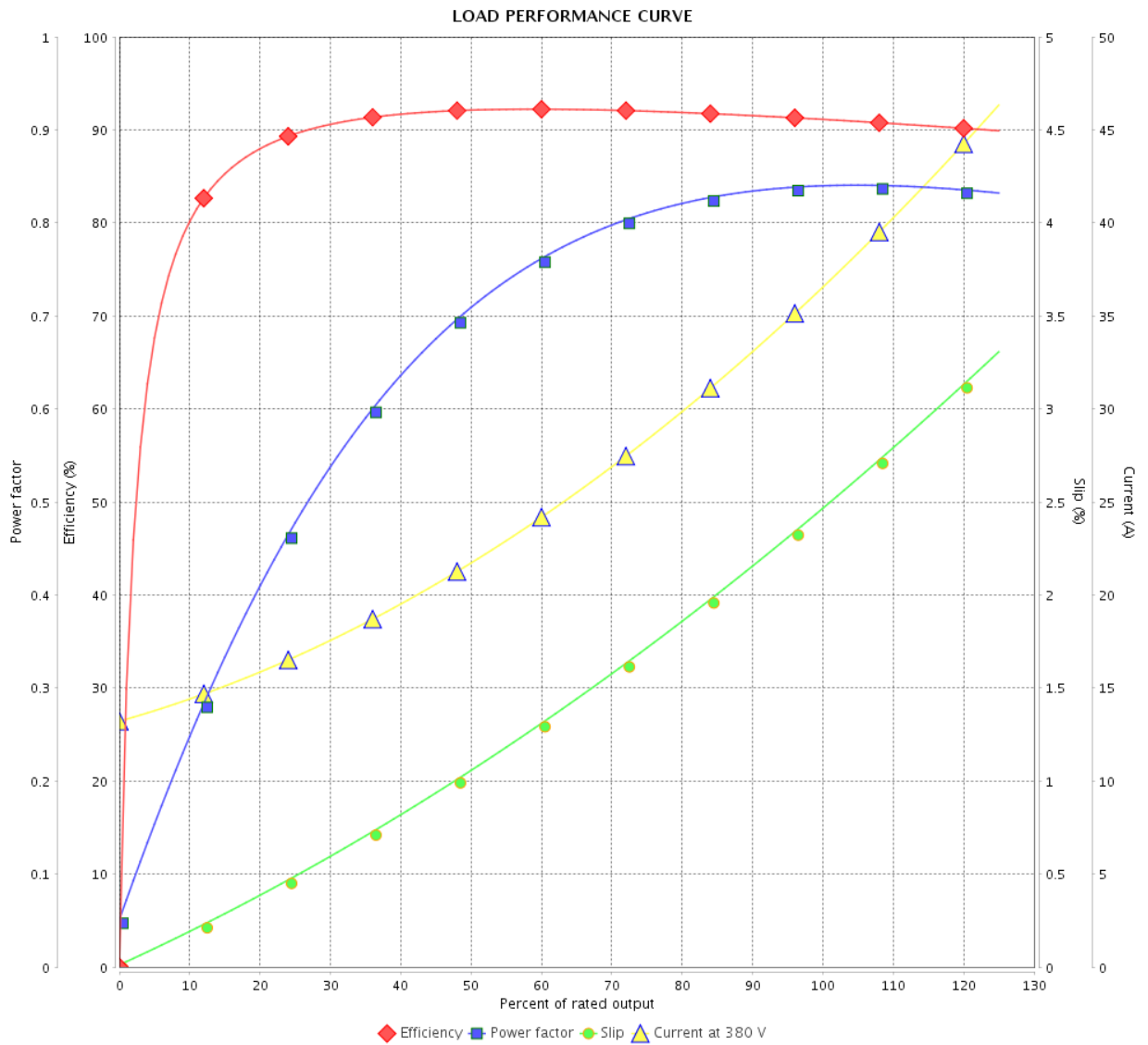


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Product line : NEMA Premium Efficiency Three-Phase

Product code : 12605578

Catalog # : 02512ET3E324JP-W22



Performance : 380 V 50 Hz 6P IE2

Rated current : 36.8 A
 LRC : 4.9
 Rated torque : 135 ft.lb
 Locked rotor torque : 160 %
 Breakdown torque : 200 %
 Rated speed : 975 rpm

Moment of inertia (J) : 11.5 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : B

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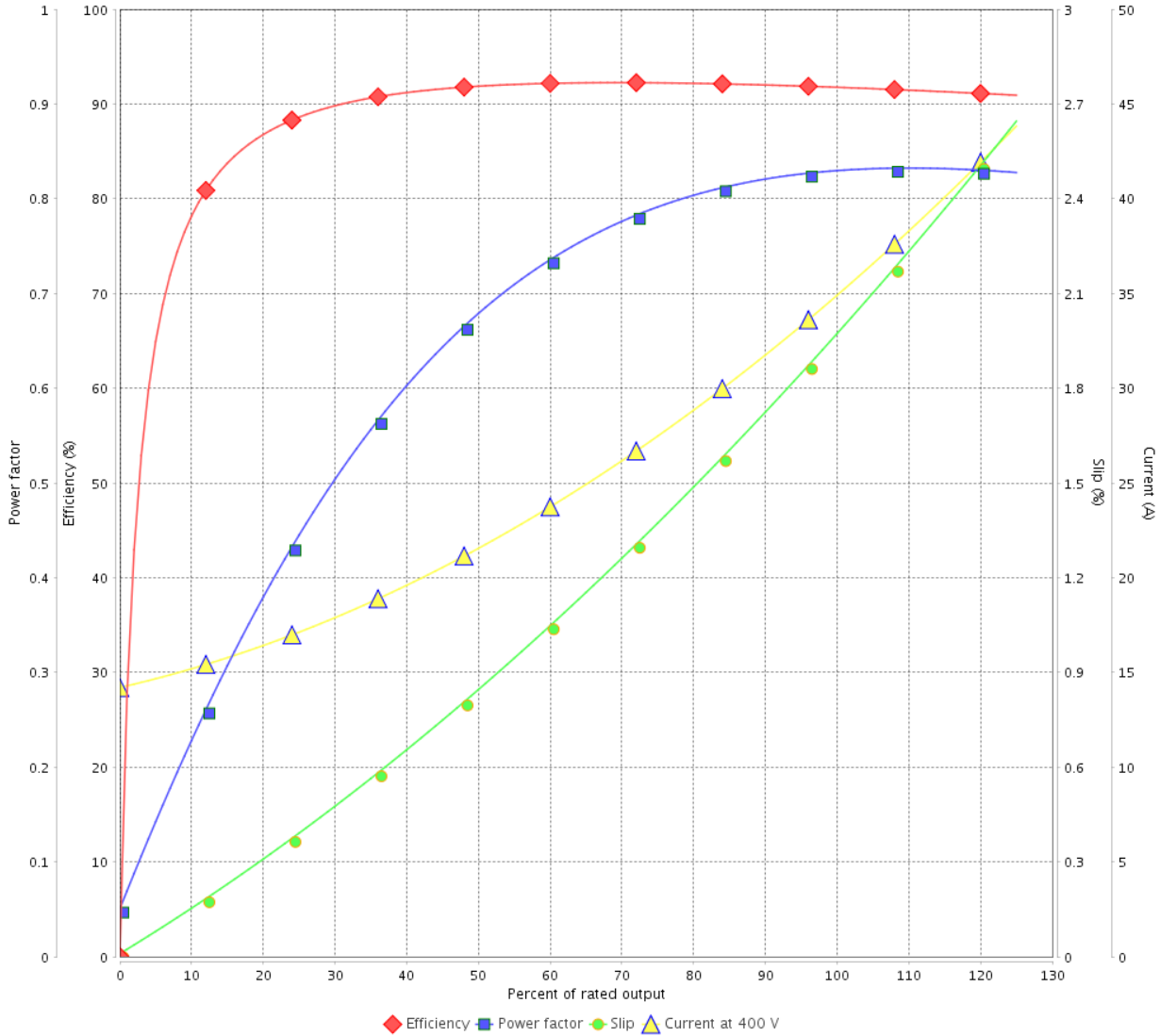
Customer :

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Performance : 400 V 50 Hz 6P IE3

Rated current : 35.1 A
 LRC : 5.4
 Rated torque : 134 ft.lb
 Locked rotor torque : 180 %
 Breakdown torque : 229 %
 Rated speed : 980 rpm

Moment of inertia (J) : 11.5 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 Temperature rise : 80 K
 Design : B

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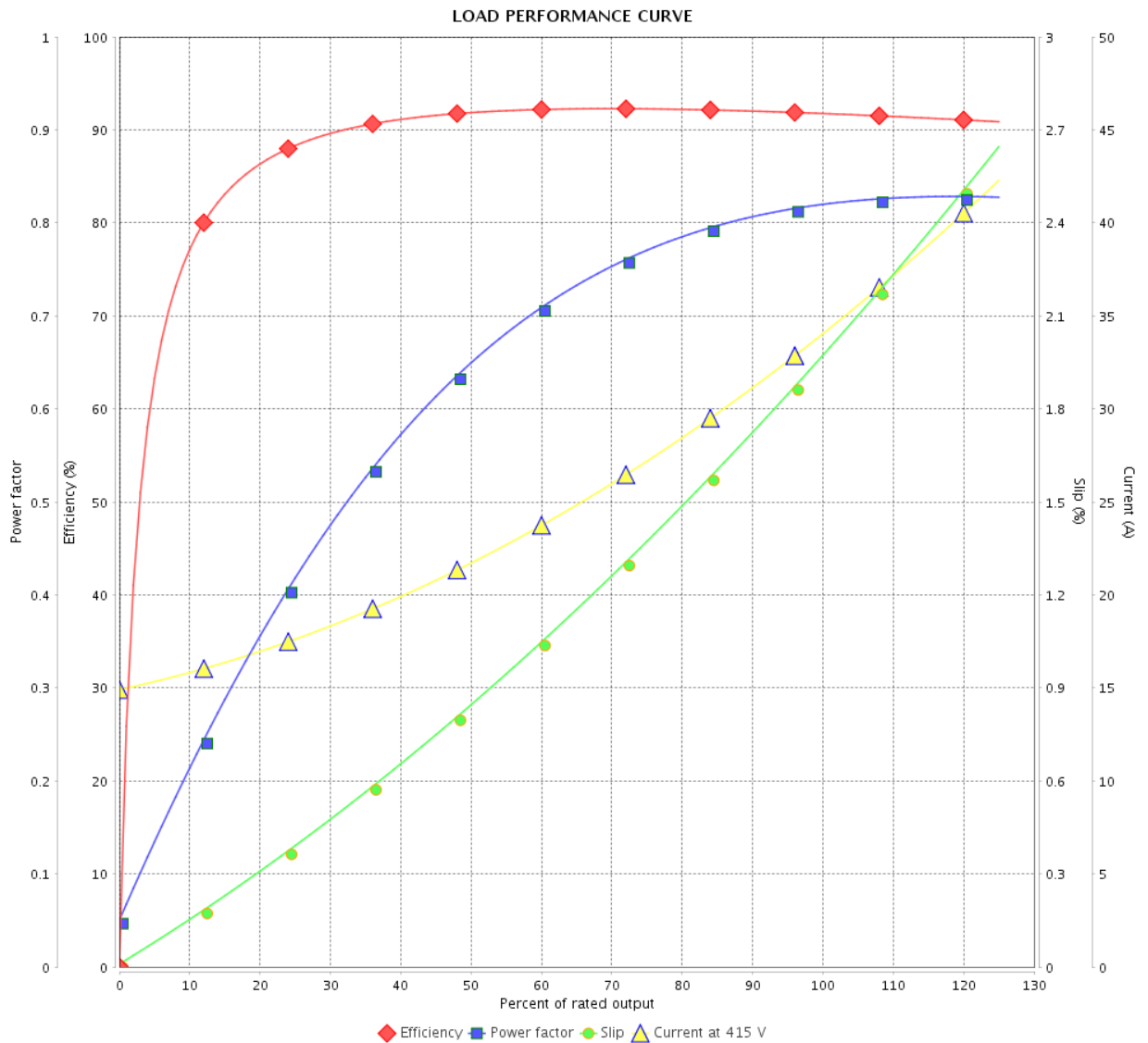


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12605578

Catalog # : 02512ET3E324JP-W22



Performance : 415 V 50 Hz 6P IE3

Rated current : 34.2 A
 LRC : 5.8
 Rated torque : 134 ft.lb
 Locked rotor torque : 200 %
 Breakdown torque : 250 %
 Rated speed : 980 rpm

Moment of inertia (J) : 11.5 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 : 12605578
Catalog # : 02512ET3E324JP-W22

Performance : 230/460 V 60 Hz 6P

Rated current	: 61.6/30.8 A	Moment of inertia (J)	: 11.5 sq.ft.lb
LRC	: 6.2	Duty cycle	: Cont.(S1)
Rated torque	: 111 ft.lb	Insulation class	: F
Locked rotor torque	: 210 %	Service factor	: 1.25
Breakdown torque	: 260 %	Temperature rise	: 80 K
Rated speed	: 1180 rpm	Design	: B

Heating constant

Cooling constant

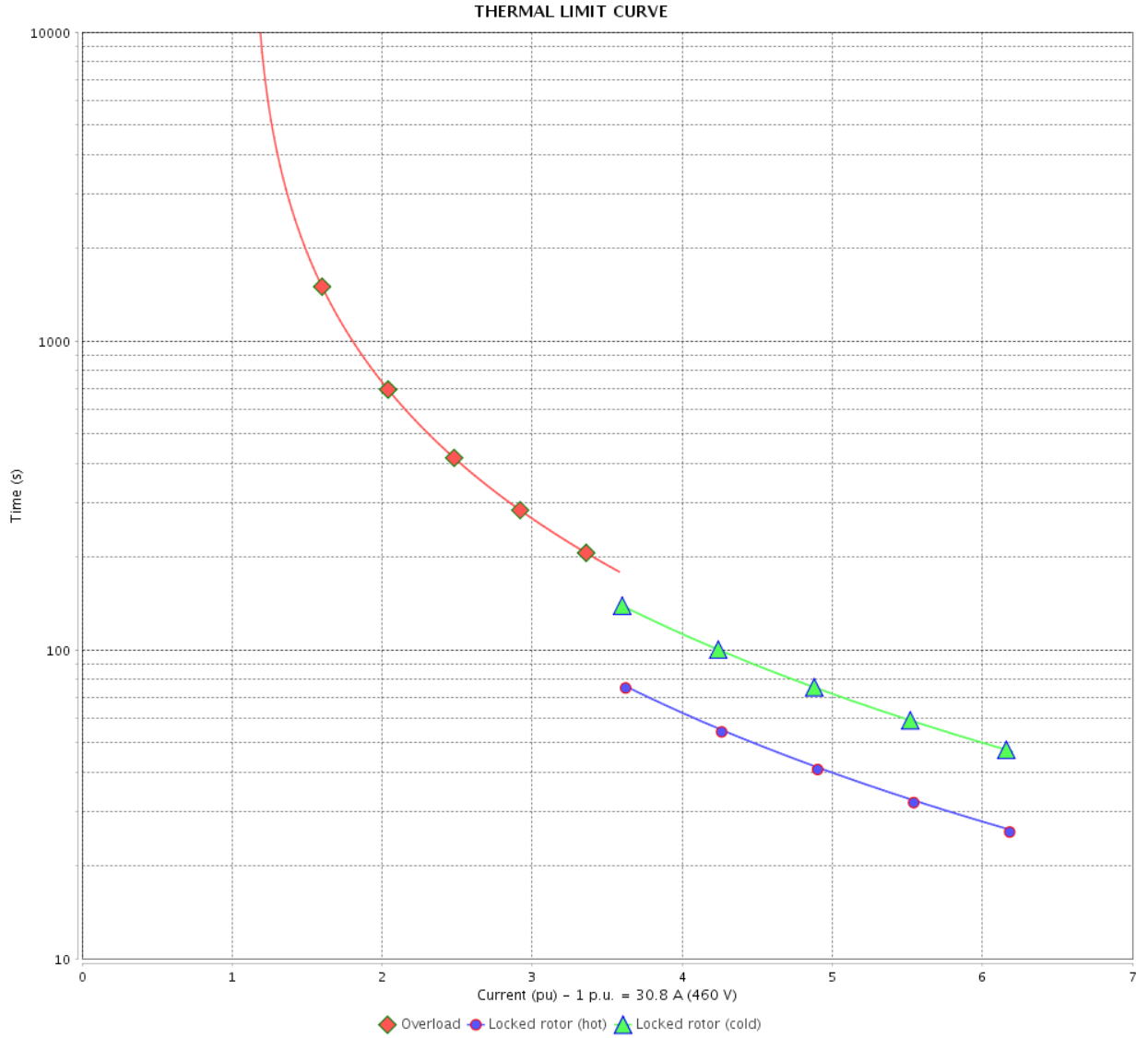
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Three Phase Induction Motor - Squirrel Cage



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THERMAL LIMIT CURVE

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Customer :

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Performance : 380 V 50 Hz 6P IE3

Rated current	: 30.3 A	Moment of inertia (J)	: 11.5 sq.ft.lb
LRC	: 6.0	Duty cycle	: Cont.(S1)
Rated torque	: 107 ft.lb	Insulation class	: F
Locked rotor torque	: 200 %	Service factor	: 1.00
Breakdown torque	: 250 %	Temperature rise	: 80 K
Rated speed	: 980 rpm	Design	: B

Heating constant

Cooling constant

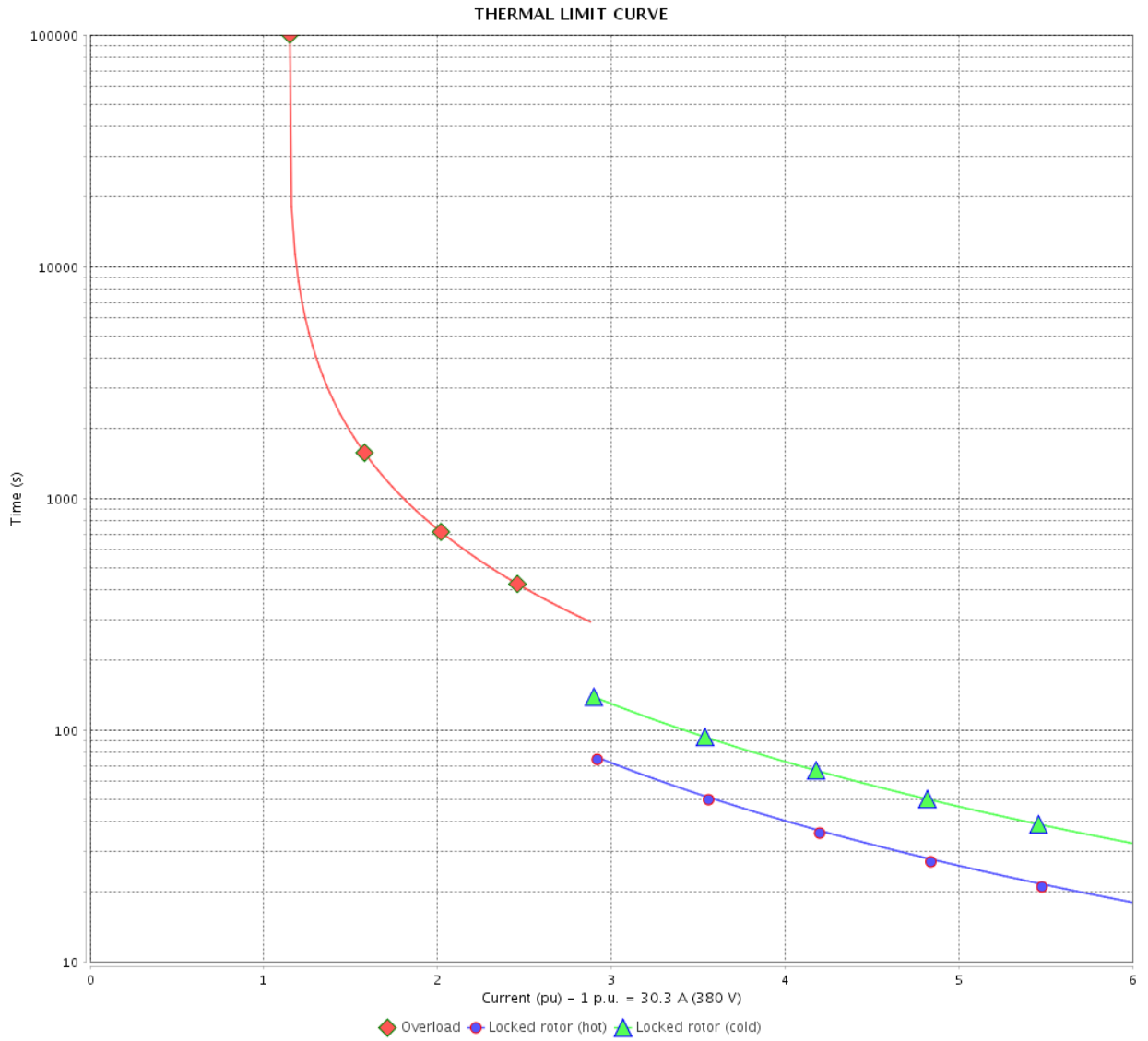
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Customer :

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Performance : 400 V 50 Hz 6P IE3

Rated current	: 29.4 A	Moment of inertia (J)	: 11.5 sq.ft.lb
LRC	: 6.5	Duty cycle	: Cont.(S1)
Rated torque	: 107 ft.lb	Insulation class	: F
Locked rotor torque	: 229 %	Service factor	: 1.15
Breakdown torque	: 290 %	Temperature rise	: 80 K
Rated speed	: 985 rpm	Design	: B

Heating constant

Cooling constant

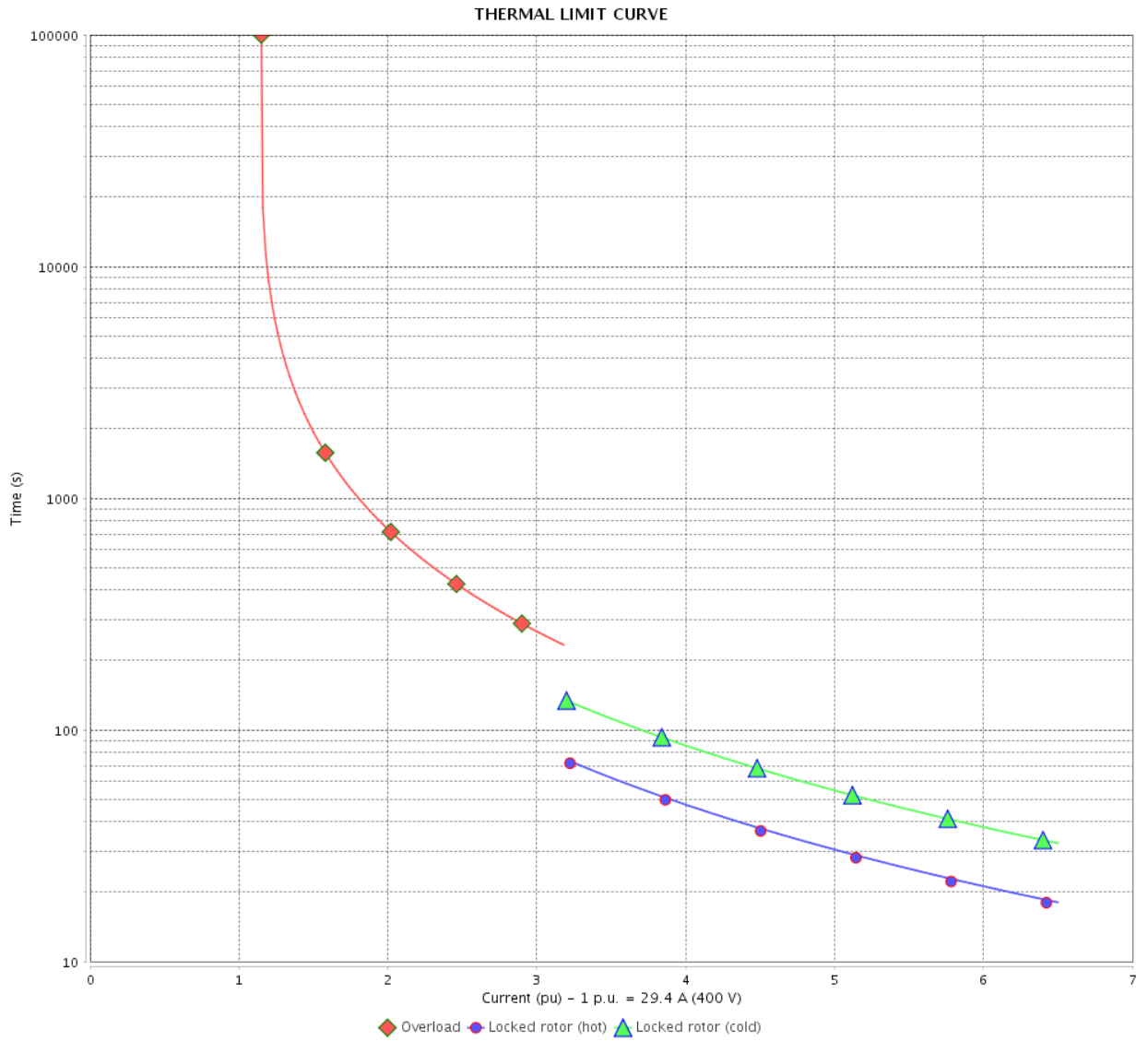
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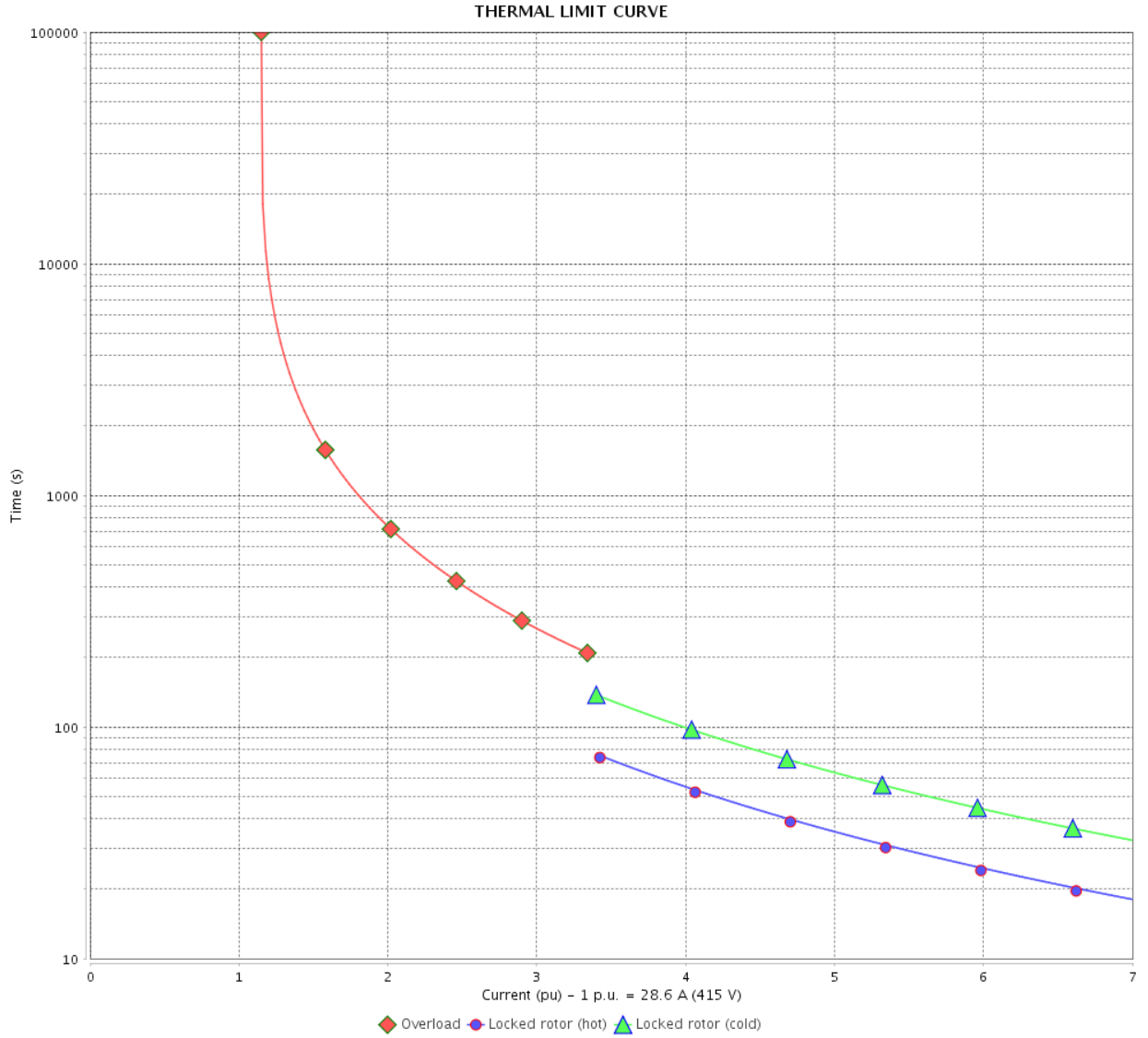
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Performance : 380 V 50 Hz 6P IE2

Rated current	: 36.8 A	Moment of inertia (J)	: 11.5 sq.ft.lb
LRC	: 4.9	Duty cycle	: Cont.(S1)
Rated torque	: 135 ft.lb	Insulation class	: F
Locked rotor torque	: 160 %	Service factor	: 1.00
Breakdown torque	: 200 %	Temperature rise	: 80 K
Rated speed	: 975 rpm	Design	: B

Heating constant

Cooling constant

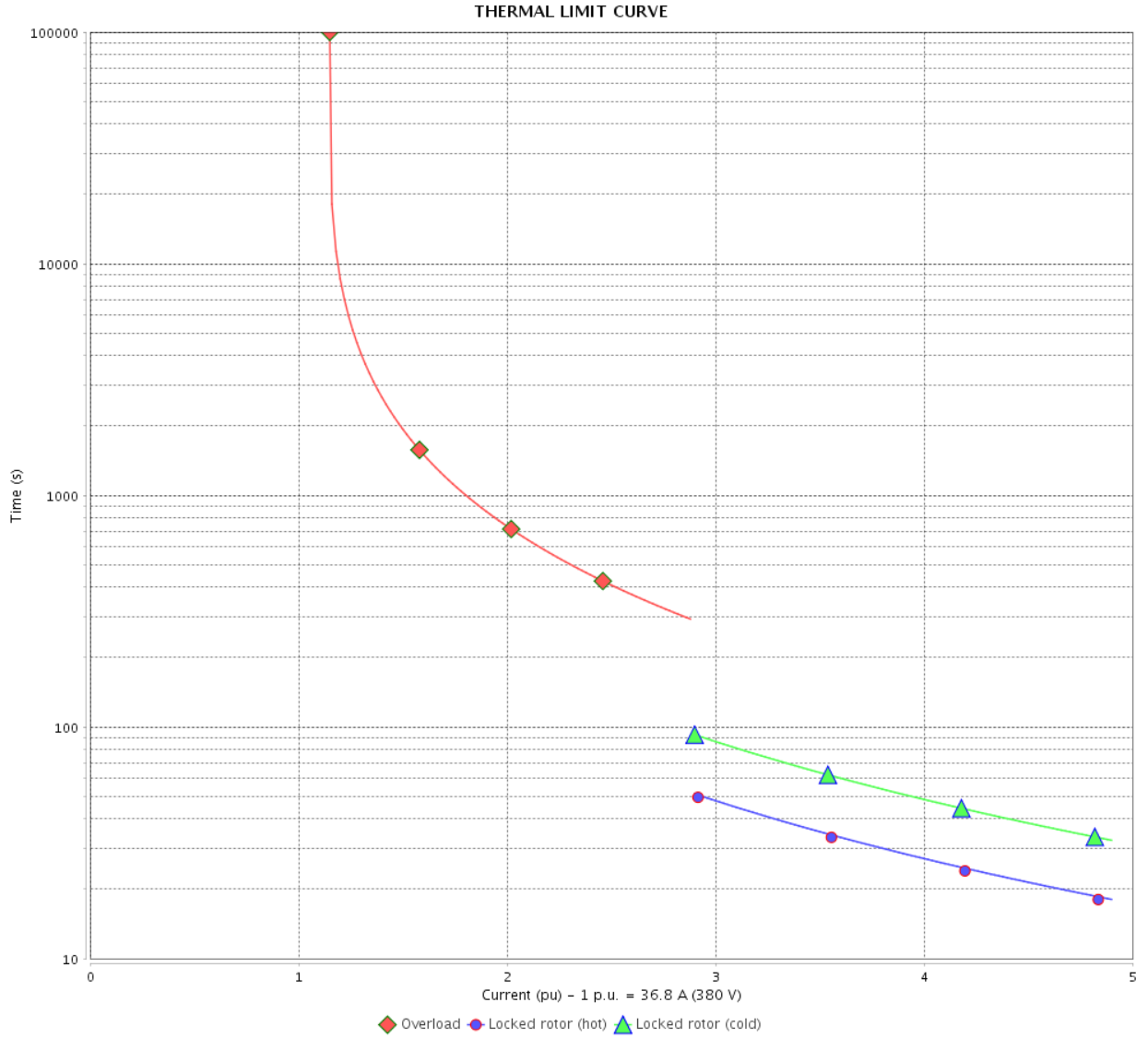
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Performance : 400 V 50 Hz 6P IE3

Rated current	: 35.1 A	Moment of inertia (J)	: 11.5 sq.ft.lb
LRC	: 5.4	Duty cycle	: Cont.(S1)
Rated torque	: 134 ft.lb	Insulation class	: F
Locked rotor torque	: 180 %	Service factor	: 1.15
Breakdown torque	: 229 %	Temperature rise	: 80 K
Rated speed	: 980 rpm	Design	: B

Heating constant

Cooling constant

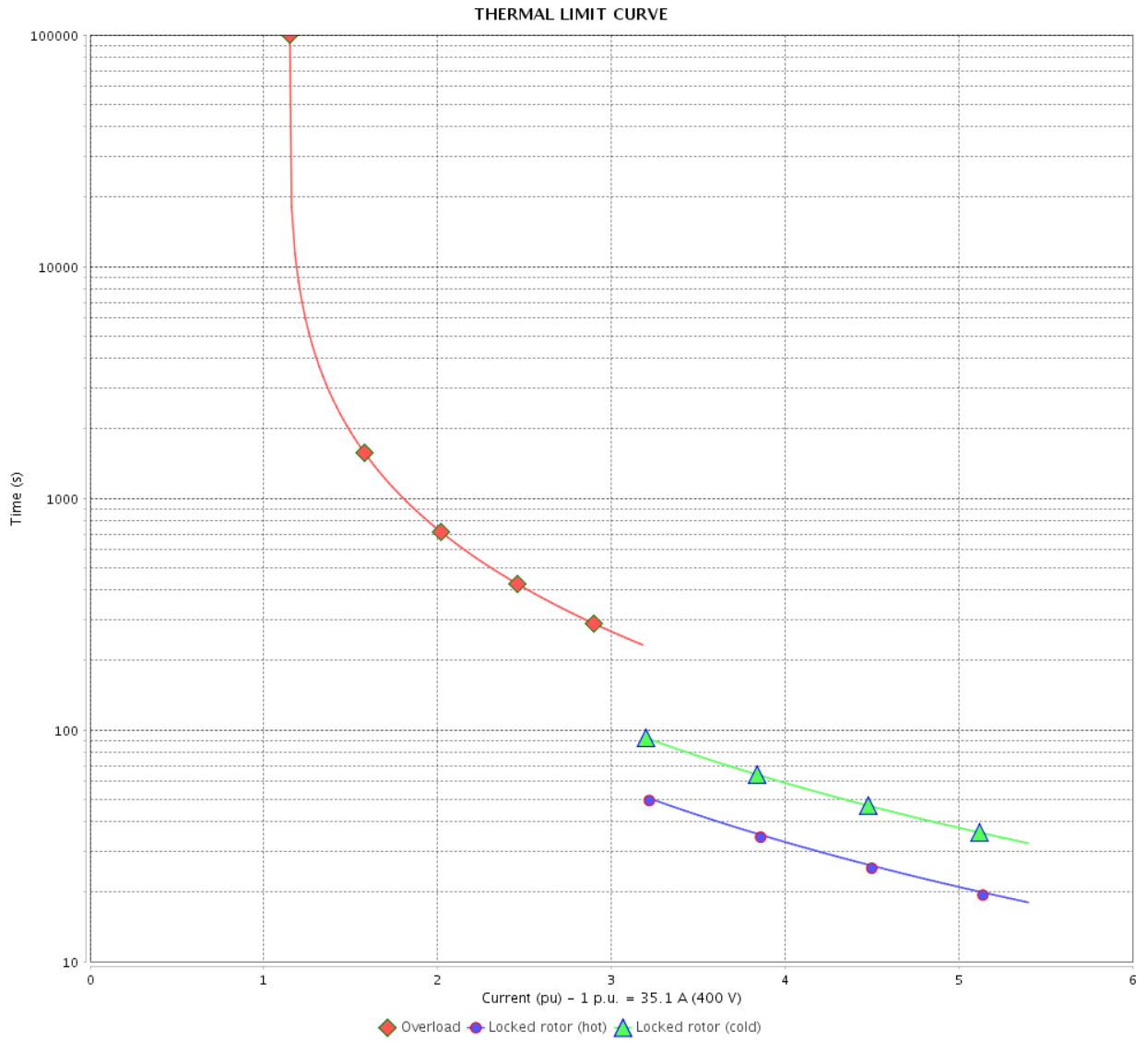
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
Date	13/04/2022		26 / 36	

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____



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

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase
Product code : 12605578
Catalog # : 02512ET3E324JP-W22

Performance : 415 V 50 Hz 6P IE3

Rated current	: 34.2 A	Moment of inertia (J)	: 11.5 sq.ft.lb
LRC	: 5.8	Duty cycle	: Cont.(S1)
Rated torque	: 134 ft.lb	Insulation class	: F
Locked rotor torque	: 200 %	Service factor	: 1.15
Breakdown torque	: 250 %	Temperature rise	: 80 K
Rated speed	: 980 rpm	Design	: B

Heating constant

Cooling constant

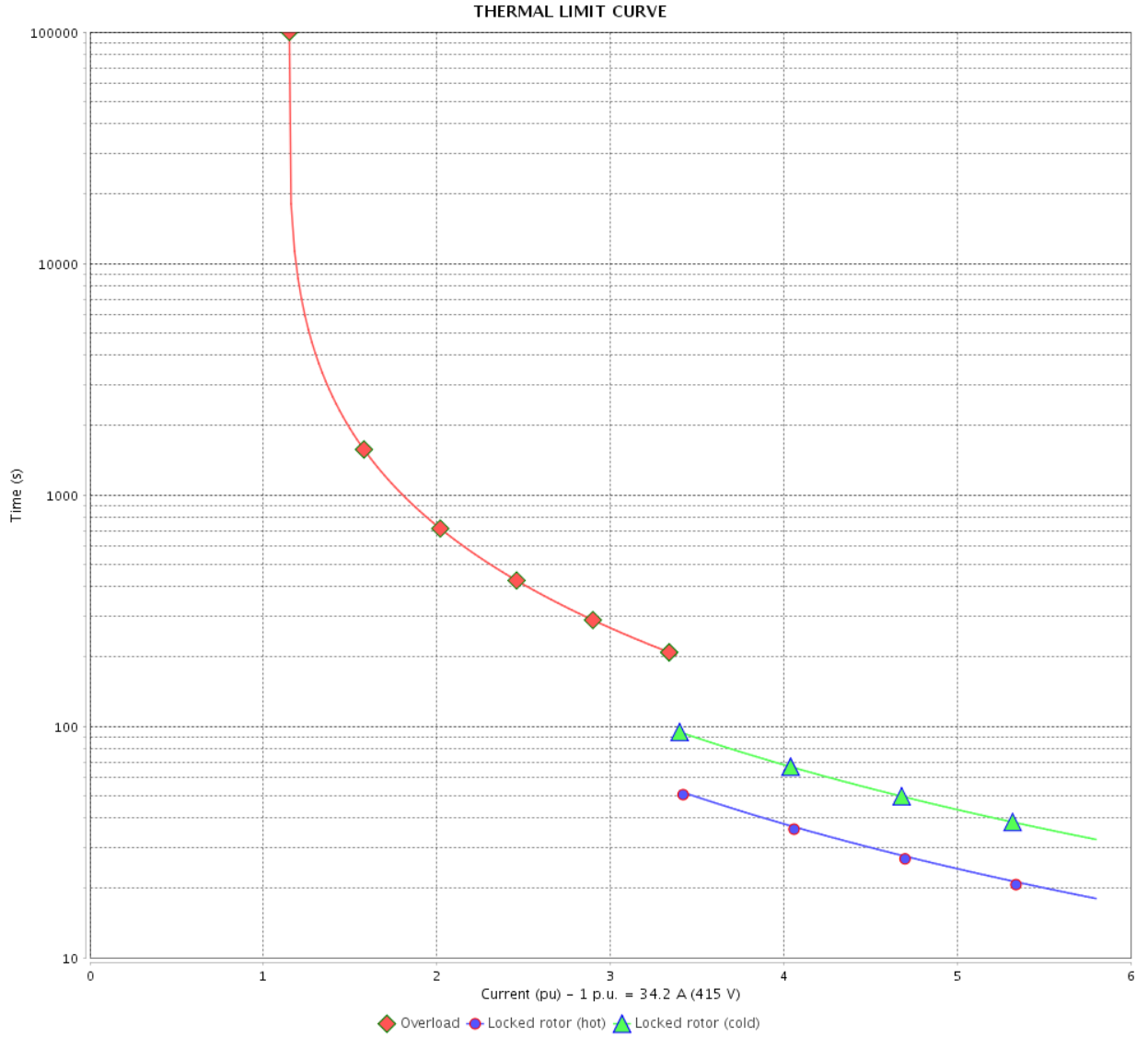
Rev.	Changes Summary	Performed	Checked	Date
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Date	13/04/2022		28 / 36	

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

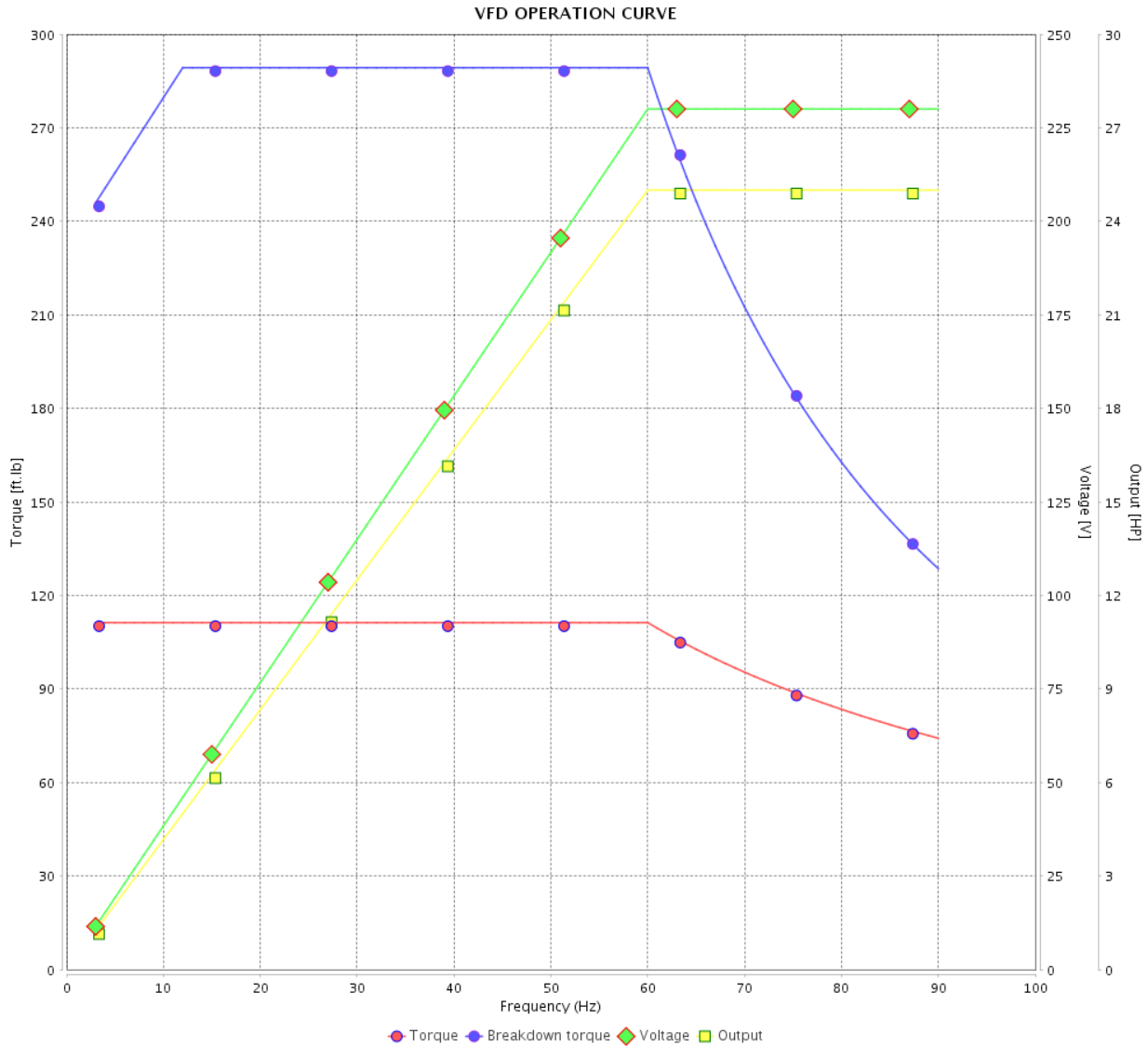


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12605578

Catalog # : 02512ET3E324JP-W22



Performance : 230/460 V 60 Hz 6P

Rated current : 61.6/30.8 A
 LRC : 6.2
 Rated torque : 111 ft.lb
 Locked rotor torque : 210 %
 Breakdown torque : 260 %
 Rated speed : 1180 rpm

Moment of inertia (J) : 11.5 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 30 / 36	Revision
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Date	13/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

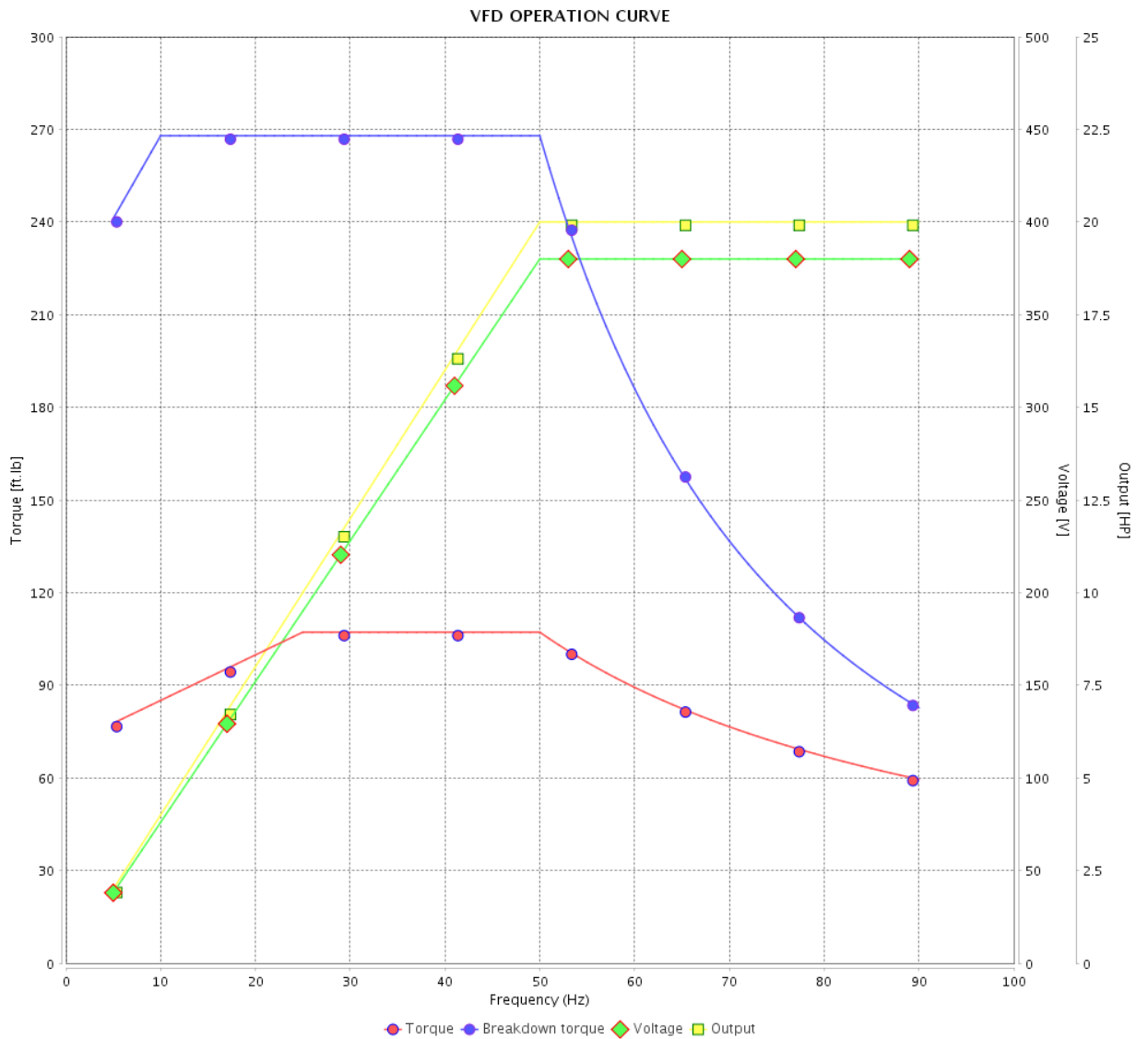


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12605578

Catalog # : 02512ET3E324JP-W22



Performance : 380 V 50 Hz 6P IE3

Rated current : 30.3 A
 LRC : 6.0
 Rated torque : 107 ft.lb
 Locked rotor torque : 200 %
 Breakdown torque : 250 %
 Rated speed : 980 rpm

Moment of inertia (J) : 11.5 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		Revision
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Date	13/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



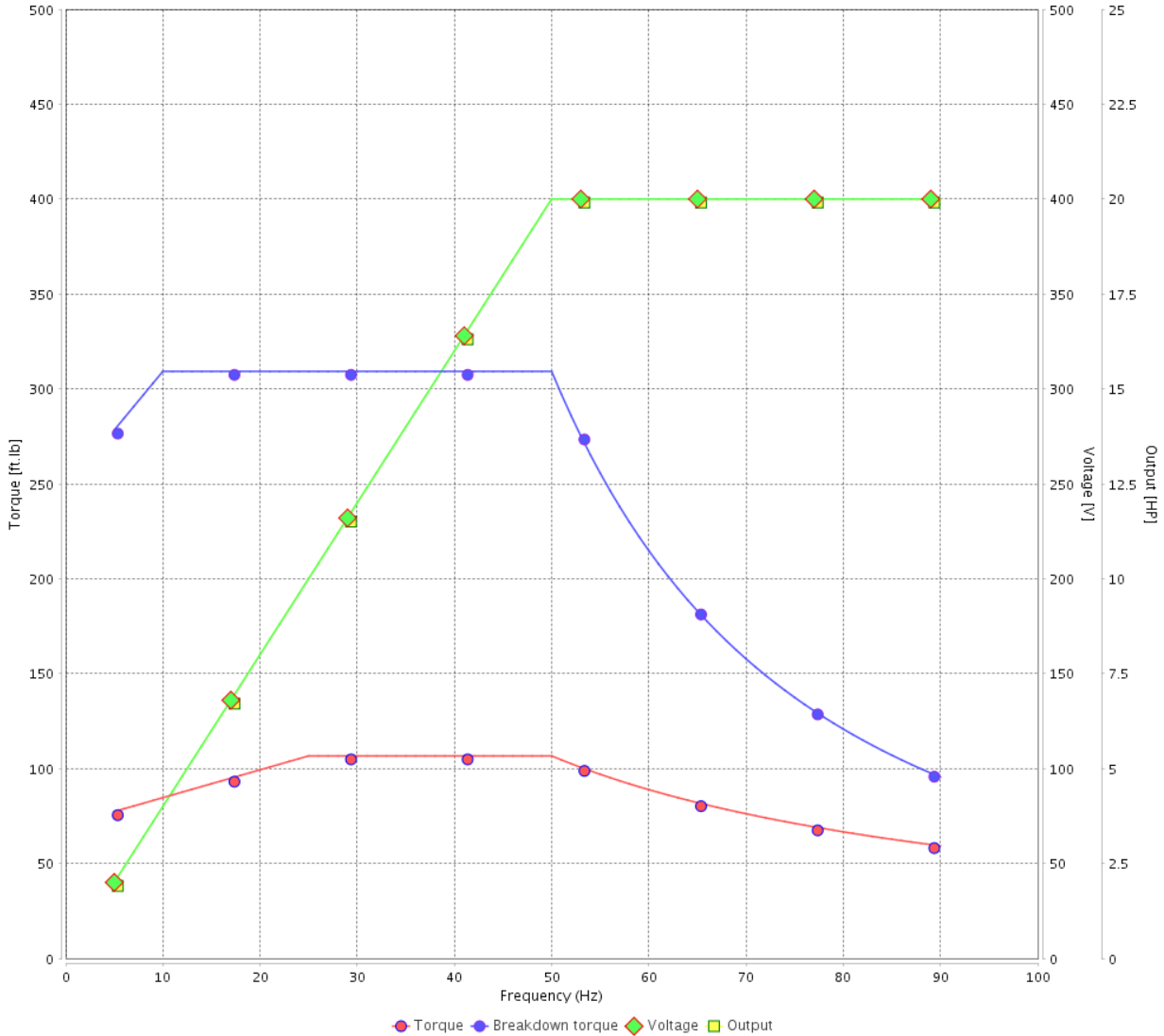
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12605578

Catalog # : 02512ET3E324JP-W22

VFD OPERATION CURVE



Performance : 400 V 50 Hz 6P IE3

Rated current : 29.4 A
 LRC : 6.5
 Rated torque : 107 ft.lb
 Locked rotor torque : 229 %
 Breakdown torque : 290 %
 Rated speed : 985 rpm

Moment of inertia (J) : 11.5 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
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Date	13/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

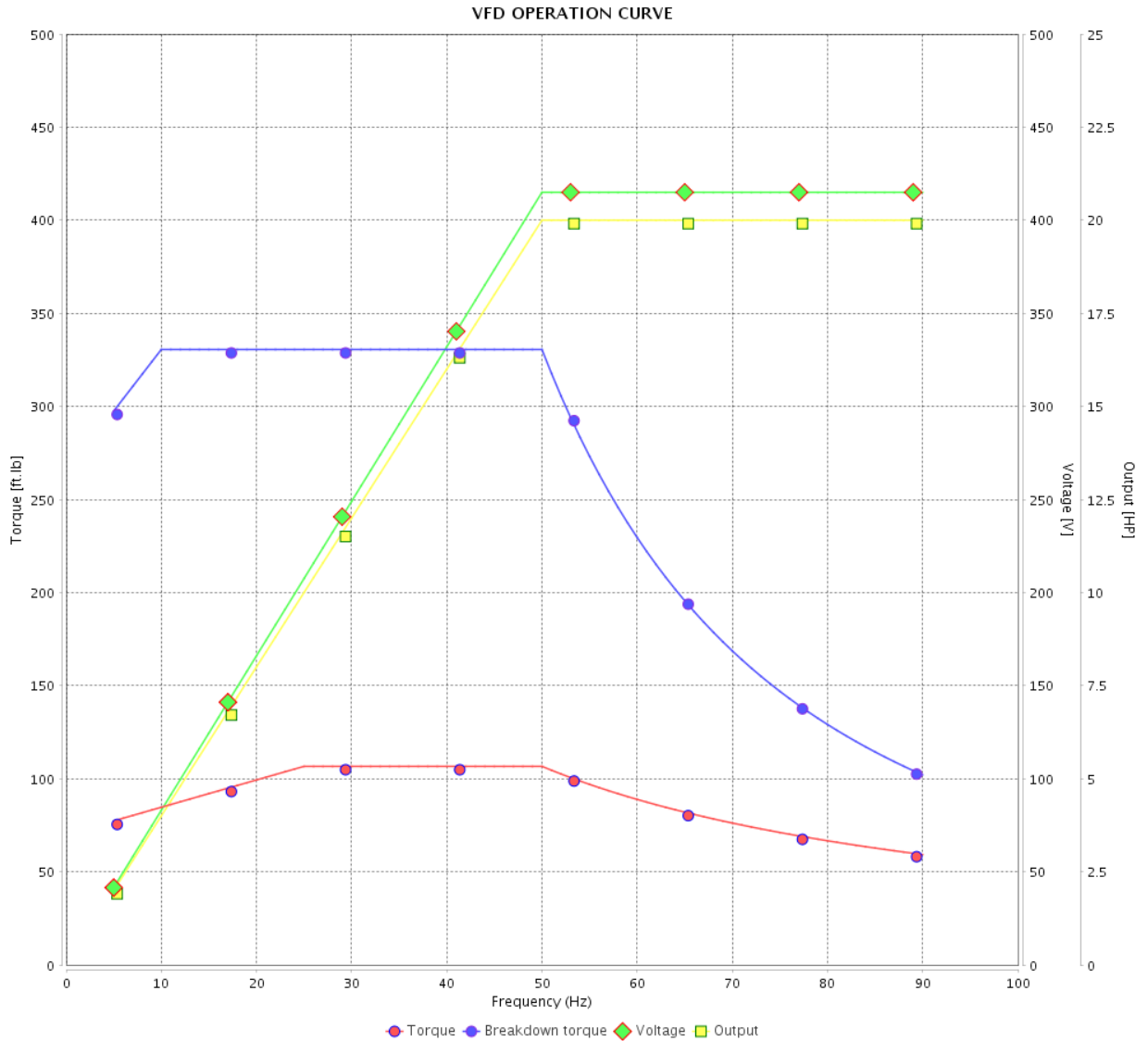


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12605578

Catalog # : 02512ET3E324JP-W22



Performance : 415 V 50 Hz 6P IE3

Rated current : 28.6 A
 LRC : 7.0
 Rated torque : 107 ft.lb
 Locked rotor torque : 250 %
 Breakdown torque : 310 %
 Rated speed : 985 rpm

Moment of inertia (J) : 11.5 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 Temperature rise : 80 K
 Design : B

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Date	13/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



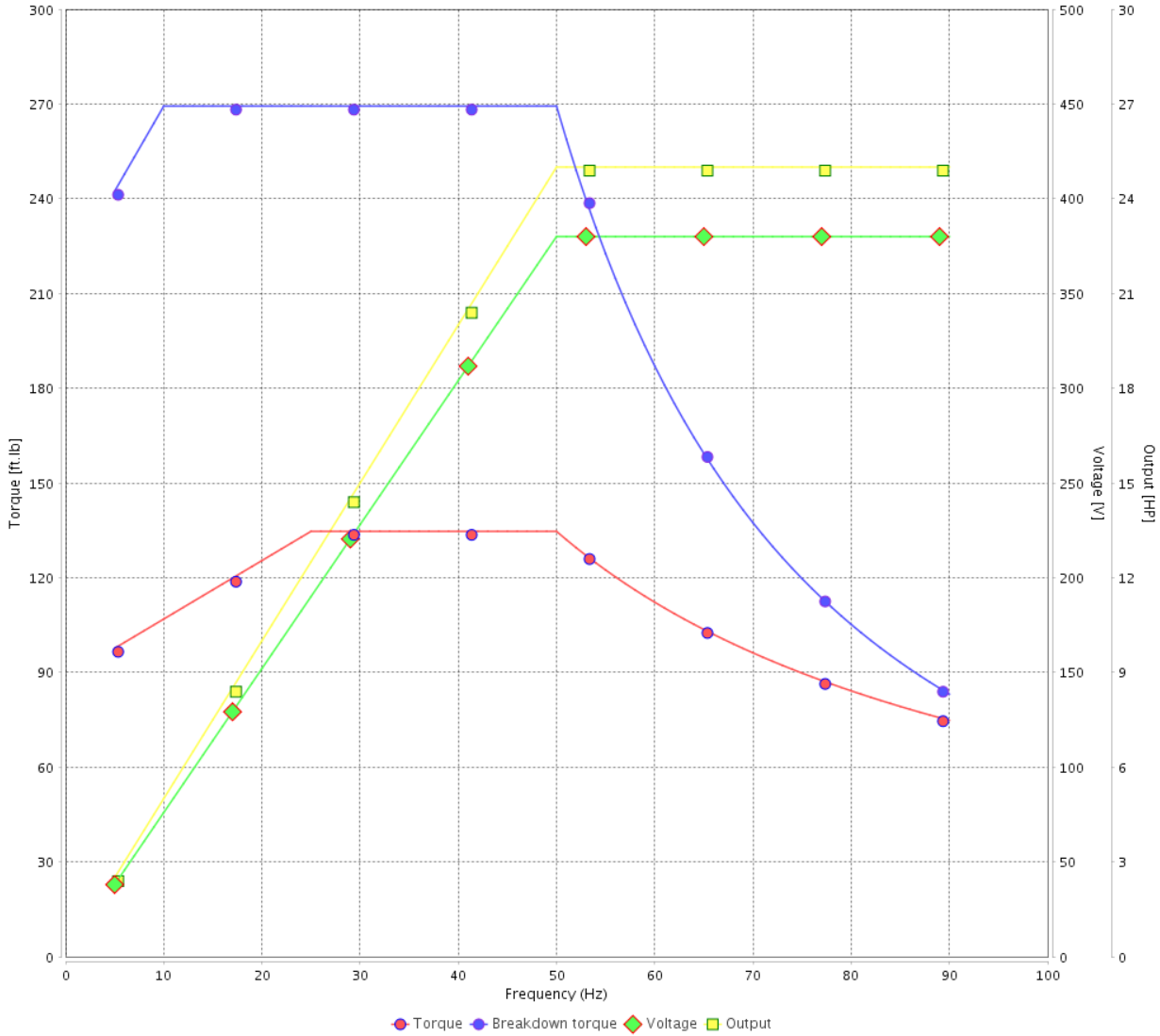
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12605578

Catalog # : 02512ET3E324JP-W22

VFD OPERATION CURVE



Performance : 380 V 50 Hz 6P IE2

Rated current	: 36.8 A	Moment of inertia (J)	: 11.5 sq.ft.lb
LRC	: 4.9	Duty cycle	: Cont.(S1)
Rated torque	: 135 ft.lb	Insulation class	: F
Locked rotor torque	: 160 %	Service factor	: 1.00
Breakdown torque	: 200 %	Temperature rise	: 80 K
Rated speed	: 975 rpm	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

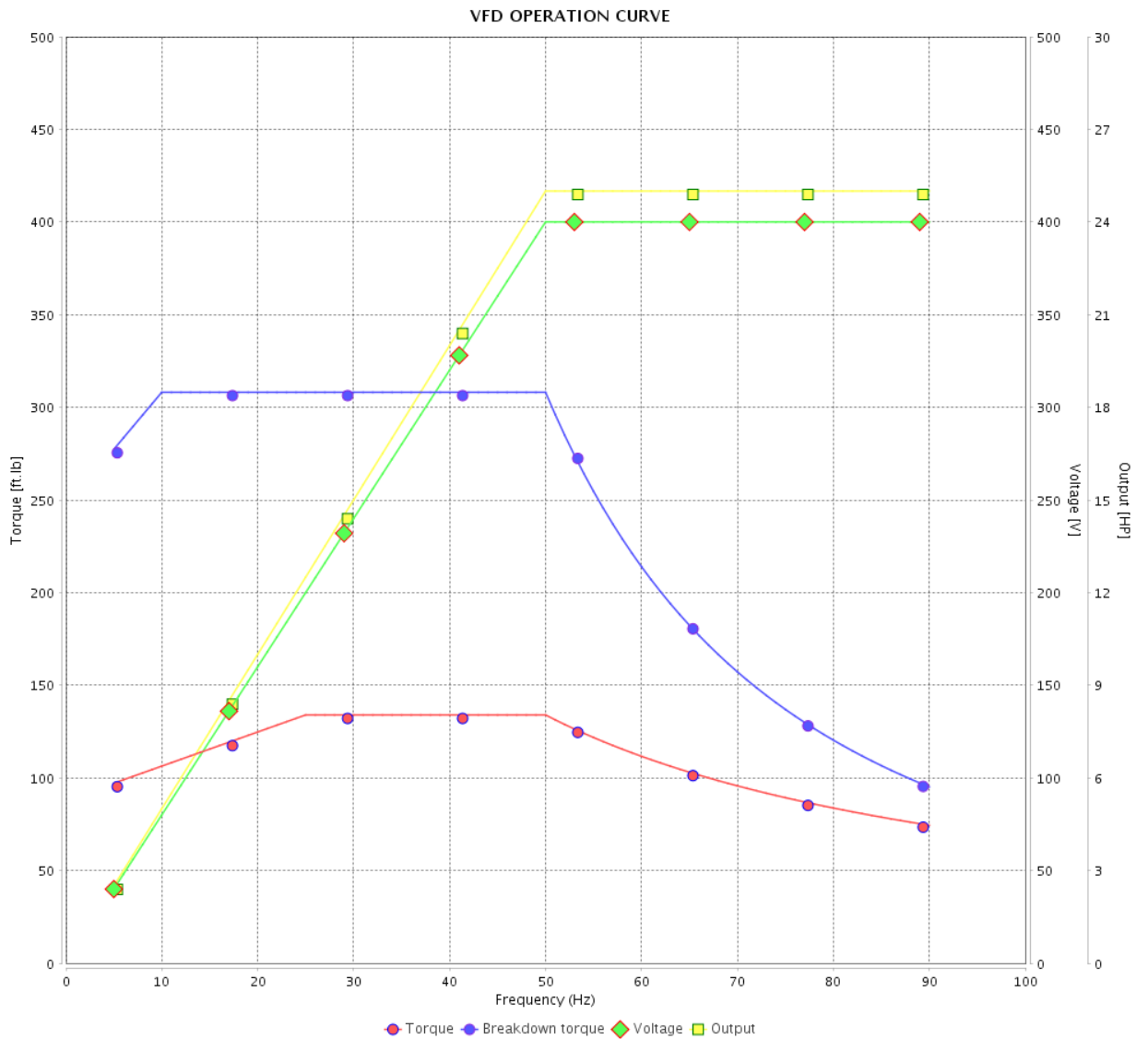


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 12605578

Catalog # : 02512ET3E324JP-W22



Performance : 400 V 50 Hz 6P IE3

Rated current : 35.1 A
 LRC : 5.4
 Rated torque : 134 ft.lb
 Locked rotor torque : 180 %
 Breakdown torque : 229 %
 Rated speed : 980 rpm

Moment of inertia (J) : 11.5 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		13/04/2022		

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



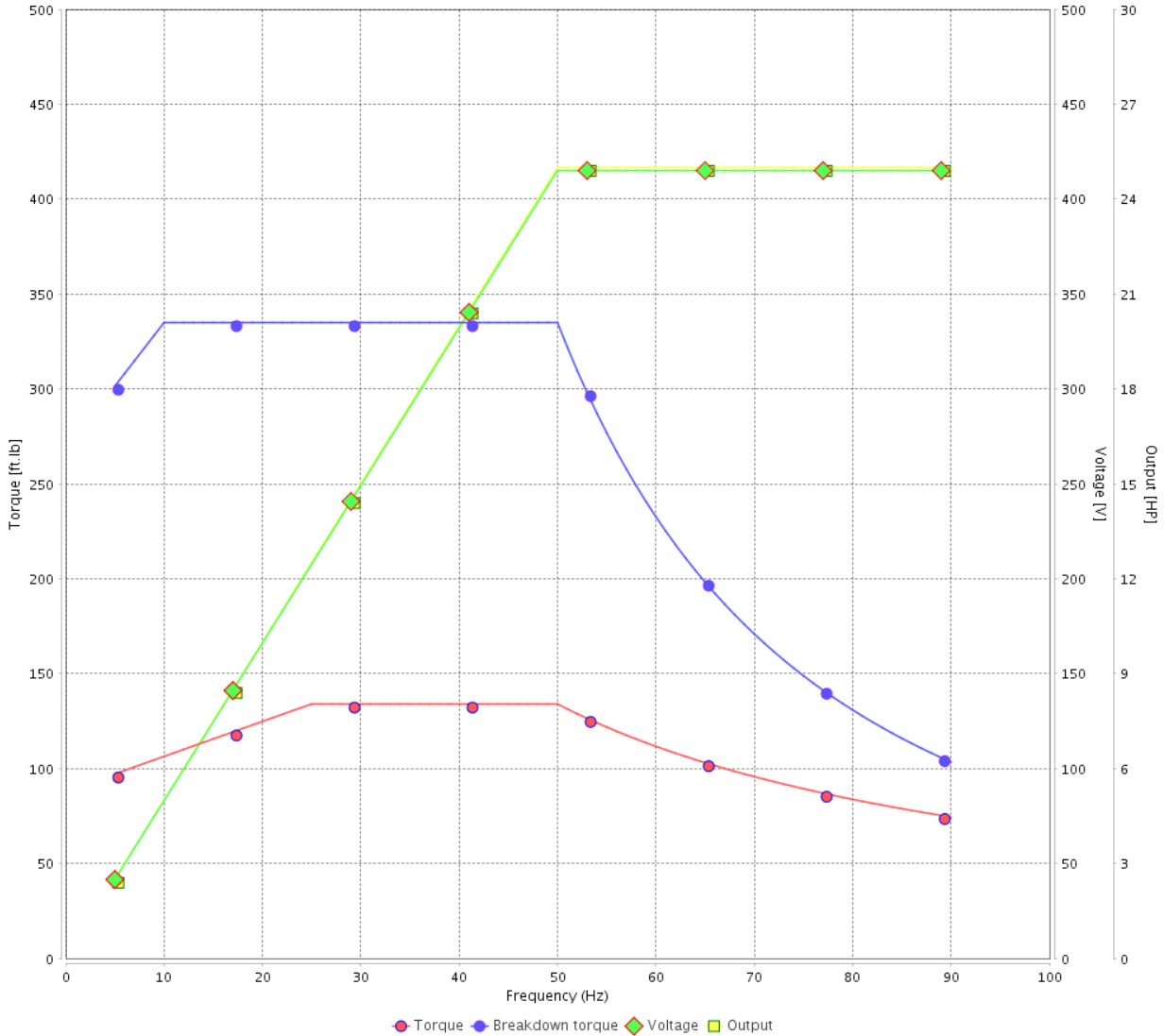
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Product line : NEMA Premium Efficiency Three-Phase

Product code : 12605578

Catalog # : 02512ET3E324JP-W22

VFD OPERATION CURVE

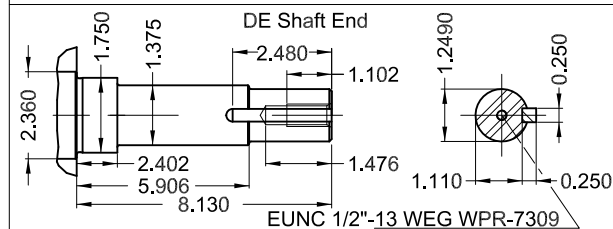
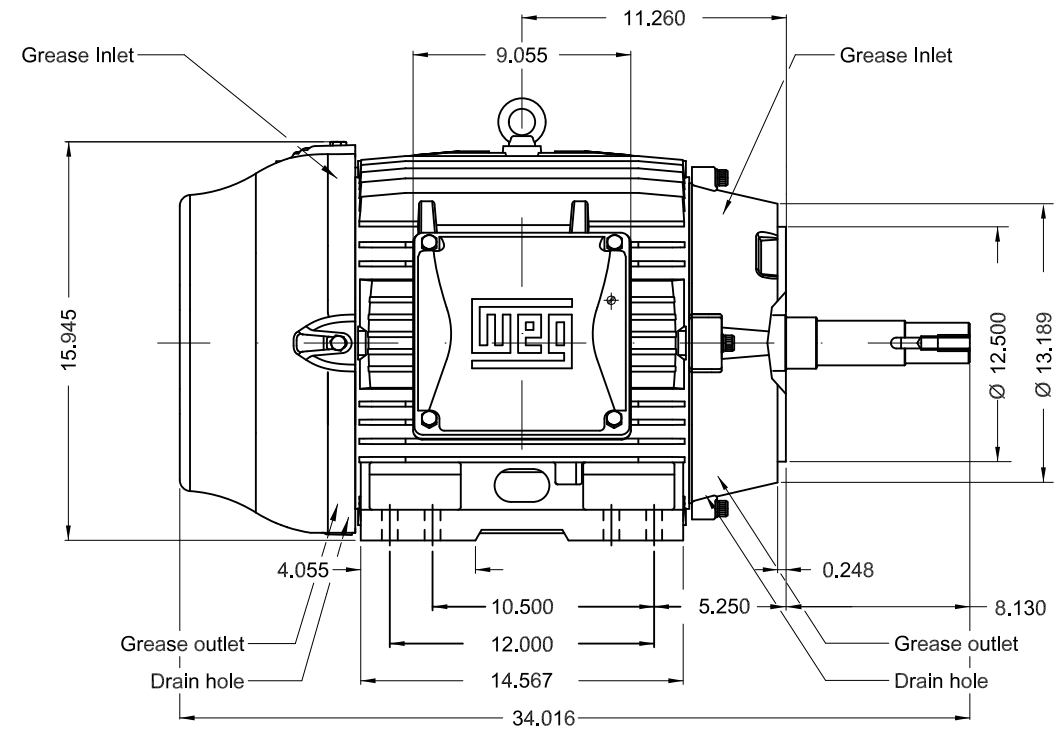
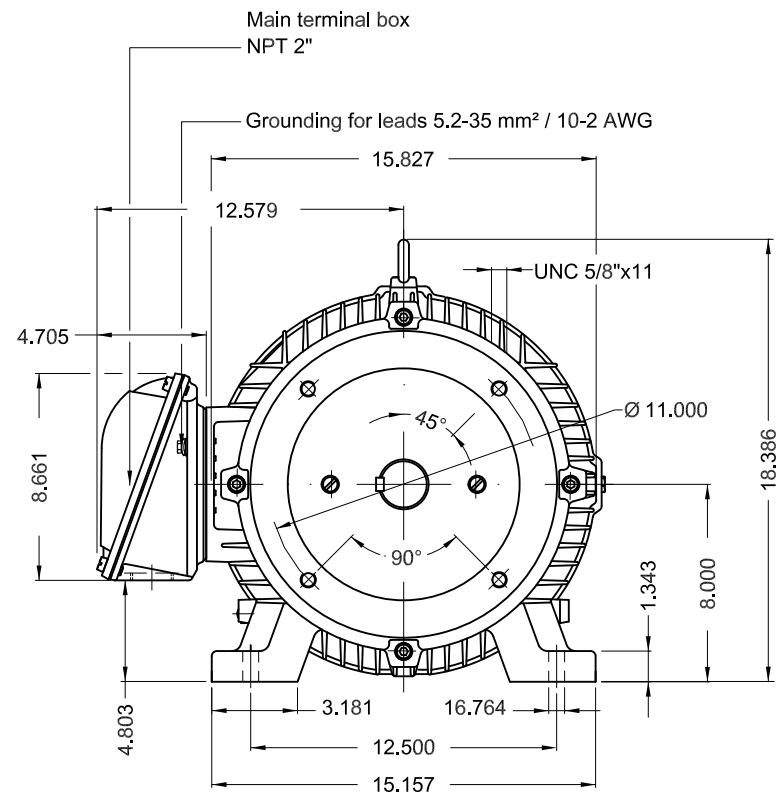


Performance : 415 V 50 Hz 6P IE3

Rated current : 34.2 A
 LRC : 5.8
 Rated torque : 134 ft.lb
 Locked rotor torque : 200 %
 Breakdown torque : 250 %
 Rated speed : 980 rpm

Moment of inertia (J) : 11.5 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 Temperature rise : 80 K
 Design : B

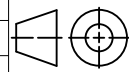
Rev.	Changes Summary	Performed	Checked	Date
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25 HP 06 Poles 60 Hz

Dimensions in inches

Color RAL 5009
 Painting plan 203A
 Mounting NEMA F-1
 Mounting B34R(D)

ECM	LOC	SUMMARY OF MODIFICATIONS	EXECUTED	CHECKED	RELEASED	DATE	VER
EXECUTED	PIRWBUSER	 THREE PH. MOTOR JM/JP/JET PUMP W22 PREM. EFF. FRAME 324/6JP IP55 TEFC					
CHECKED							
RELEASED							
REL DT.	WMO		Jaragua do Sul	Product Engineering	SHEET	1 / 1	

PREVIEW
WDD





FOR SAFE AREA
MOD.TE1BFOXON



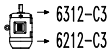
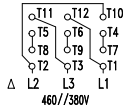
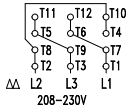
For 60Hz: Class I, Div 2, Gr. A, B, C and D - T3
Class I, Zone 2, IIC - T3

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

For 60Hz use on PWM, Gr. A, B, C, D and F,
VT 1000:1, CT 20:1, 1.0SF, T3A

MODEL 02512ET3E324JP-W22
MADE IN BRAZIL
12605578

PH 3	FR 324/6JP	HP(kW) 25.0(18.5)	Hz 60
V 230/460	A 61.6/30.8	RPM 1180	DES B
NEMA NOM EFF 93.0 %	INS. CL. F ΔT 80 K	IP55	
ENCL TEFC	DUTY CONT.	AMB. 40°C	
CODE G	PF 0.81	SF 1.25	SFA 77.0/38.5
USABLE @208V	67.2 A	SF 1.15	SFA 77.3
25HP 18.5kW 50Hz 380V 36.8A 975RPM SF1.00 EFF 91.0% (IE2)			



MOBIL POLYREX EM
21 g 20000 h

ALT 1000 m.a.s.l. 560 Lbs