

# DATA SHEET

## Three Phase Induction Motor - Squirrel Cage



Customer :								
Product line	: NEMA Premium Efficiency Three-Phase	Product code :	13469140					
		Catalog # :	06036OT3E326JPV					
Frame	: 326JP	Cooling method	: IC01 - ODP					
Insulation class	: F	Mounting	: W-6					
Duty cycle	: Cont.(S1)	Rotation <sup>1</sup>	: Both (CW and CCW)					
Ambient temperature	: -20°C to +40°C	Starting method	: Direct On Line					
Altitude	: 1000 m.a.s.l.	Approx. weight <sup>2</sup>	: 537 lb					
Protection degree	: IP23	Moment of inertia (J)	: 4.36 sq.ft.lb					
Design	: B							
Output [HP]	60	50	50	50	60	60	60	
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]	142/71.0	69.8	67.9	66.1	86.7	82.3	80.1	
L. R. Amperes [A]	852/426	384	421	463	416	436	481	
LRC [A]	6.0x(Code G)	5.5x(Code F)	6.2x(Code G)	7.0x(Code H)	4.8x(Code E)	5.3x(Code F)	6.0x(Code G)	
No load current [A]	43.0/21.5	20.0	23.0	23.5	20.0	23.0	25.5	
Rated speed [RPM]	3560	2960	2965	2965	2940	2950	2955	
Slip [%]	1.11	1.33	1.17	1.17	2.00	1.67	1.50	
Rated torque [ft.lb]	88.5	88.7	88.6	88.6	107	107	107	
Locked rotor torque [%]	220	210	229	240	170	180	200	
Breakdown torque [%]	229	210	240	260	180	200	210	
Service factor	1.15	1.15	1.15	1.15	1.15	1.15	1.15	
Temperature rise	80 K	80 K	80 K	80 K	80 K	80 K	80 K	
Locked rotor time	43s (cold) 24s (hot)	39s (cold) 22s (hot)	36s (cold) 20s (hot)	34s (cold) 19s (hot)	39s (cold) 22s (hot)	36s (cold) 20s (hot)	34s (cold) 19s (hot)	
Noise level <sup>2</sup>	75.0 dB(A)							
Efficiency (%)	25%	92.9	86.6	87.9	90.1	89.4	89.8	91.0
	50%	93.0	89.3	89.9	91.0	90.2	91.0	91.7
	75%	93.6	90.7	91.5	93.0	91.0	91.7	92.4
	100%	93.6	93.7	93.7	93.8	91.7	92.9	93.0
Power Factor	25%	0.53	0.54	0.49	0.46	0.59	0.54	0.50
	50%	0.77	0.77	0.73	0.70	0.80	0.77	0.74
	75%	0.84	0.83	0.81	0.79	0.85	0.83	0.81
	100%	0.85	0.86	0.84	0.83	0.86	0.85	0.84
Bearing type	: Drive end 6312 Z C3	: Non drive end 6212 Z C3	Foundation loads					
Sealing	: Without	: Without	Max. traction	: 590 lb				
	Bearing Seal		Max. compression	: 1128 lb				
Lubrication interval	: 9829 h	: 12143 h						
Lubricant amount	: 21 g	: 13 g						
Lubricant type	: Mobil Polyrex EM							
Notes								
USABLE @208V 157A SF 1.15 SFA 181A								
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



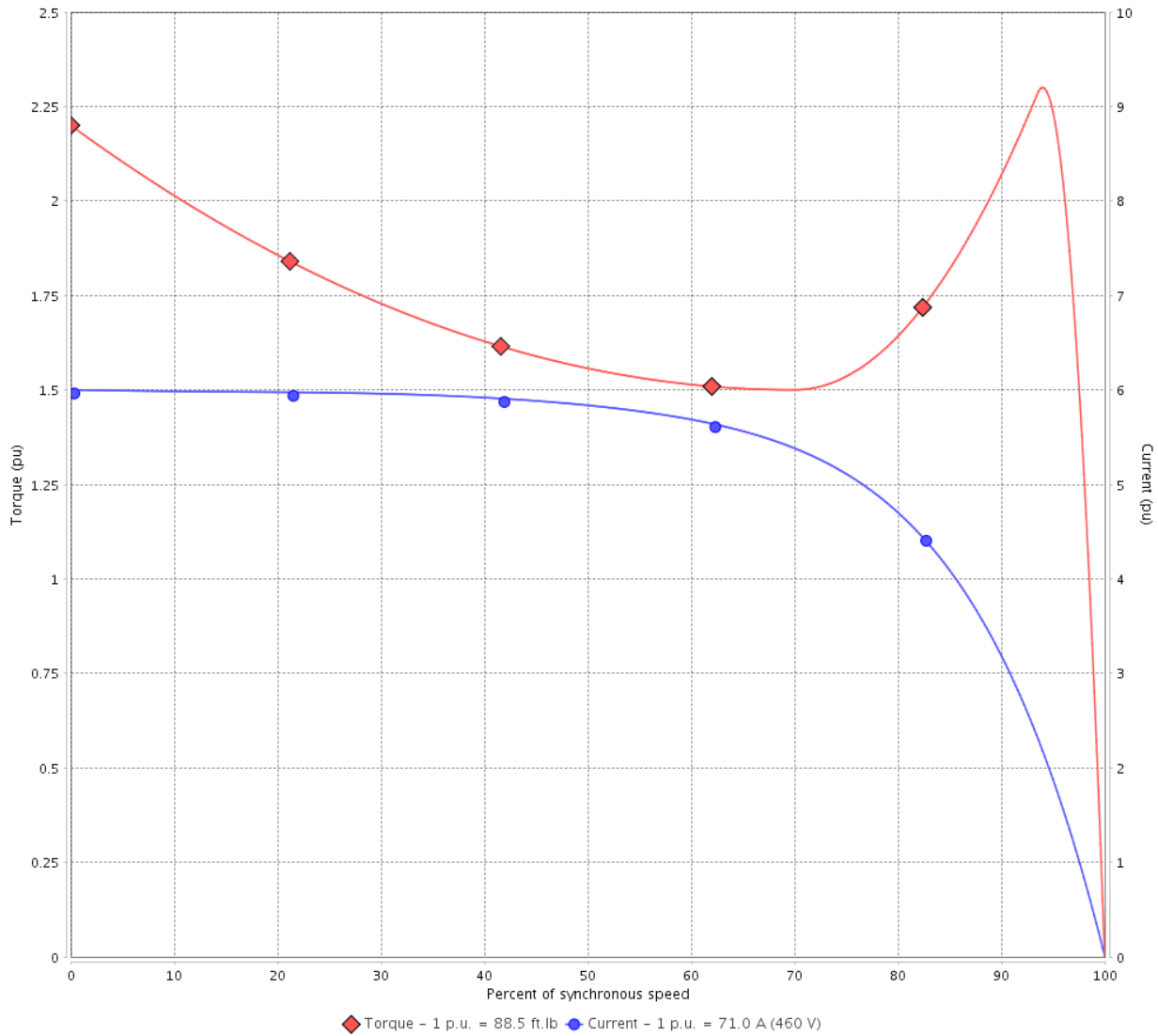
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13469140

Catalog # : 06036OT3E326JPV

TORQUE AND CURRENT VS SPEED CURVE



Performance : 230/460 V 60 Hz 2P

Rated current	: 142/71.0 A	Moment of inertia (J)	: 4.36 sq.ft.lb
LRC	: 6.0	Duty cycle	: Cont.(S1)
Rated torque	: 88.5 ft.lb	Insulation class	: F
Locked rotor torque	: 220 %	Service factor	: 1.15
Breakdown torque	: 229 %	Temperature rise	: 80 K
Rated speed	: 3560 rpm	Design	: B

Locked rotor time : 43s (cold) 24s (hot)

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# TORQUE AND CURRENT VS SPEED CURVE



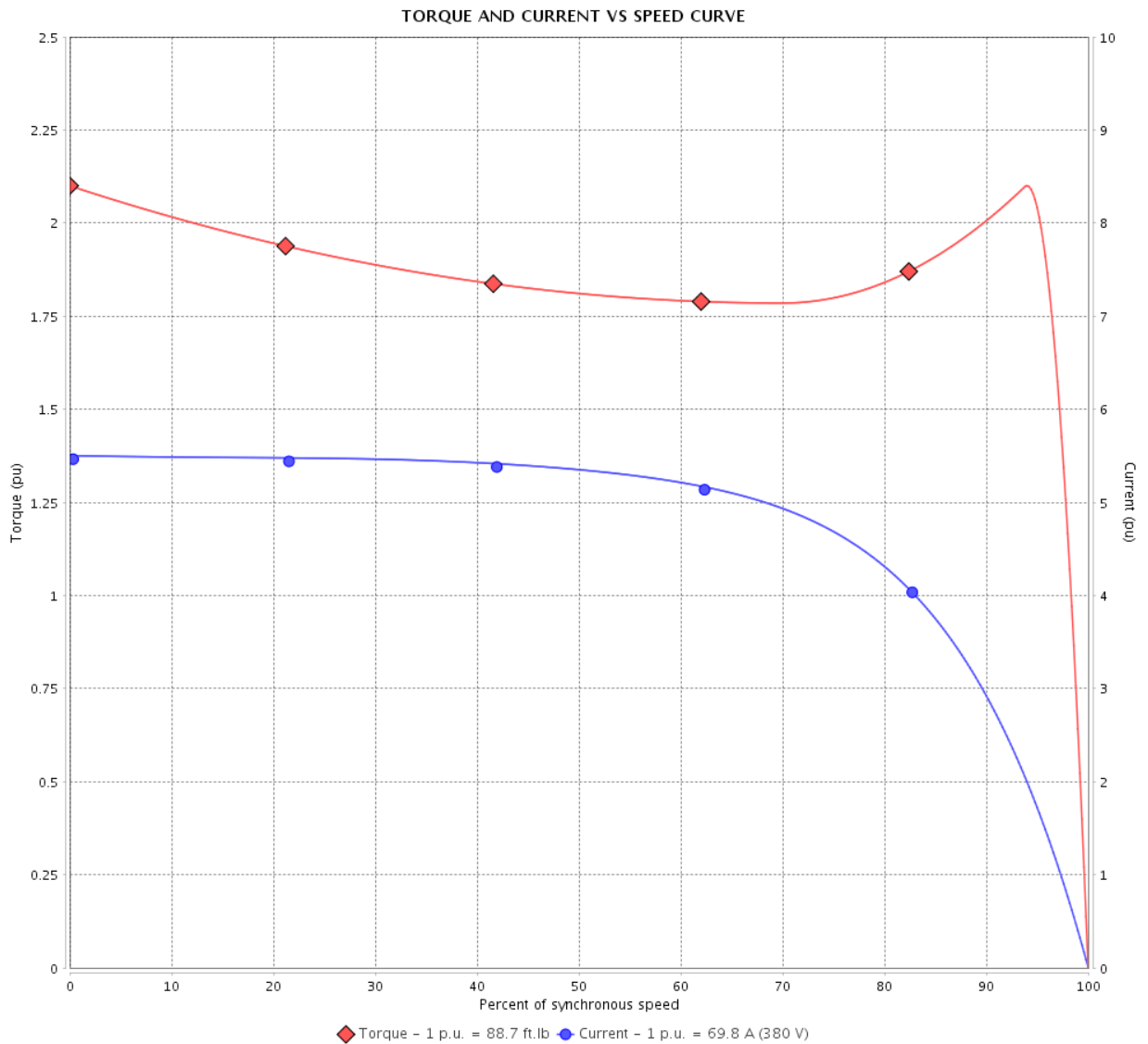
## Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13469140

Catalog # : 06036OT3E326JPV



Performance : 380 V 50 Hz 2P IE3

Rated current	: 69.8 A	Moment of inertia (J)	: 4.36 sq.ft.lb
LRC	: 5.5	Duty cycle	: Cont.(S1)
Rated torque	: 88.7 ft.lb	Insulation class	: F
Locked rotor torque	: 210 %	Service factor	: 1.15
Breakdown torque	: 210 %	Temperature rise	: 80 K
Rated speed	: 2960 rpm	Design	: B

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

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# TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



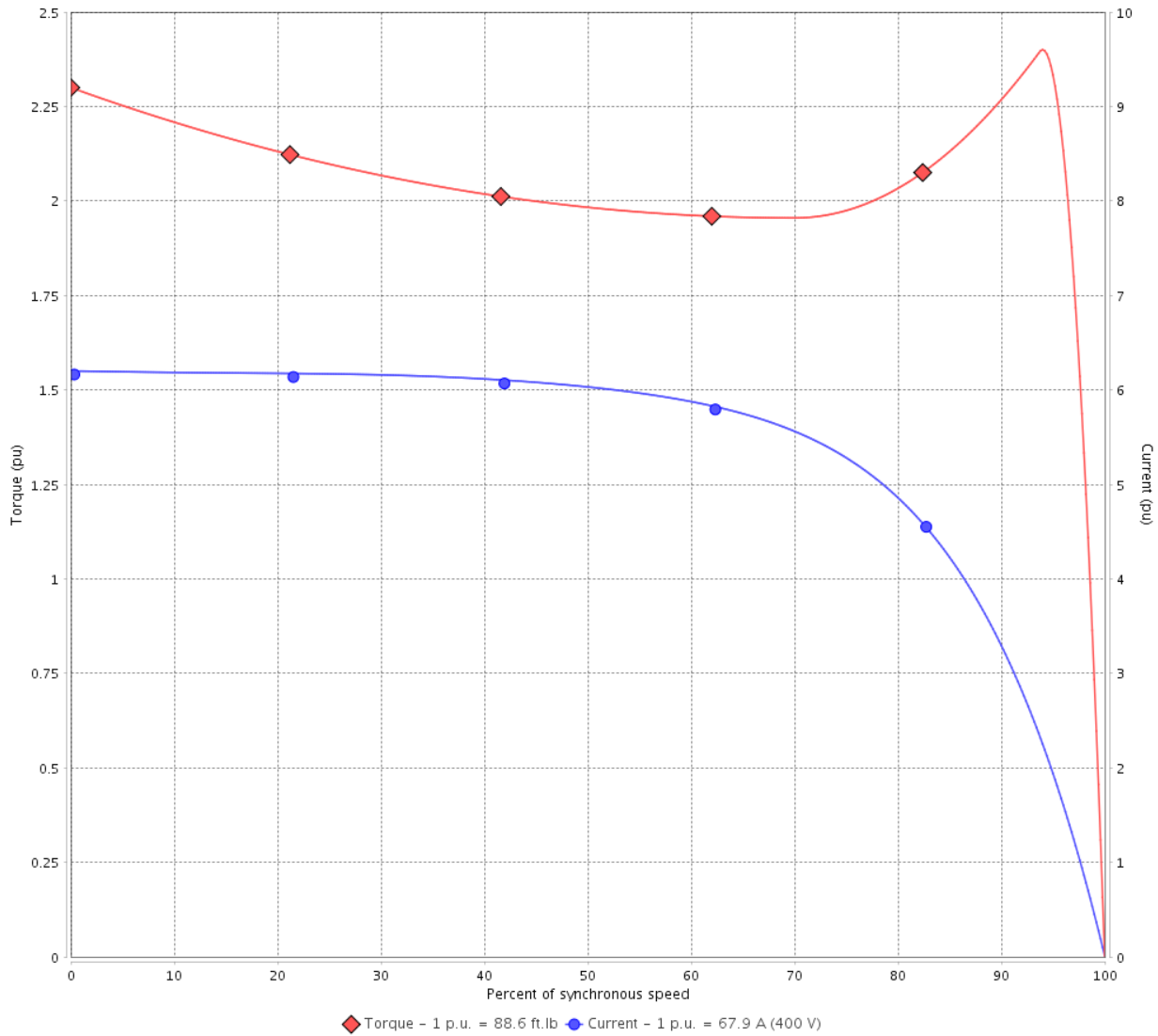
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13469140

Catalog # : 06036OT3E326JPV

TORQUE AND CURRENT VS SPEED CURVE



Performance : 400 V 50 Hz 2P IE3

Rated current	: 67.9 A	Moment of inertia (J)	: 4.36 sq.ft.lb
LRC	: 6.2	Duty cycle	: Cont.(S1)
Rated torque	: 88.6 ft.lb	Insulation class	: F
Locked rotor torque	: 229 %	Service factor	: 1.15
Breakdown torque	: 240 %	Temperature rise	: 80 K
Rated speed	: 2965 rpm	Design	: B

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

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# TORQUE AND CURRENT VS SPEED CURVE



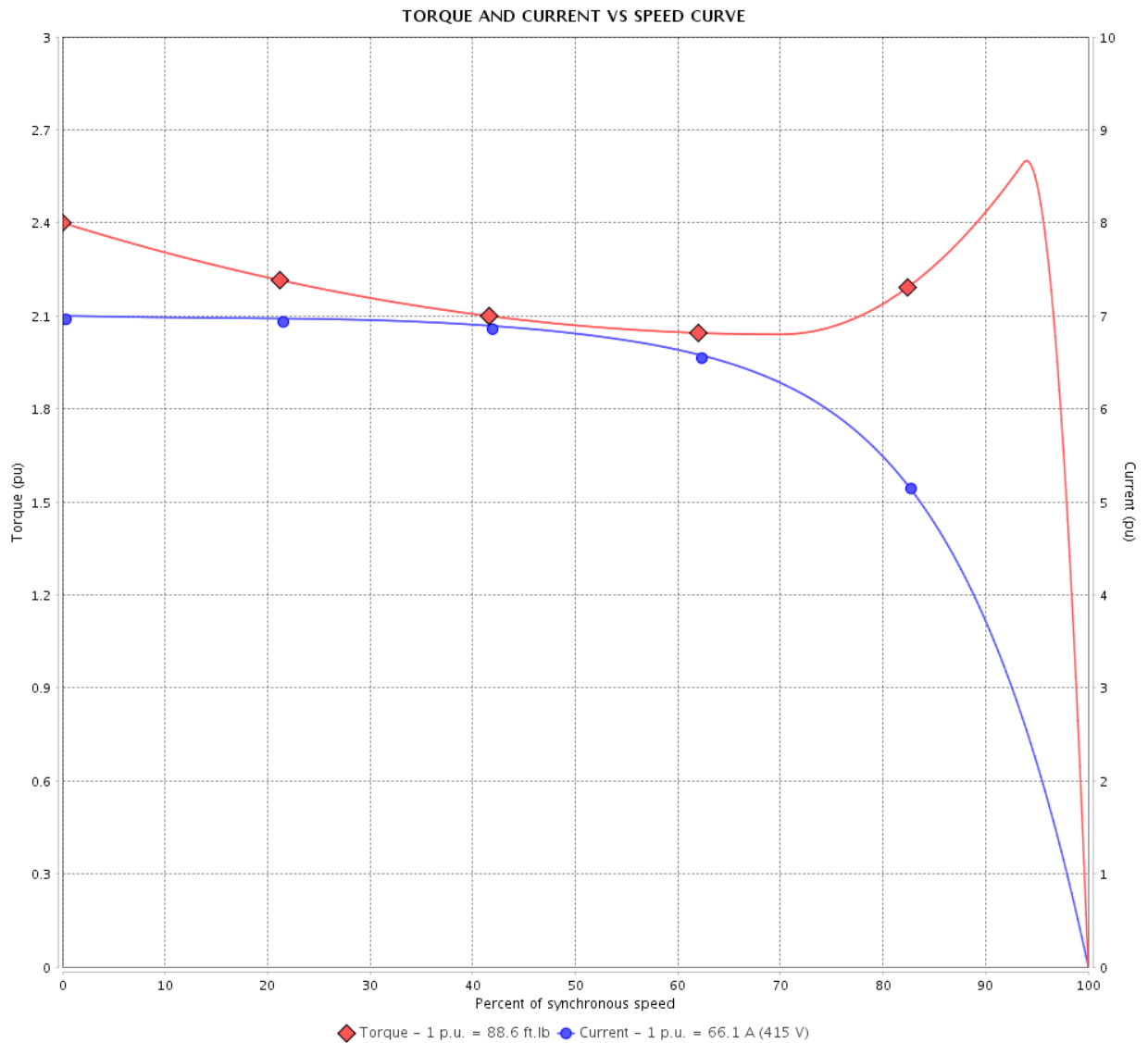
## Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13469140

Catalog # : 06036OT3E326JPV



Performance : 415 V 50 Hz 2P IE3

Rated current	: 66.1 A	Moment of inertia (J)	: 4.36 sq.ft.lb
LRC	: 7.0	Duty cycle	: Cont.(S1)
Rated torque	: 88.6 ft.lb	Insulation class	: F
Locked rotor torque	: 240 %	Service factor	: 1.15
Breakdown torque	: 260 %	Temperature rise	: 80 K
Rated speed	: 2965 rpm	Design	: B

Locked rotor time : 34s (cold) 19s (hot)

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# TORQUE AND CURRENT VS SPEED CURVE

## Three Phase Induction Motor - Squirrel Cage

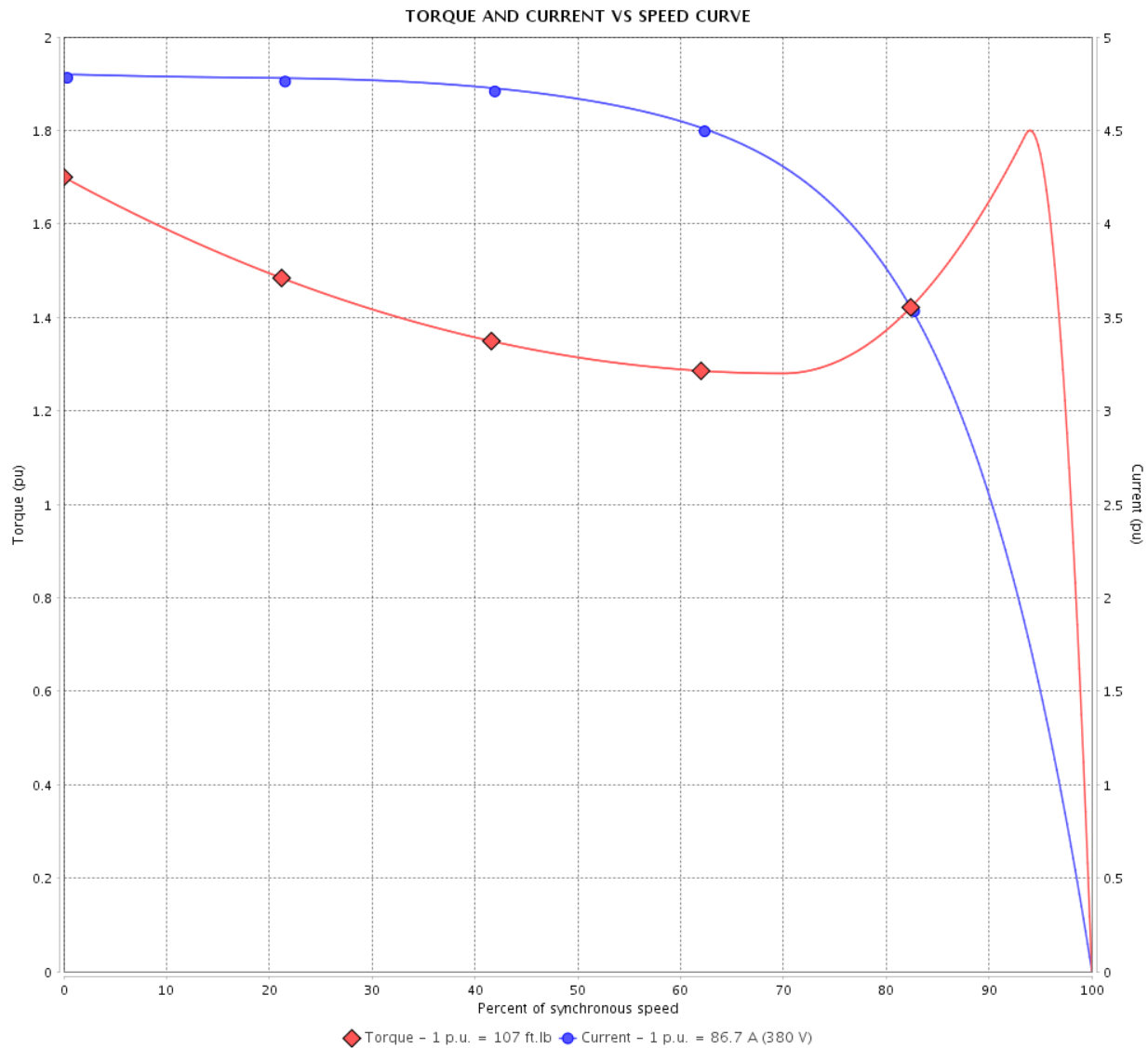


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13469140

Catalog # : 06036OT3E326JPV



Performance : 380 V 50 Hz 2P IE1

Rated current	: 86.7 A	Moment of inertia (J)	: 4.36 sq.ft.lb
LRC	: 4.8	Duty cycle	: Cont.(S1)
Rated torque	: 107 ft.lb	Insulation class	: F
Locked rotor torque	: 170 %	Service factor	: 1.15
Breakdown torque	: 180 %	Temperature rise	: 80 K
Rated speed	: 2940 rpm	Design	: B

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

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# TORQUE AND CURRENT VS SPEED CURVE



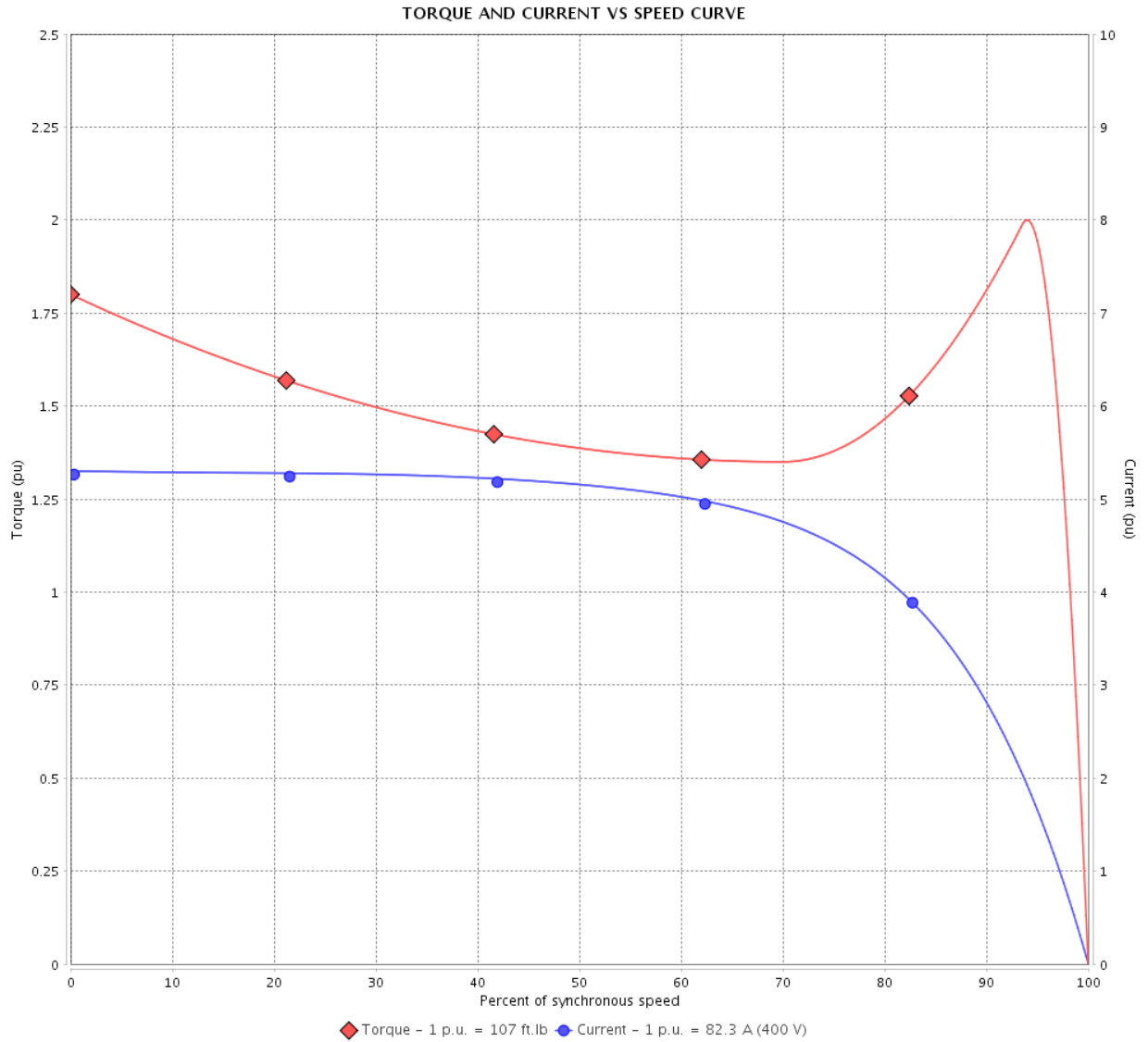
## Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13469140

Catalog # : 06036OT3E326JPV



Performance : 400 V 50 Hz 2P IE2

Rated current	: 82.3 A	Moment of inertia (J)	: 4.36 sq.ft.lb
LRC	: 5.3	Duty cycle	: Cont.(S1)
Rated torque	: 107 ft.lb	Insulation class	: F
Locked rotor torque	: 180 %	Service factor	: 1.15
Breakdown torque	: 200 %	Temperature rise	: 80 K
Rated speed	: 2950 rpm	Design	: B

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

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# TORQUE AND CURRENT VS SPEED CURVE

## Three Phase Induction Motor - Squirrel Cage



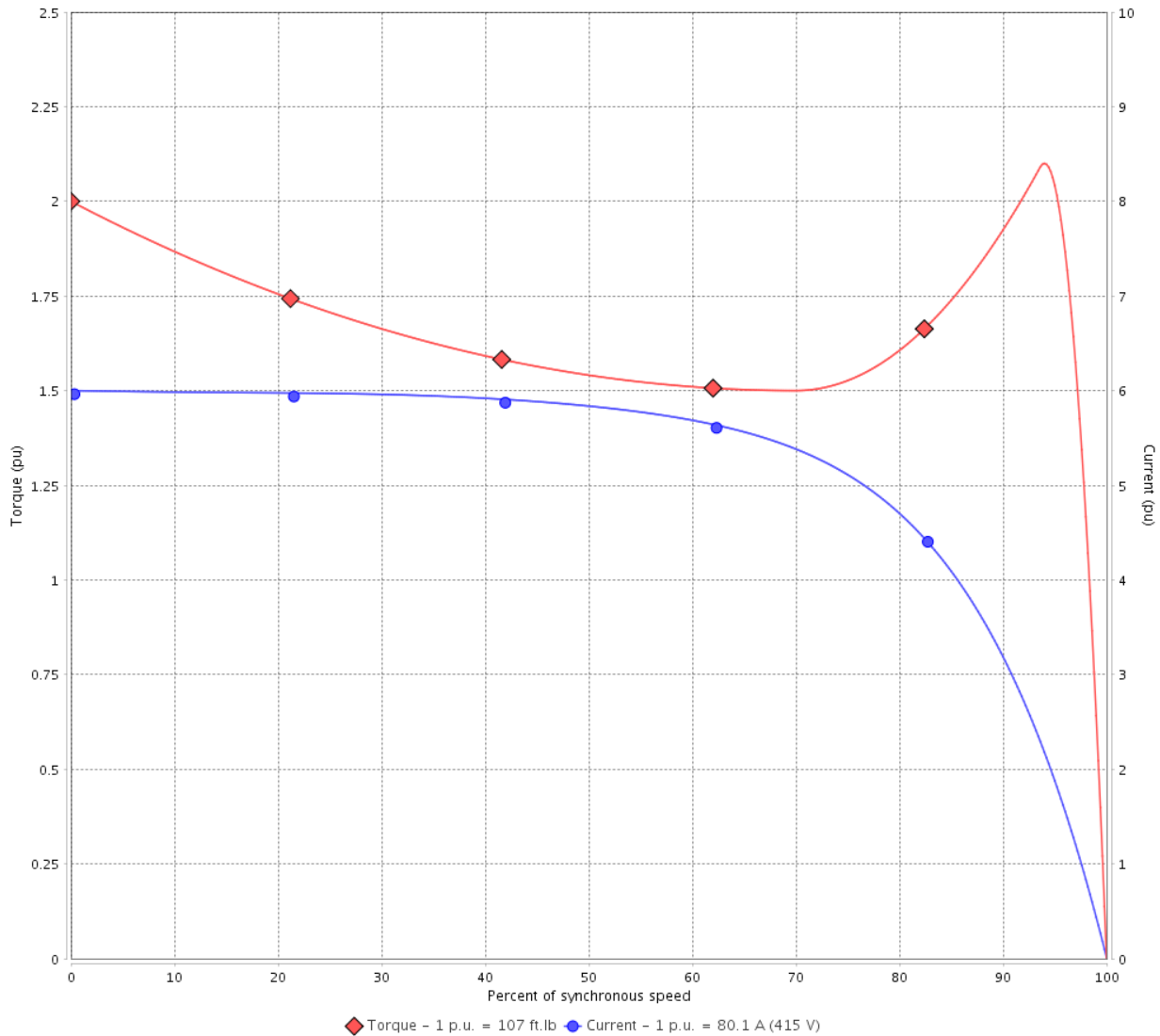
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13469140

Catalog # : 06036OT3E326JPV

TORQUE AND CURRENT VS SPEED CURVE



Performance : 415 V 50 Hz 2P IE2

Rated current	: 80.1 A	Moment of inertia (J)	: 4.36 sq.ft.lb
LRC	: 6.0	Duty cycle	: Cont.(S1)
Rated torque	: 107 ft.lb	Insulation class	: F
Locked rotor torque	: 200 %	Service factor	: 1.15
Breakdown torque	: 210 %	Temperature rise	: 80 K
Rated speed	: 2955 rpm	Design	: B

Locked rotor time : 34s (cold) 19s (hot)

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# LOAD PERFORMANCE CURVE

## Three Phase Induction Motor - Squirrel Cage

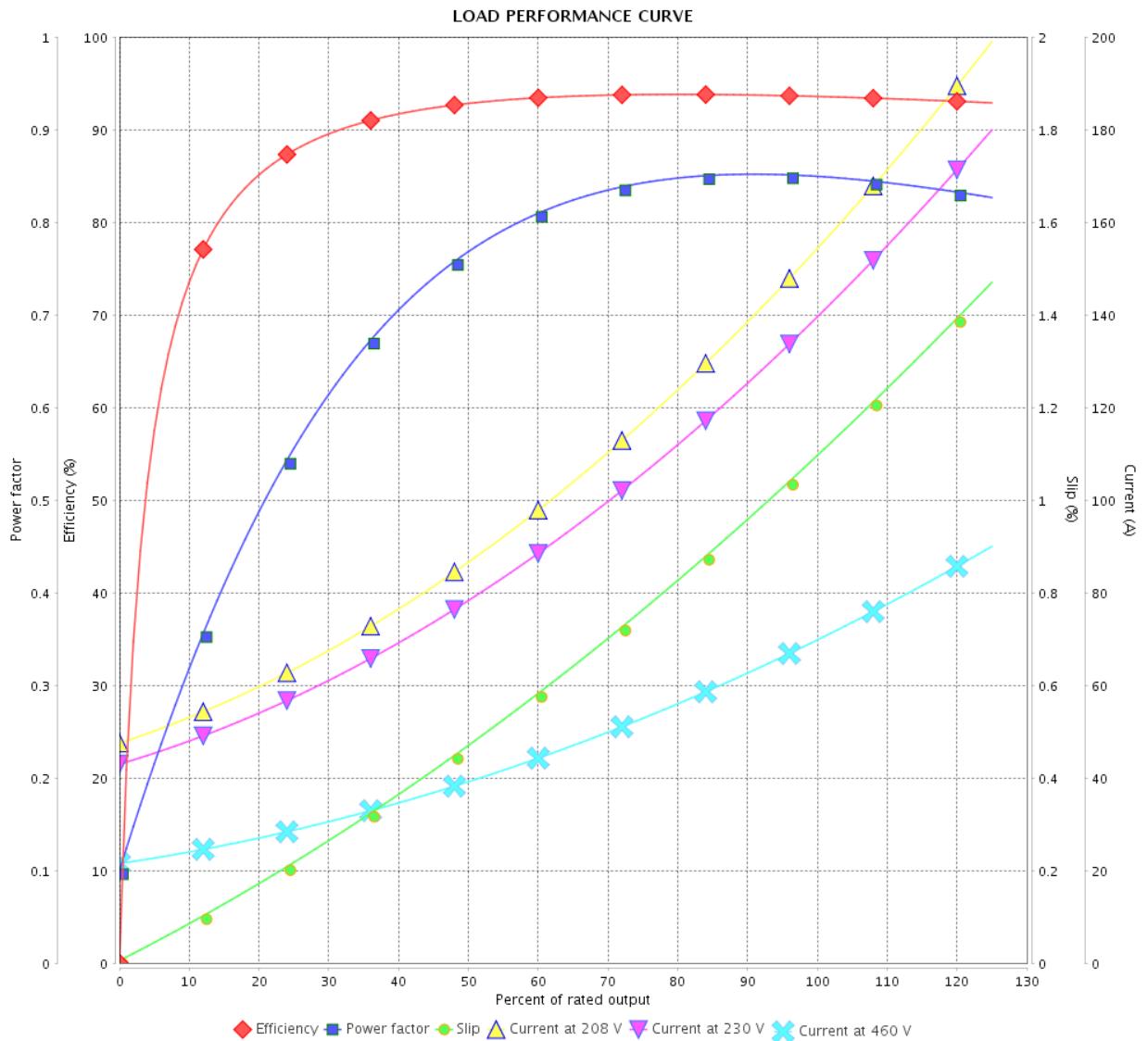


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13469140

Catalog # : 06036OT3E326JPV



Performance : 230/460 V 60 Hz 2P

Rated current : 142/71.0 A  
 LRC : 6.0  
 Rated torque : 88.5 ft.lb  
 Locked rotor torque : 220 %  
 Breakdown torque : 229 %  
 Rated speed : 3560 rpm

Moment of inertia (J) : 4.36 sq.ft.lb  
 Duty cycle : Cont.(S1)  
 Insulation class : F  
 Service factor : 1.15  
 Temperature rise : 80 K  
 Design : B

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# LOAD PERFORMANCE CURVE

## Three Phase Induction Motor - Squirrel Cage



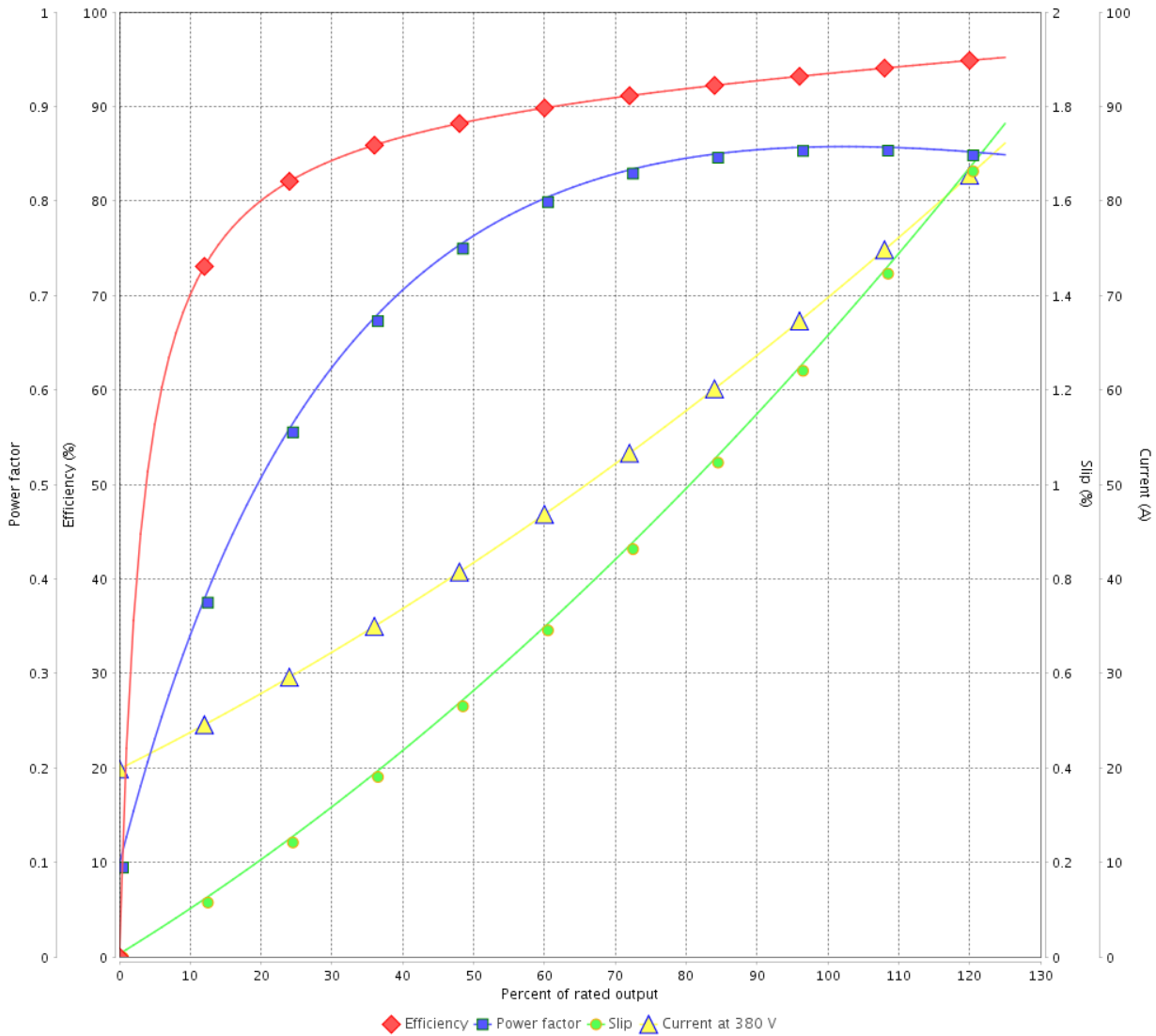
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13469140

Catalog # : 06036OT3E326JPV

LOAD PERFORMANCE CURVE



Performance : 380 V 50 Hz 2P IE3

Rated current : 69.8 A  
 LRC : 5.5  
 Rated torque : 88.7 ft.lb  
 Locked rotor torque : 210 %  
 Breakdown torque : 210 %  
 Rated speed : 2960 rpm

Moment of inertia (J) : 4.36 sq.ft.lb  
 Duty cycle : Cont.(S1)  
 Insulation class : F  
 Service factor : 1.15  
 Temperature rise : 80 K  
 Design : B

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# LOAD PERFORMANCE CURVE

## Three Phase Induction Motor - Squirrel Cage

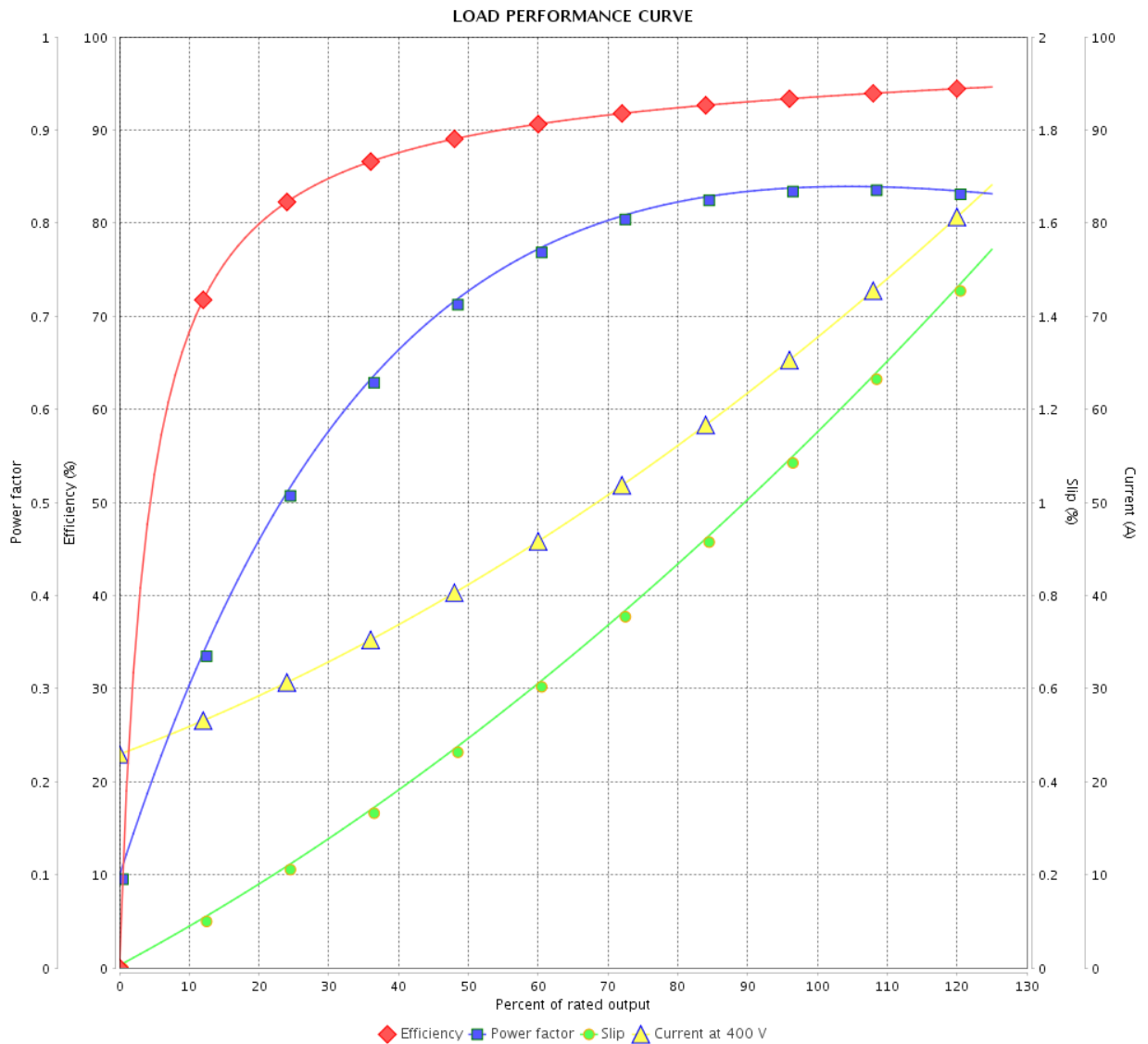


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13469140

Catalog # : 06036OT3E326JPV



Performance : 400 V 50 Hz 2P IE3

Rated current : 67.9 A  
 LRC : 6.2  
 Rated torque : 88.6 ft.lb  
 Locked rotor torque : 229 %  
 Breakdown torque : 240 %  
 Rated speed : 2965 rpm

Moment of inertia (J) : 4.36 sq.ft.lb  
 Duty cycle : Cont.(S1)  
 Insulation class : F  
 Service factor : 1.15  
 Temperature rise : 80 K  
 Design : B

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# LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage



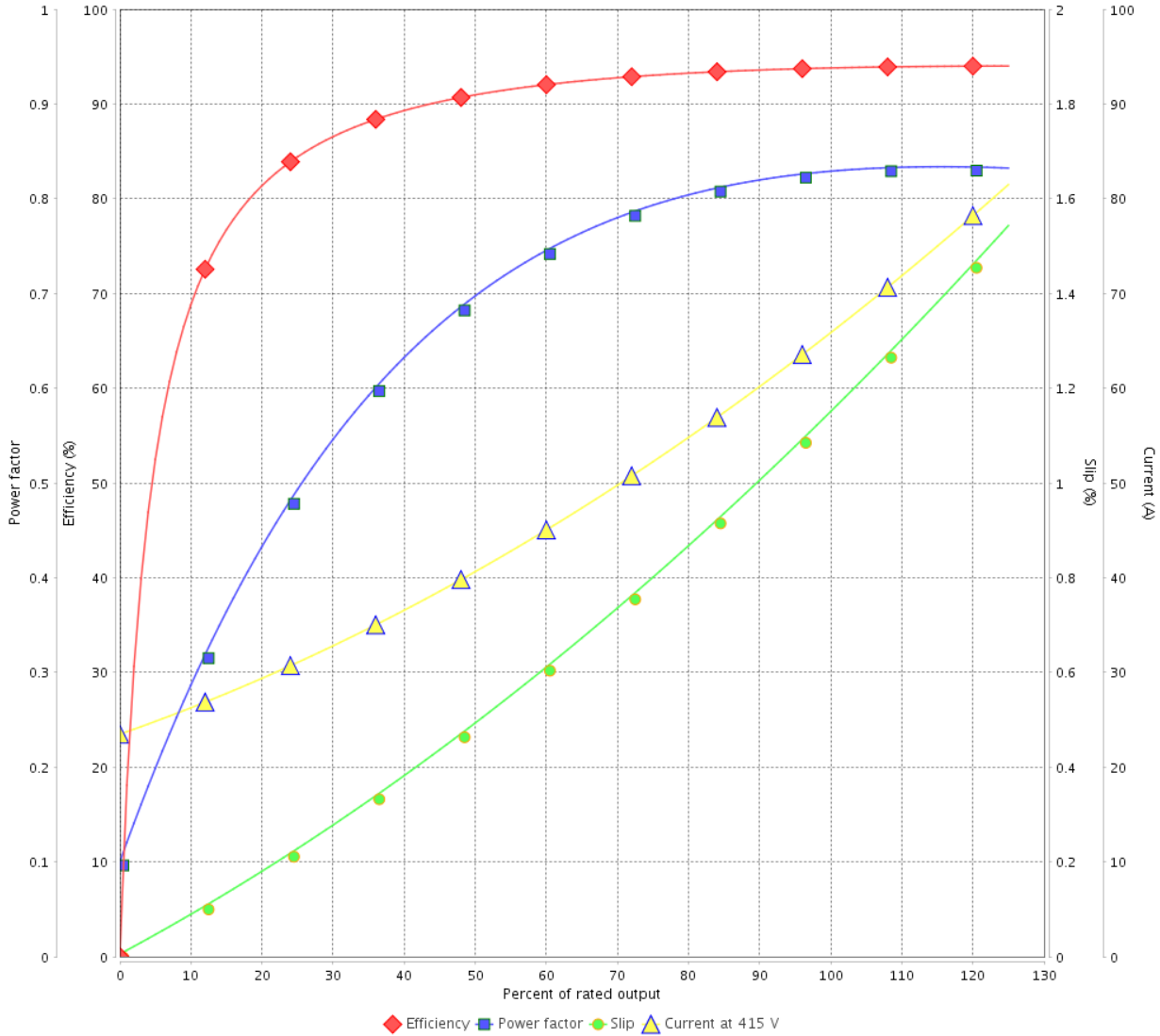
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13469140

Catalog # : 06036OT3E326JPV

LOAD PERFORMANCE CURVE



Performance : 415 V 50 Hz 2P IE3

Rated current : 66.1 A  
 LRC : 7.0  
 Rated torque : 88.6 ft.lb  
 Locked rotor torque : 240 %  
 Breakdown torque : 260 %  
 Rated speed : 2965 rpm

Moment of inertia (J) : 4.36 sq.ft.lb  
 Duty cycle : Cont.(S1)  
 Insulation class : F  
 Service factor : 1.15  
 Temperature rise : 80 K  
 Design : B

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# LOAD PERFORMANCE CURVE

## Three Phase Induction Motor - Squirrel Cage

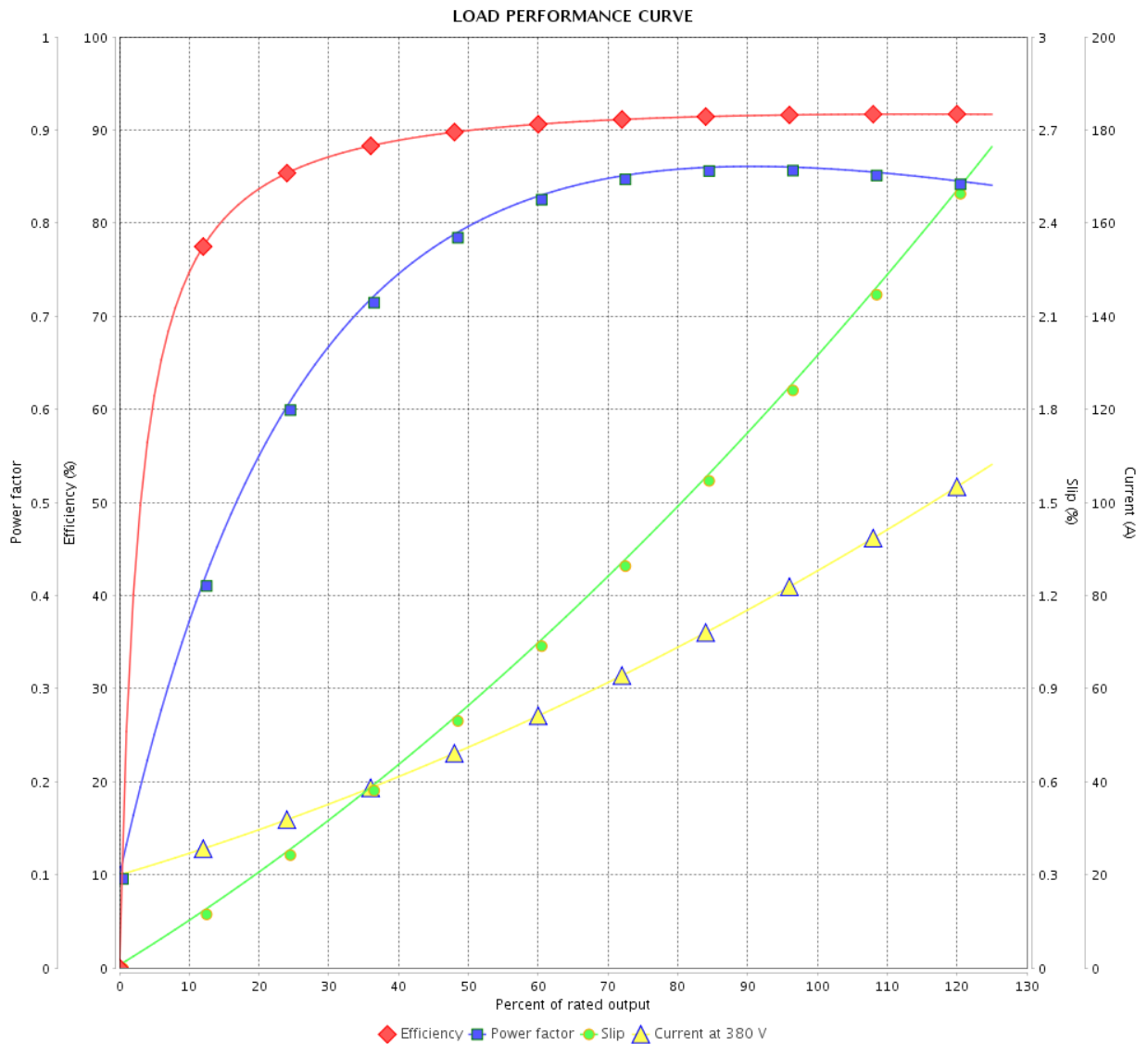


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13469140

Catalog # : 06036OT3E326JPV



Performance : 380 V 50 Hz 2P IE1

Rated current : 86.7 A  
 LRC : 4.8  
 Rated torque : 107 ft.lb  
 Locked rotor torque : 170 %  
 Breakdown torque : 180 %  
 Rated speed : 2940 rpm

Moment of inertia (J) : 4.36 sq.ft.lb  
 Duty cycle : Cont.(S1)  
 Insulation class : F  
 Service factor : 1.15  
 Temperature rise : 80 K  
 Design : B

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# LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage



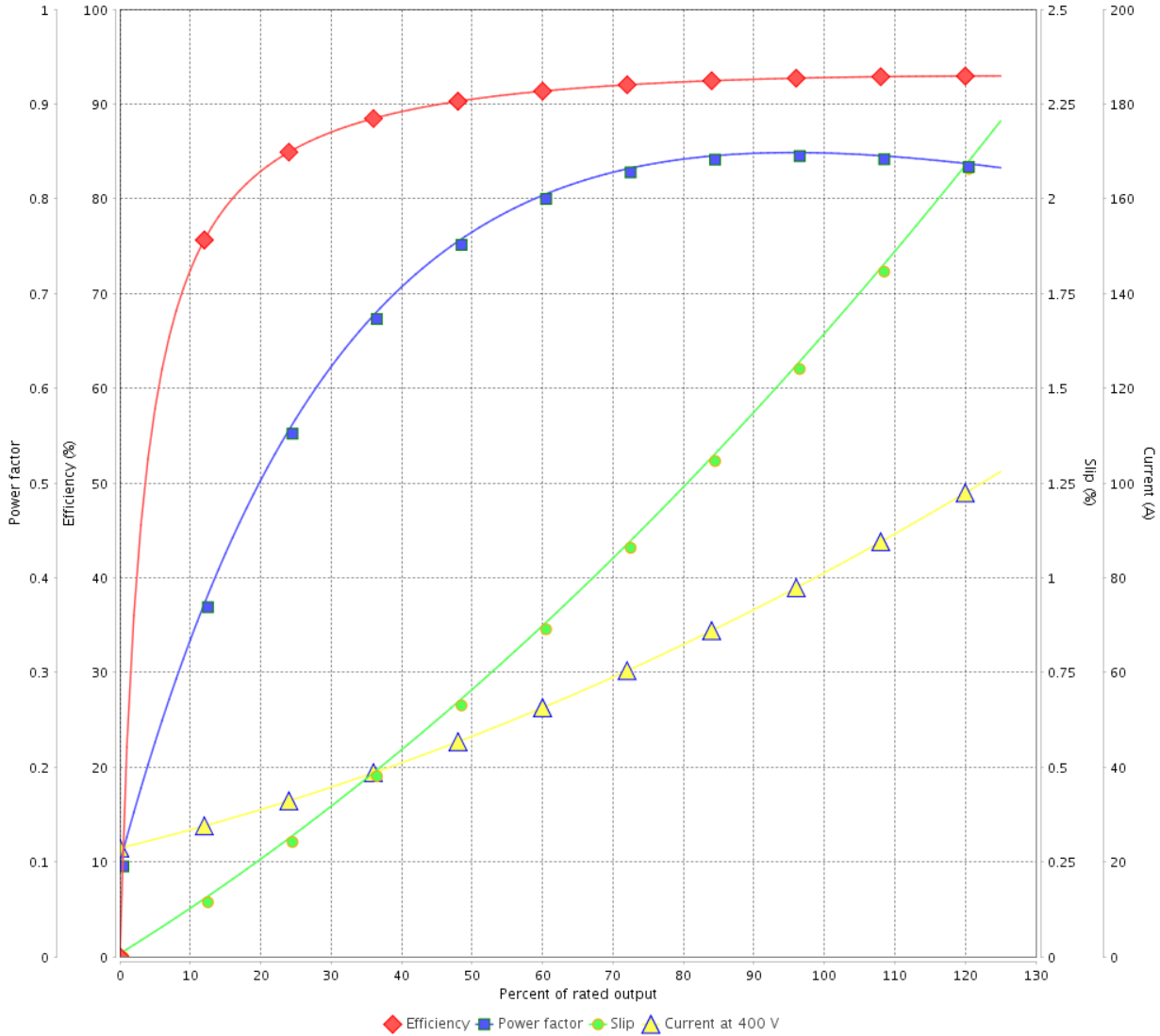
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13469140

Catalog # : 06036OT3E326JPV

LOAD PERFORMANCE CURVE



Performance : 400 V 50 Hz 2P IE2

Rated current : 82.3 A  
 LRC : 5.3  
 Rated torque : 107 ft.lb  
 Locked rotor torque : 180 %  
 Breakdown torque : 200 %  
 Rated speed : 2950 rpm

Moment of inertia (J) : 4.36 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

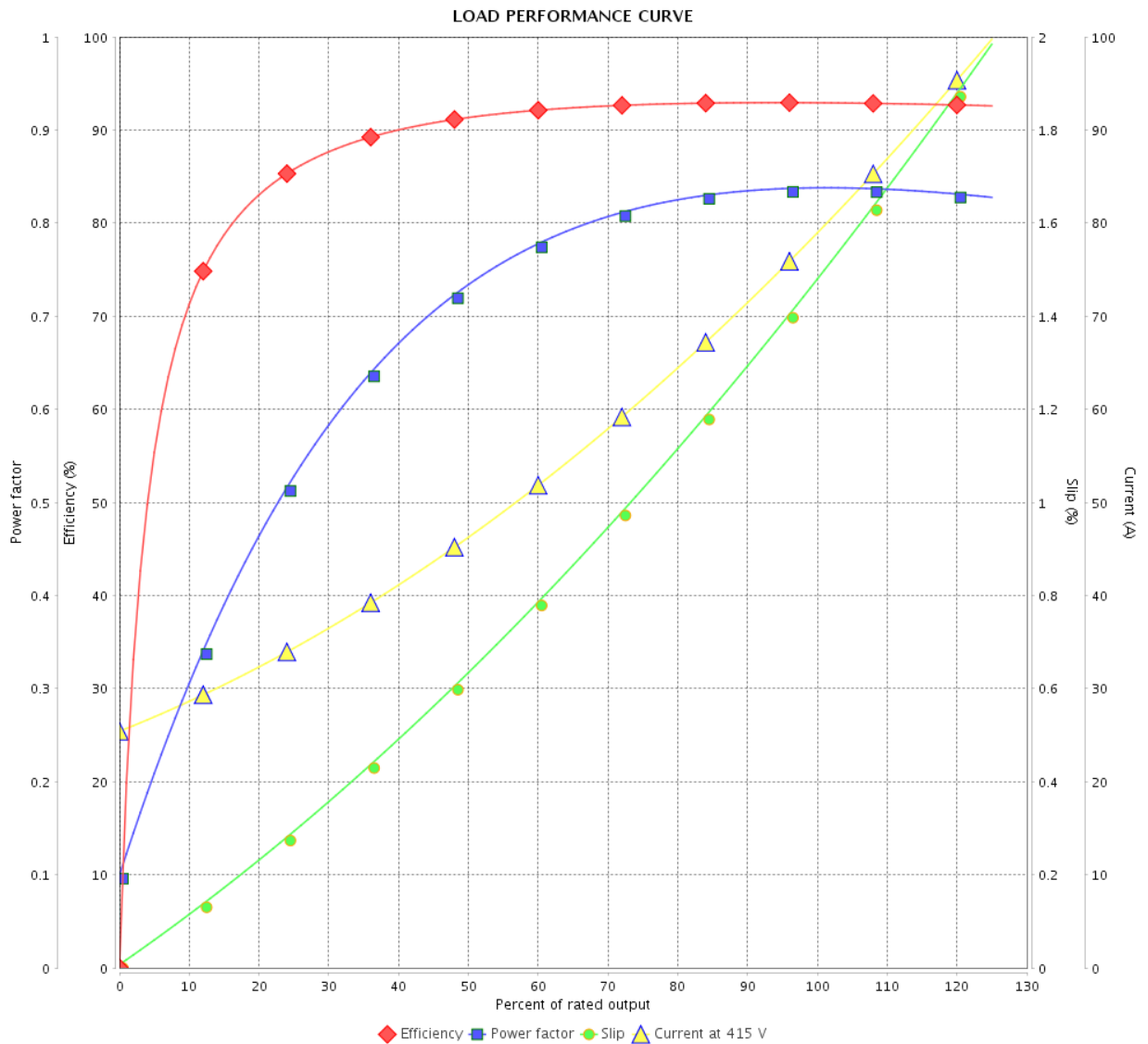


Customer : \_\_\_\_\_

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13469140

Catalog # : 06036OT3E326JPV



Performance : 415 V 50 Hz 2P IE2

Rated current : 80.1 A  
 LRC : 6.0  
 Rated torque : 107 ft.lb  
 Locked rotor torque : 200 %  
 Breakdown torque : 210 %  
 Rated speed : 2955 rpm

Moment of inertia (J) : 4.36 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 : 13469140  
Catalog # : 06036OT3E326JPV

Performance : 230/460 V 60 Hz 2P

Rated current	: 142/71.0 A	Moment of inertia (J)	: 4.36 sq.ft.lb
LRC	: 6.0	Duty cycle	: Cont.(S1)
Rated torque	: 88.5 ft.lb	Insulation class	: F
Locked rotor torque	: 220 %	Service factor	: 1.15
Breakdown torque	: 229 %	Temperature rise	: 80 K
Rated speed	: 3560 rpm	Design	: B

Heating constant

Cooling constant

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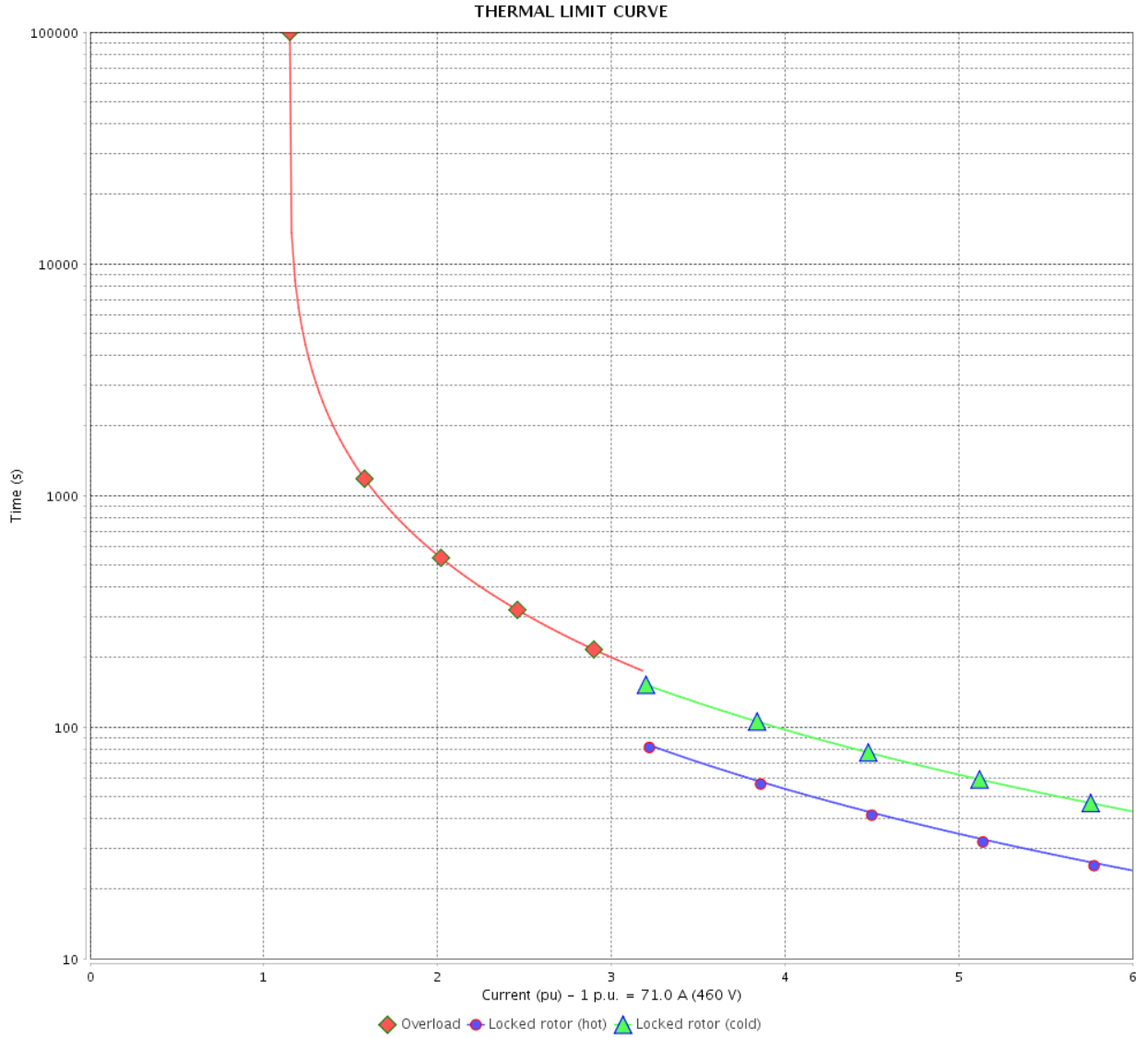


# THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : \_\_\_\_\_



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# THERMAL LIMIT CURVE



## Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase  
Product code : 13469140  
Catalog # : 06036OT3E326JPV

Performance : 380 V 50 Hz 2P IE3

Rated current	: 69.8 A	Moment of inertia (J)	: 4.36 sq.ft.lb
LRC	: 5.5	Duty cycle	: Cont.(S1)
Rated torque	: 88.7 ft.lb	Insulation class	: F
Locked rotor torque	: 210 %	Service factor	: 1.15
Breakdown torque	: 210 %	Temperature rise	: 80 K
Rated speed	: 2960 rpm	Design	: B

Heating constant

Cooling constant

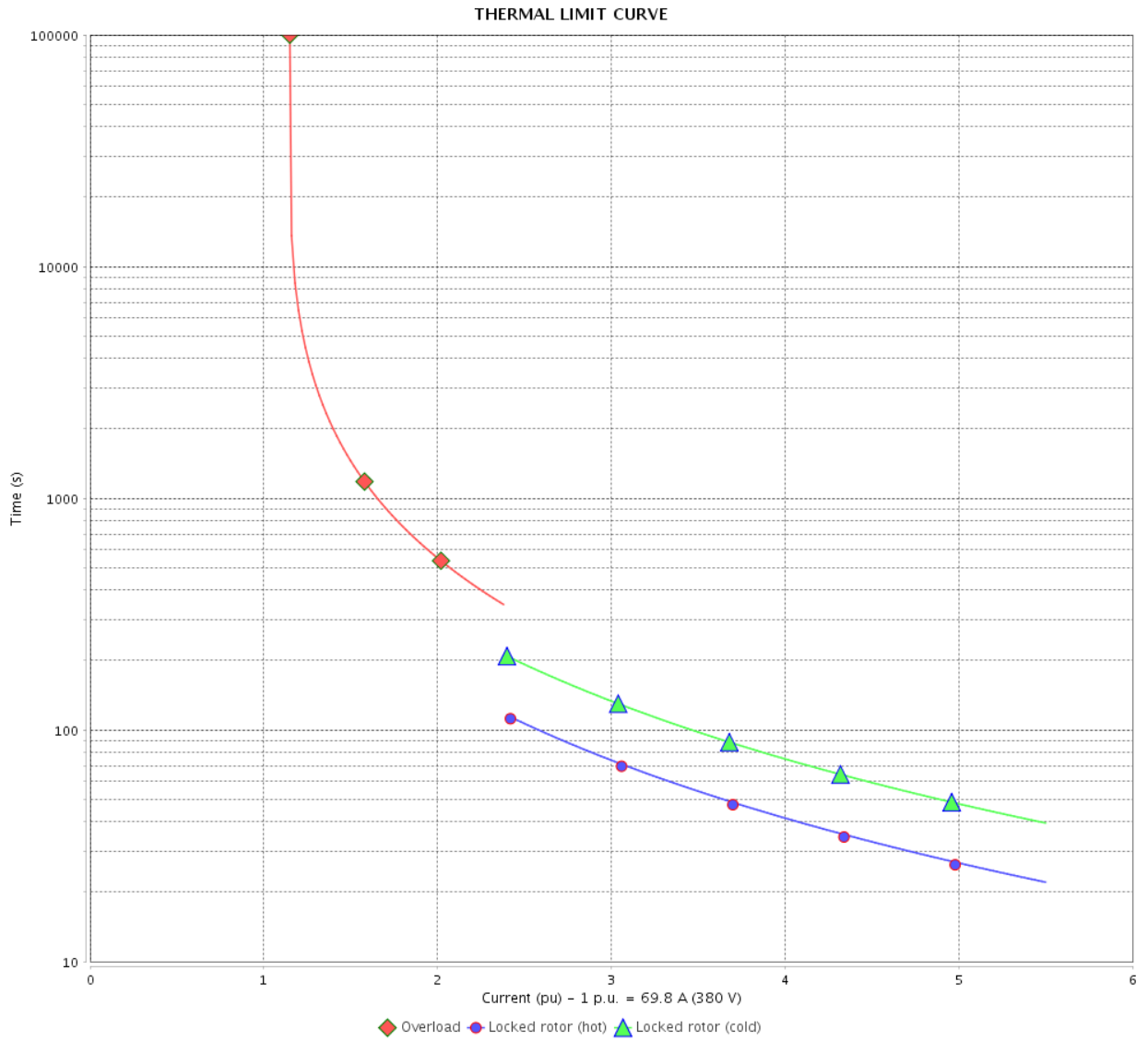
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# THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : \_\_\_\_\_



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# THERMAL LIMIT CURVE



## Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase  
Product code : 13469140  
Catalog # : 06036OT3E326JPV

Performance : 400 V 50 Hz 2P IE3

Rated current	: 67.9 A	Moment of inertia (J)	: 4.36 sq.ft.lb
LRC	: 6.2	Duty cycle	: Cont.(S1)
Rated torque	: 88.6 ft.lb	Insulation class	: F
Locked rotor torque	: 229 %	Service factor	: 1.15
Breakdown torque	: 240 %	Temperature rise	: 80 K
Rated speed	: 2965 rpm	Design	: B

Heating constant

Cooling constant

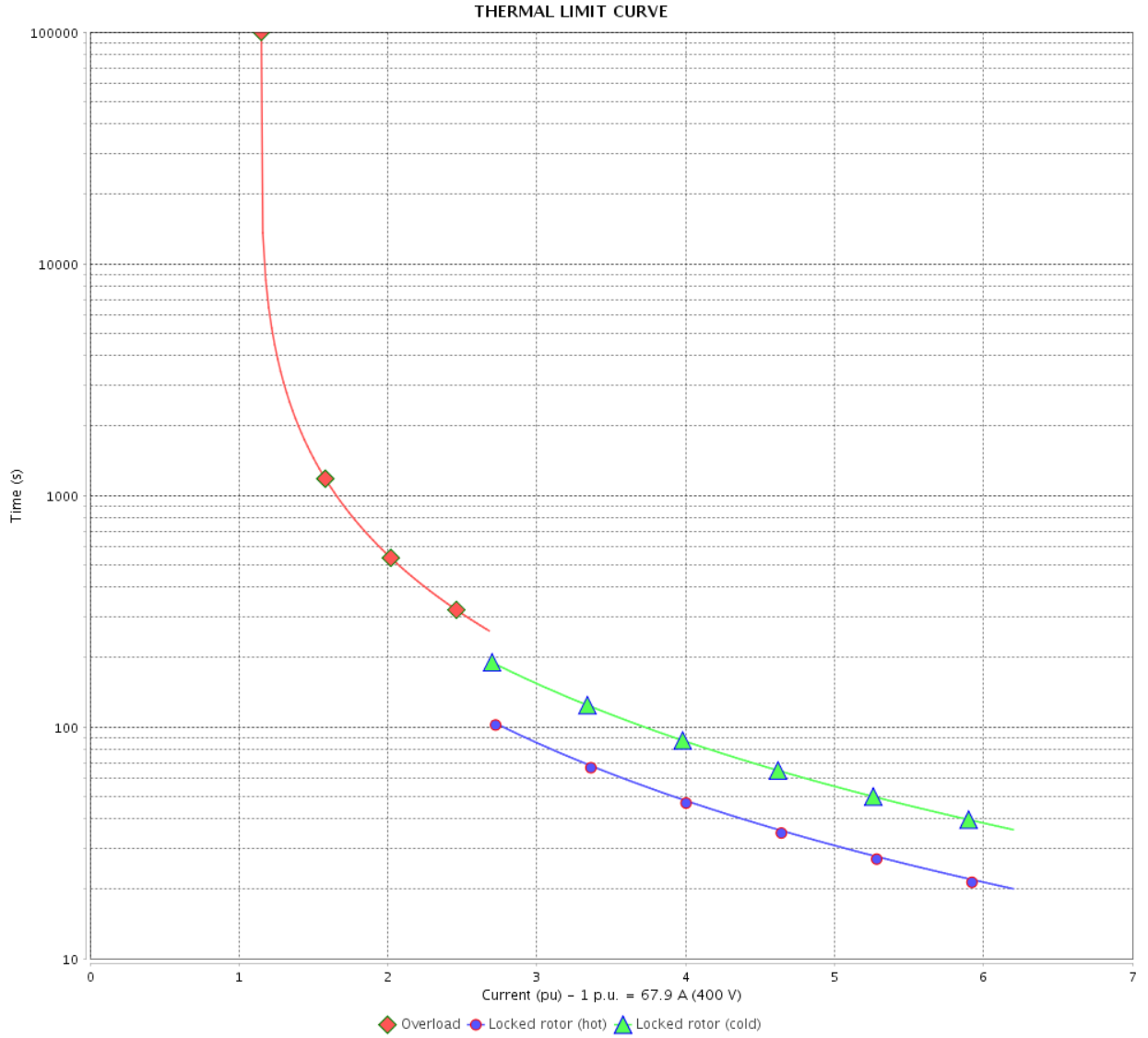
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# THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : \_\_\_\_\_



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# THERMAL LIMIT CURVE



## Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase  
 Product code : 13469140  
 Catalog # : 06036OT3E326JPV

Performance : 415 V 50 Hz 2P IE3

Rated current : 66.1 A	Moment of inertia (J) : 4.36 sq.ft.lb
LRC : 7.0	Duty cycle : Cont.(S1)
Rated torque : 88.6 ft.lb	Insulation class : F
Locked rotor torque : 240 %	Service factor : 1.15
Breakdown torque : 260 %	Temperature rise : 80 K
Rated speed : 2965 rpm	Design : B

Heating constant

Cooling constant

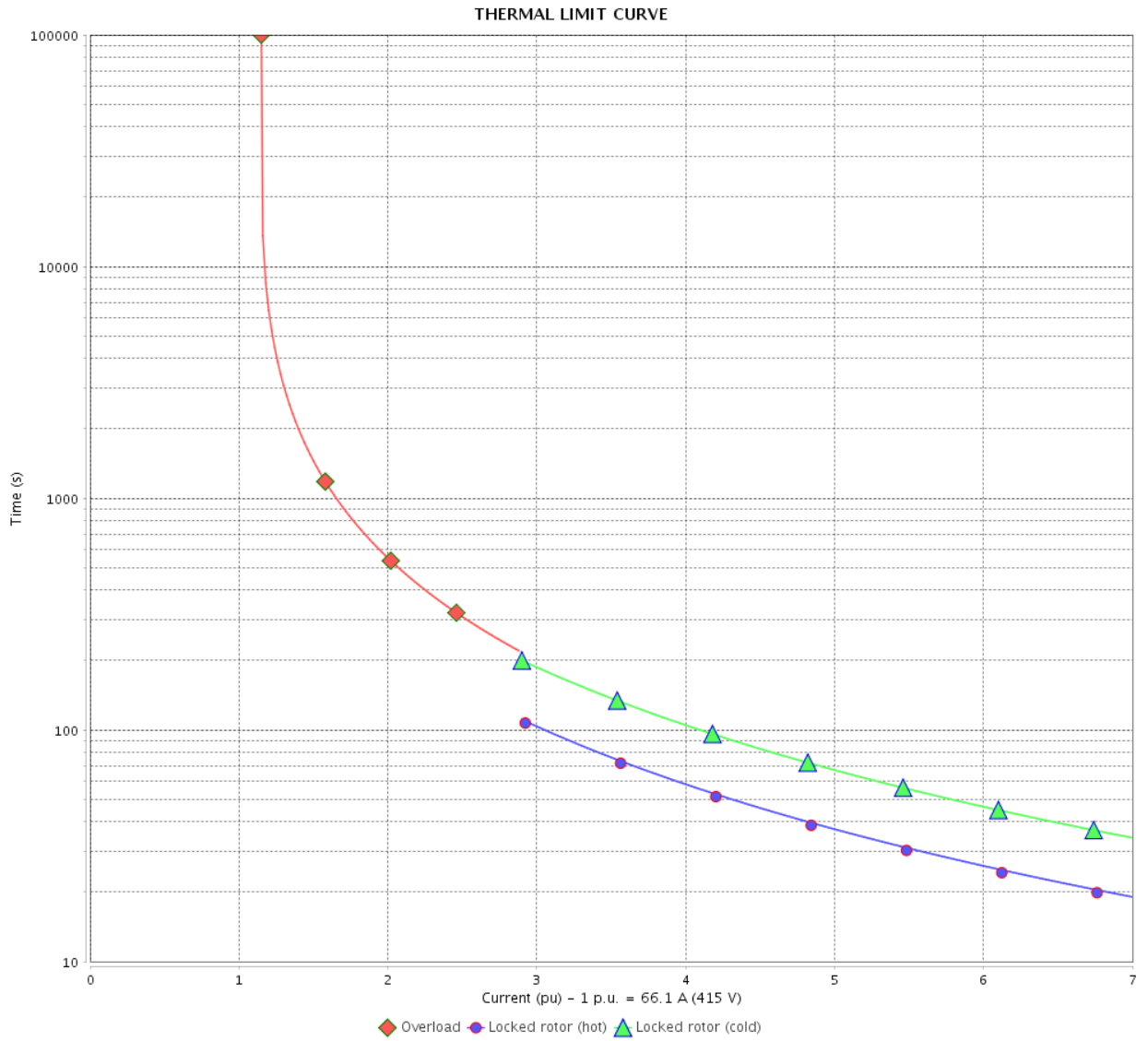
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# THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : \_\_\_\_\_



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# THERMAL LIMIT CURVE

## Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase  
Product code : 13469140  
Catalog # : 06036OT3E326JPV

Performance : 380 V 50 Hz 2P IE1

Rated current	: 86.7 A	Moment of inertia (J)	: 4.36 sq.ft.lb
LRC	: 4.8	Duty cycle	: Cont.(S1)
Rated torque	: 107 ft.lb	Insulation class	: F
Locked rotor torque	: 170 %	Service factor	: 1.15
Breakdown torque	: 180 %	Temperature rise	: 80 K
Rated speed	: 2940 rpm	Design	: B

Heating constant

Cooling constant

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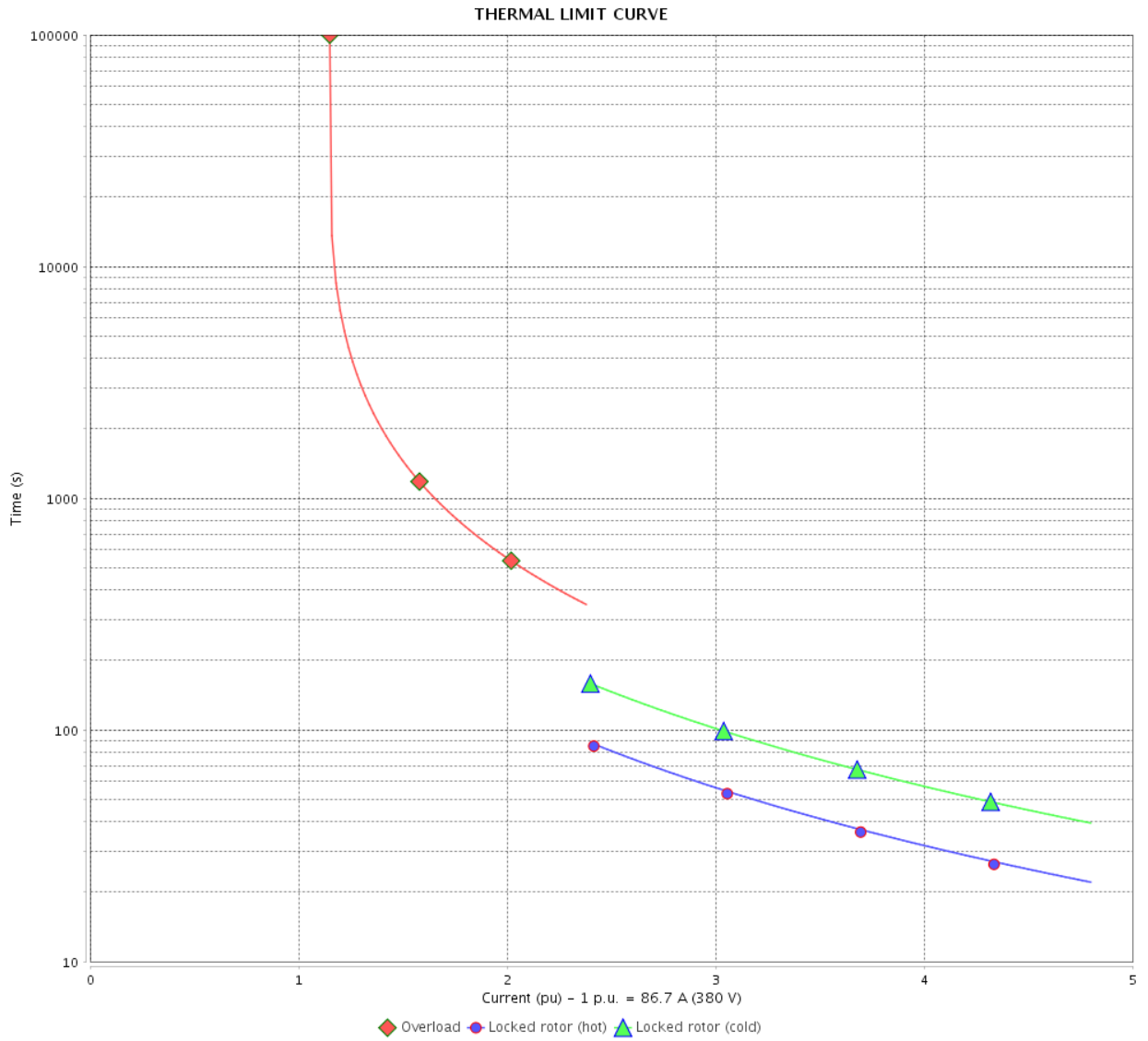


# THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : \_\_\_\_\_



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# THERMAL LIMIT CURVE

## Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase  
Product code : 13469140  
Catalog # : 06036OT3E326JPV

Performance : 400 V 50 Hz 2P IE2

Rated current	: 82.3 A	Moment of inertia (J)	: 4.36 sq.ft.lb
LRC	: 5.3	Duty cycle	: Cont.(S1)
Rated torque	: 107 ft.lb	Insulation class	: F
Locked rotor torque	: 180 %	Service factor	: 1.15
Breakdown torque	: 200 %	Temperature rise	: 80 K
Rated speed	: 2950 rpm	Design	: B

Heating constant

Cooling constant

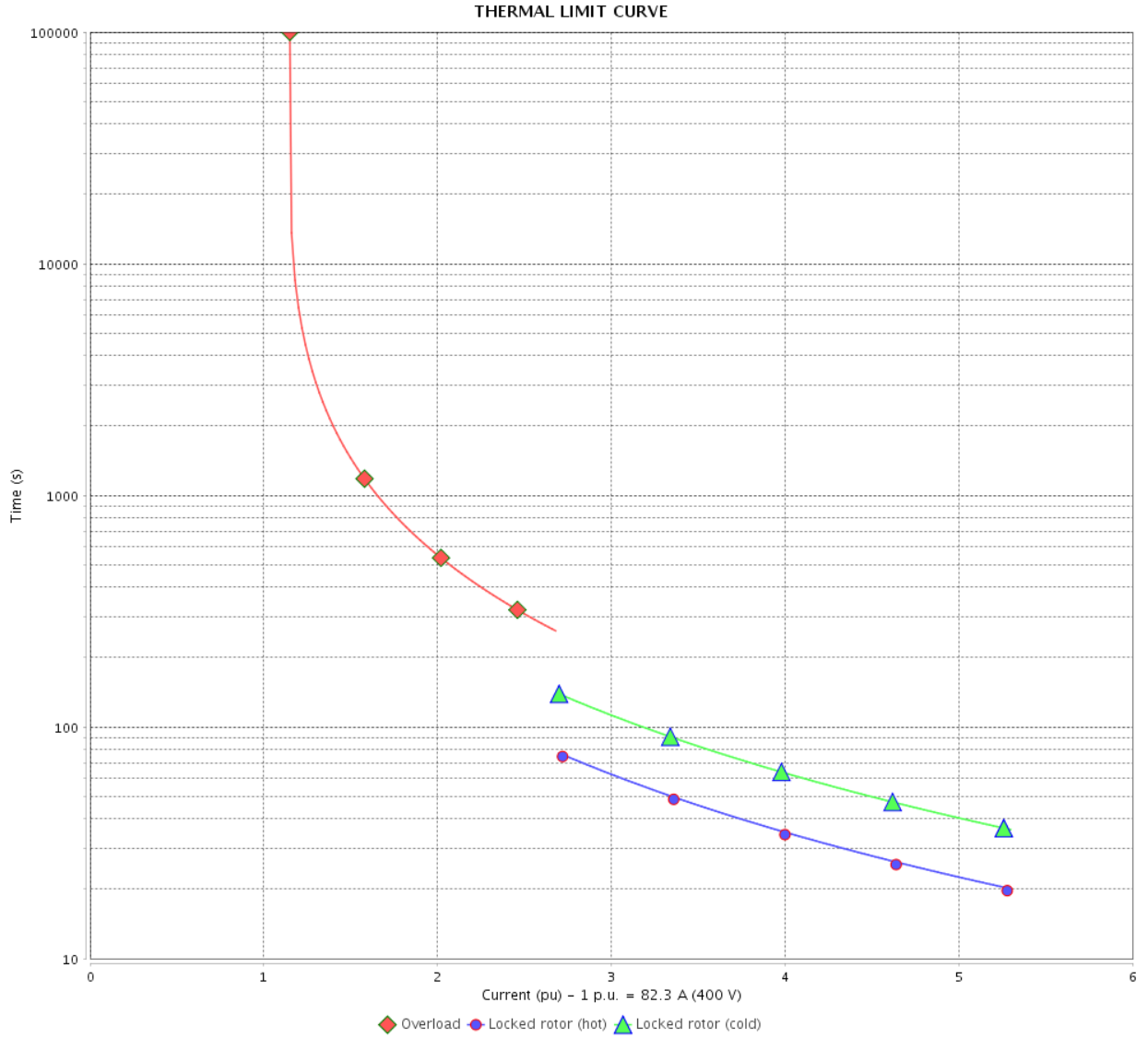
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
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# THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : \_\_\_\_\_



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Date		13/04/2022		

# THERMAL LIMIT CURVE



## Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase  
 Product code : 13469140  
 Catalog # : 06036OT3E326JPV

Performance : 415 V 50 Hz 2P IE2

Rated current : 80.1 A	Moment of inertia (J) : 4.36 sq.ft.lb
LRC : 6.0	Duty cycle : Cont.(S1)
Rated torque : 107 ft.lb	Insulation class : F
Locked rotor torque : 200 %	Service factor : 1.15
Breakdown torque : 210 %	Temperature rise : 80 K
Rated speed : 2955 rpm	Design : B

Heating constant

Cooling constant

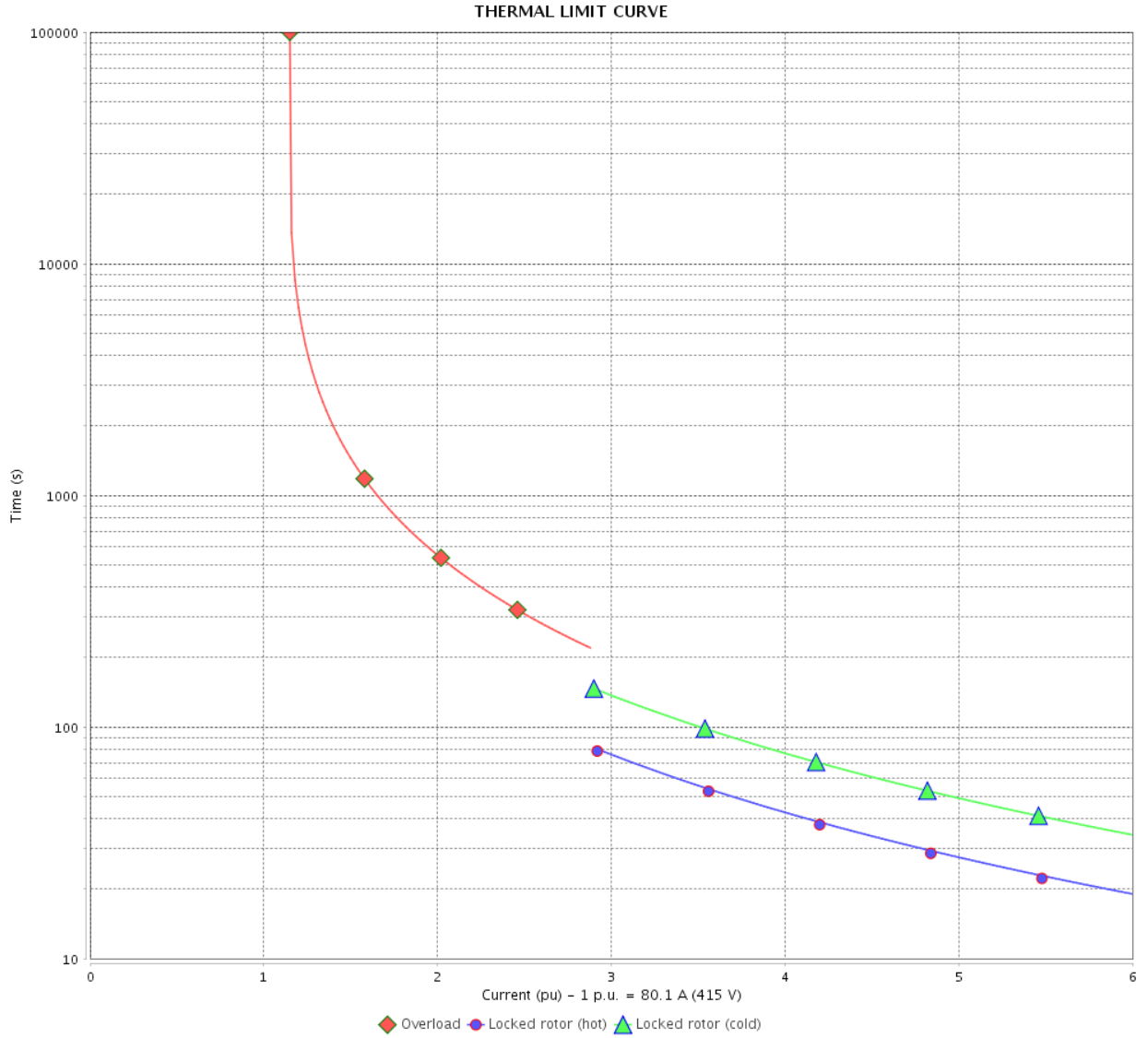
Rev.	Changes Summary	Performed	Checked	Date
Performed by			Page 28 / 36	Revision
Checked by				
Date	13/04/2022			

# THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : \_\_\_\_\_



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Performed by		Page		Revision
Checked by				
Date				

# VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



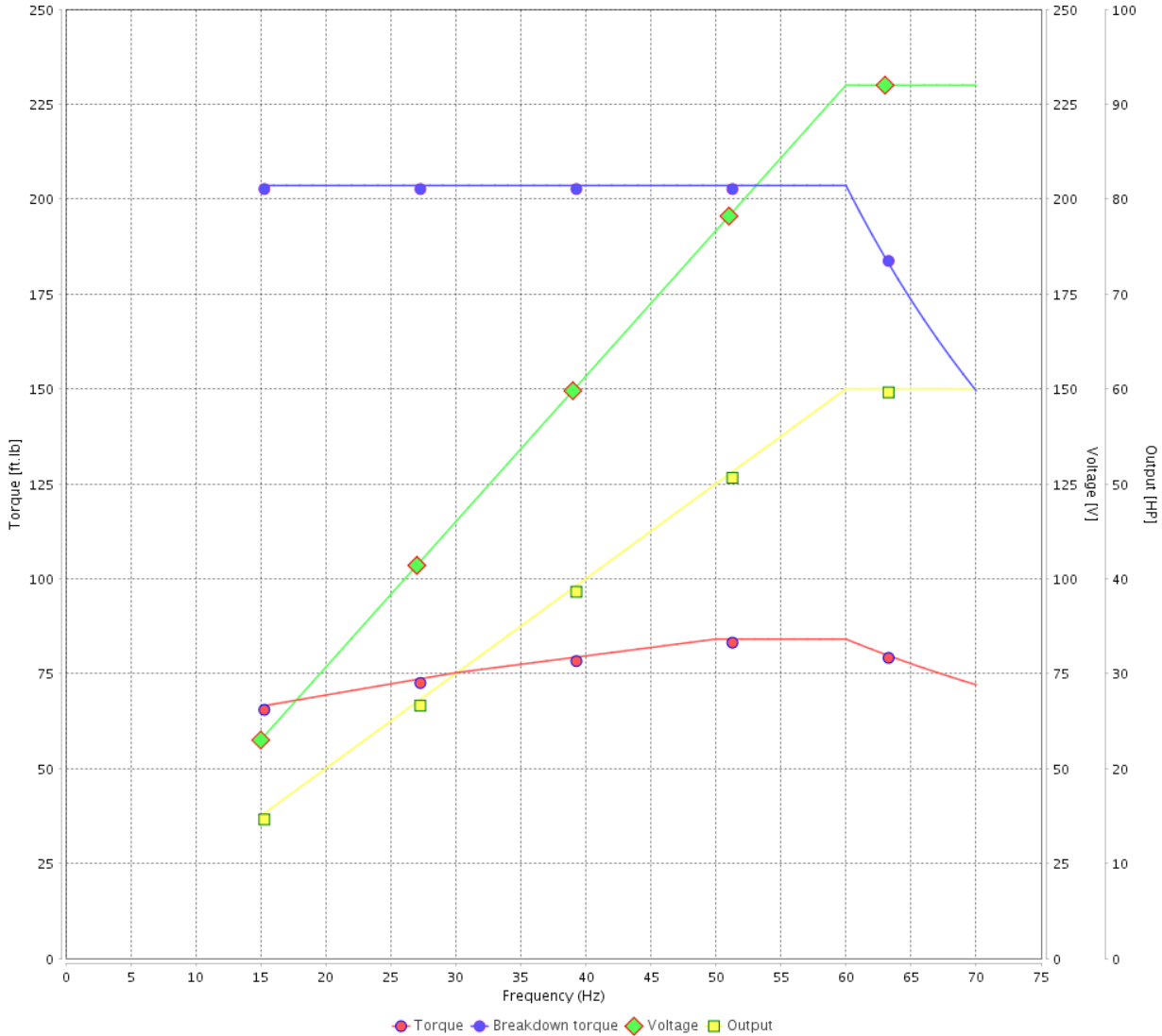
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13469140

Catalog # : 06036OT3E326JPV

VFD OPERATION CURVE



Performance : 230/460 V 60 Hz 2P

Rated current : 142/71.0 A  
 LRC : 6.0  
 Rated torque : 88.5 ft.lb  
 Locked rotor torque : 220 %  
 Breakdown torque : 229 %  
 Rated speed : 3560 rpm

Moment of inertia (J) : 4.36 sq.ft.lb  
 Duty cycle : Cont.(S1)  
 Insulation class : F  
 Service factor : 1.15  
 Temperature rise : 80 K  
 Design : B

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# VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

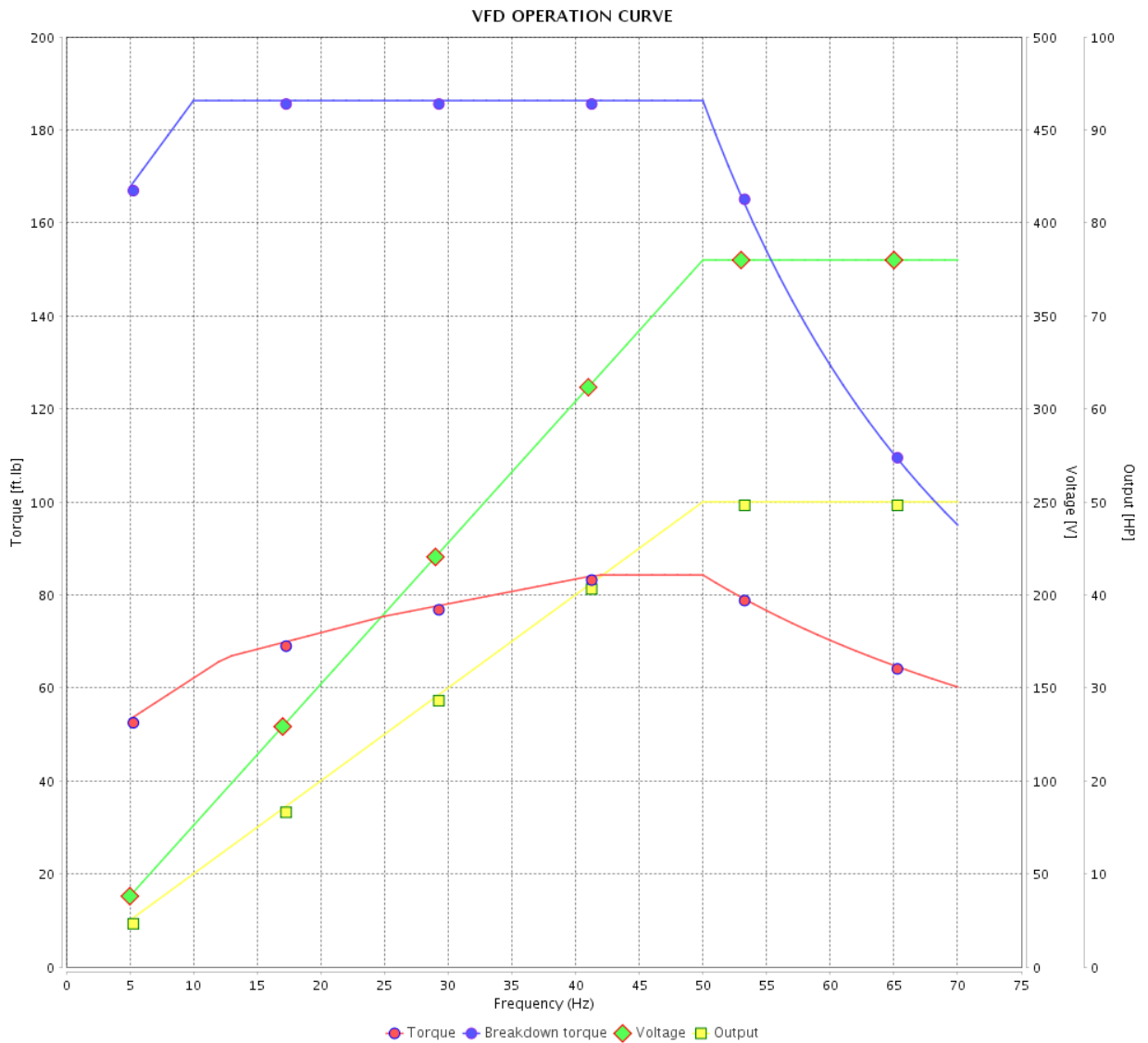


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13469140

Catalog # : 06036OT3E326JPV



Performance : 380 V 50 Hz 2P IE3

Rated current : 69.8 A  
 LRC : 5.5  
 Rated torque : 88.7 ft.lb  
 Locked rotor torque : 210 %  
 Breakdown torque : 210 %  
 Rated speed : 2960 rpm

Moment of inertia (J) : 4.36 sq.ft.lb  
 Duty cycle : Cont.(S1)  
 Insulation class : F  
 Service factor : 1.15  
 Temperature rise : 80 K  
 Design : B

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# VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

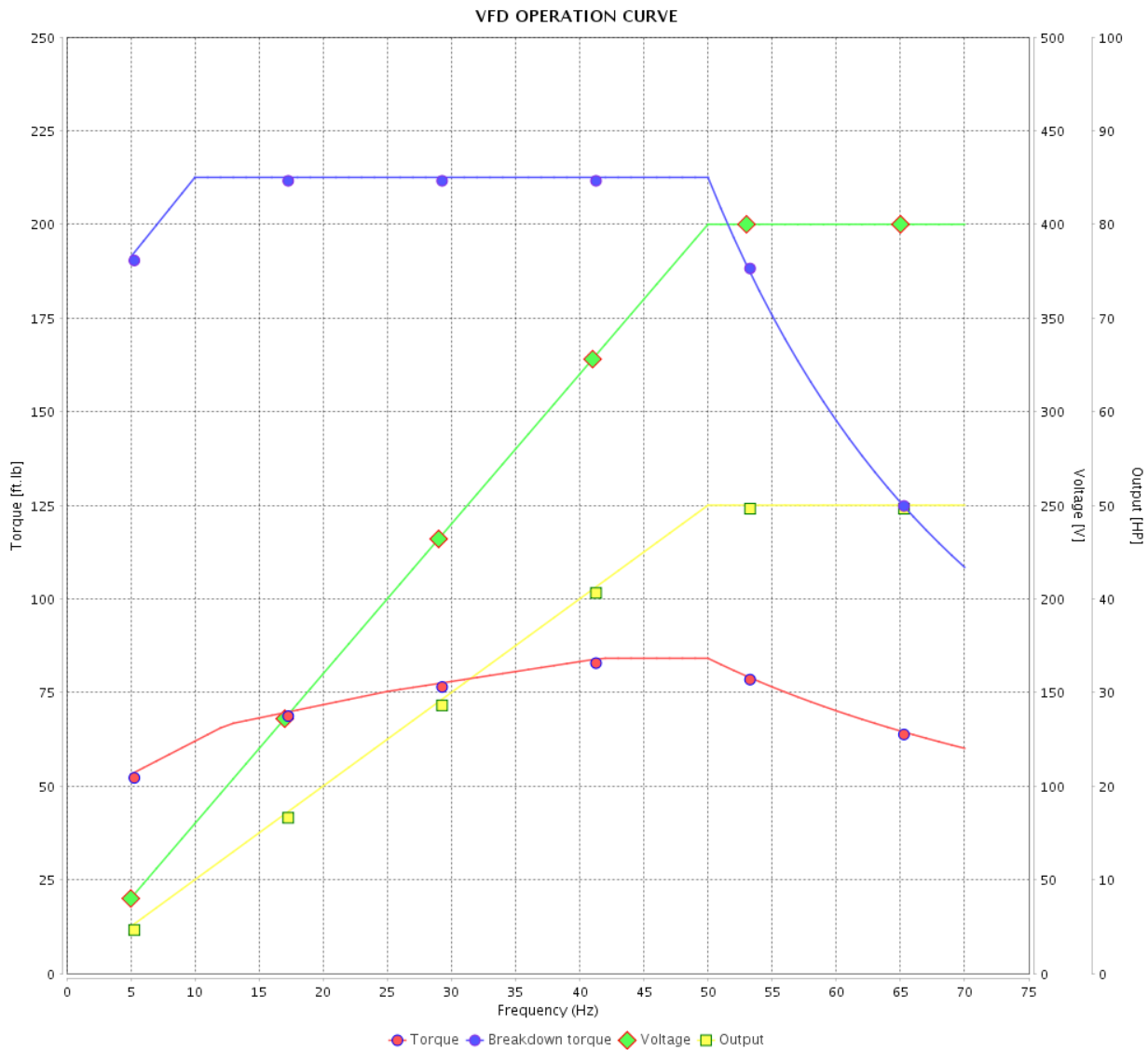


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13469140

Catalog # : 06036OT3E326JPV



Performance : 400 V 50 Hz 2P IE3

Rated current : 67.9 A  
 LRC : 6.2  
 Rated torque : 88.6 ft.lb  
 Locked rotor torque : 229 %  
 Breakdown torque : 240 %  
 Rated speed : 2965 rpm

Moment of inertia (J) : 4.36 sq.ft.lb  
 Duty cycle : Cont.(S1)  
 Insulation class : F  
 Service factor : 1.15  
 Temperature rise : 80 K  
 Design : B

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# VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

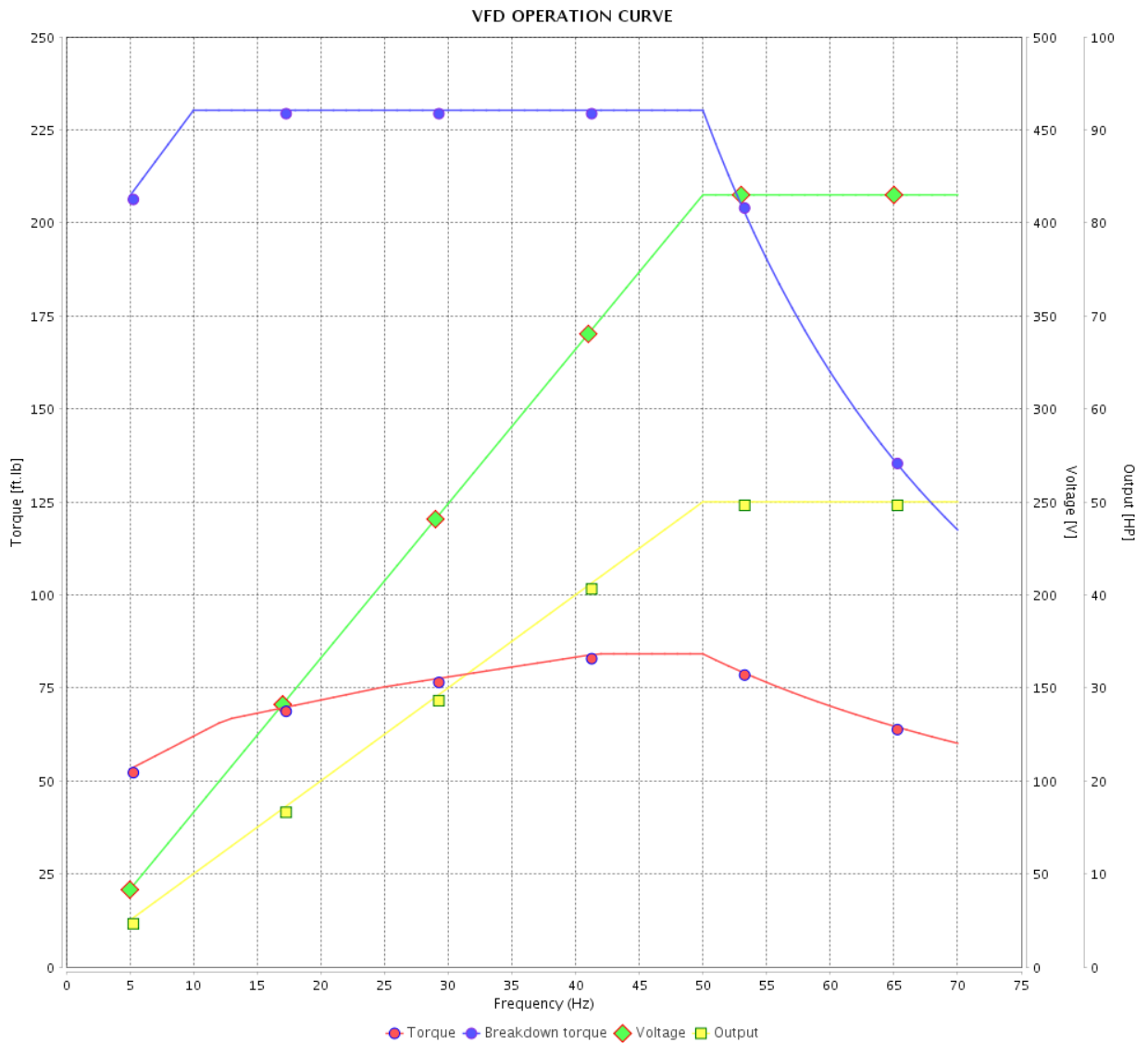


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13469140

Catalog # : 06036OT3E326JPV



Performance : 415 V 50 Hz 2P IE3

Rated current : 66.1 A  
 LRC : 7.0  
 Rated torque : 88.6 ft.lb  
 Locked rotor torque : 240 %  
 Breakdown torque : 260 %  
 Rated speed : 2965 rpm

Moment of inertia (J) : 4.36 sq.ft.lb  
 Duty cycle : Cont.(S1)  
 Insulation class : F  
 Service factor : 1.15  
 Temperature rise : 80 K  
 Design : B

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# VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

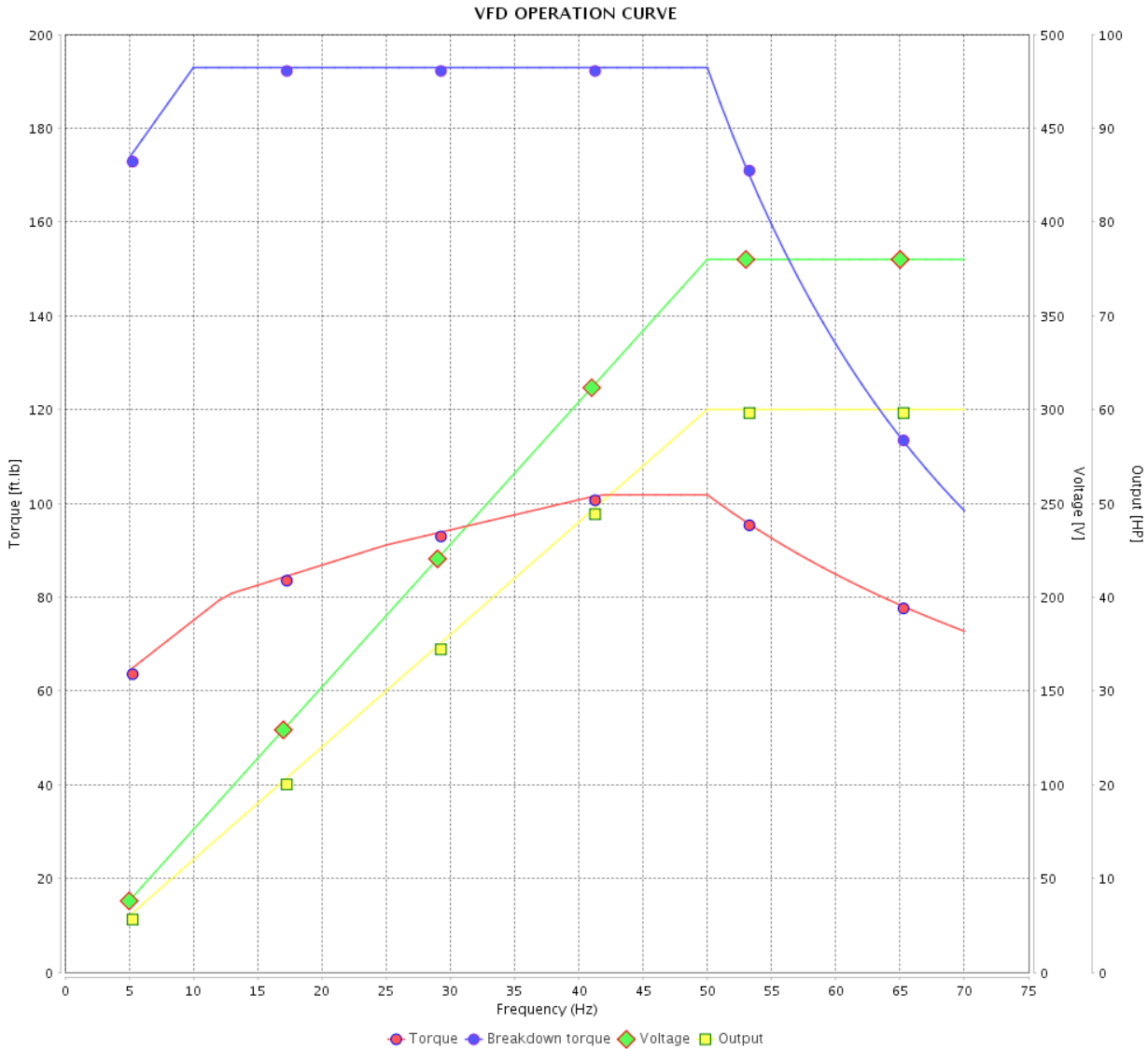


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13469140

Catalog # : 06036OT3E326JPV



Performance : 380 V 50 Hz 2P IE1

Rated current : 86.7 A  
 LRC : 4.8  
 Rated torque : 107 ft.lb  
 Locked rotor torque : 170 %  
 Breakdown torque : 180 %  
 Rated speed : 2940 rpm

Moment of inertia (J) : 4.36 sq.ft.lb  
 Duty cycle : Cont.(S1)  
 Insulation class : F  
 Service factor : 1.15  
 Temperature rise : 80 K  
 Design : B

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Checked by				
Date				

# VFD OPERATION CURVE

## Three Phase Induction Motor - Squirrel Cage

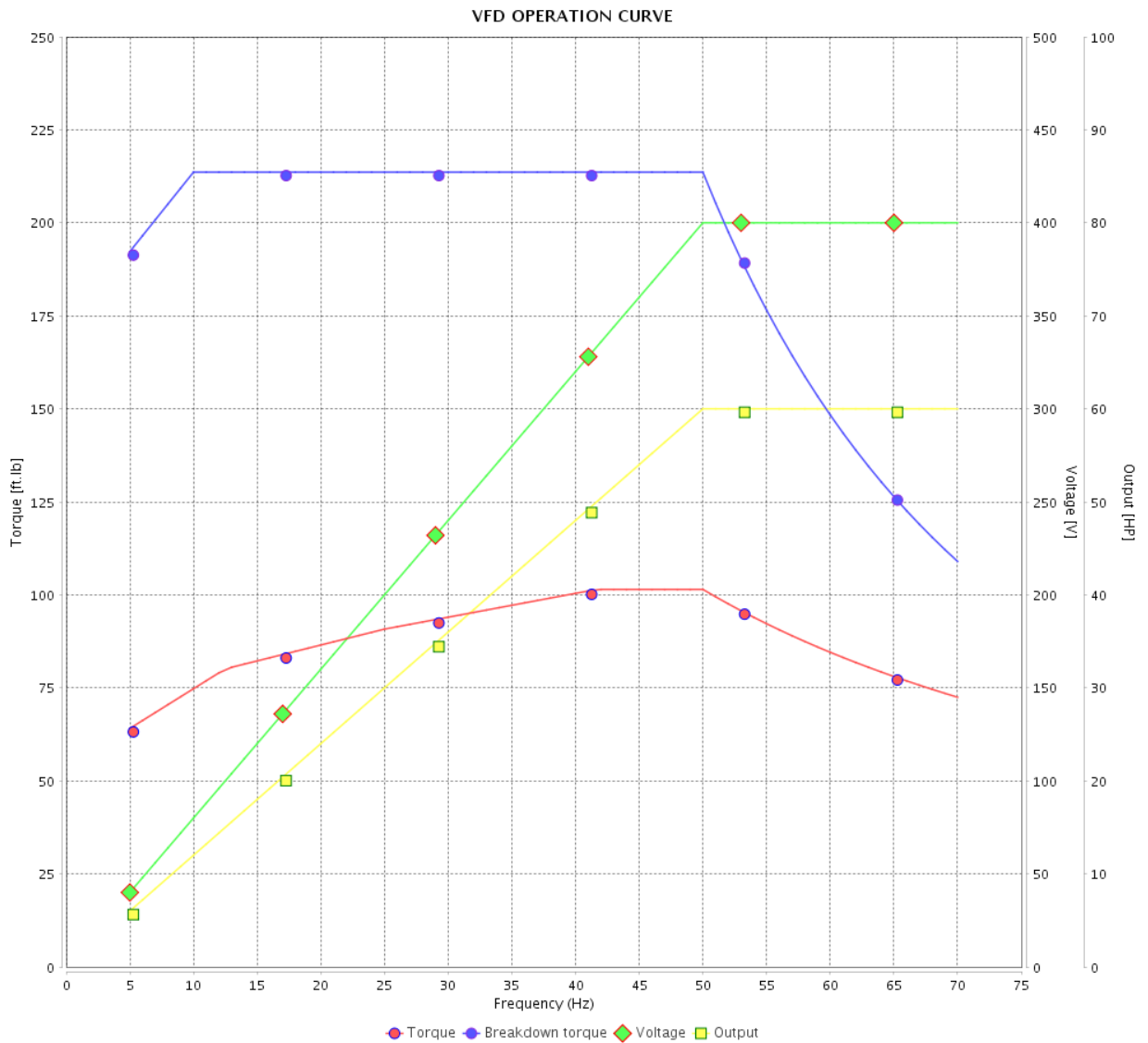


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13469140

Catalog # : 06036OT3E326JPV



Performance : 400 V 50 Hz 2P IE2

Rated current : 82.3 A  
 LRC : 5.3  
 Rated torque : 107 ft.lb  
 Locked rotor torque : 180 %  
 Breakdown torque : 200 %  
 Rated speed : 2950 rpm

Moment of inertia (J) : 4.36 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		Revision
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Date	13/04/2022			

# VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

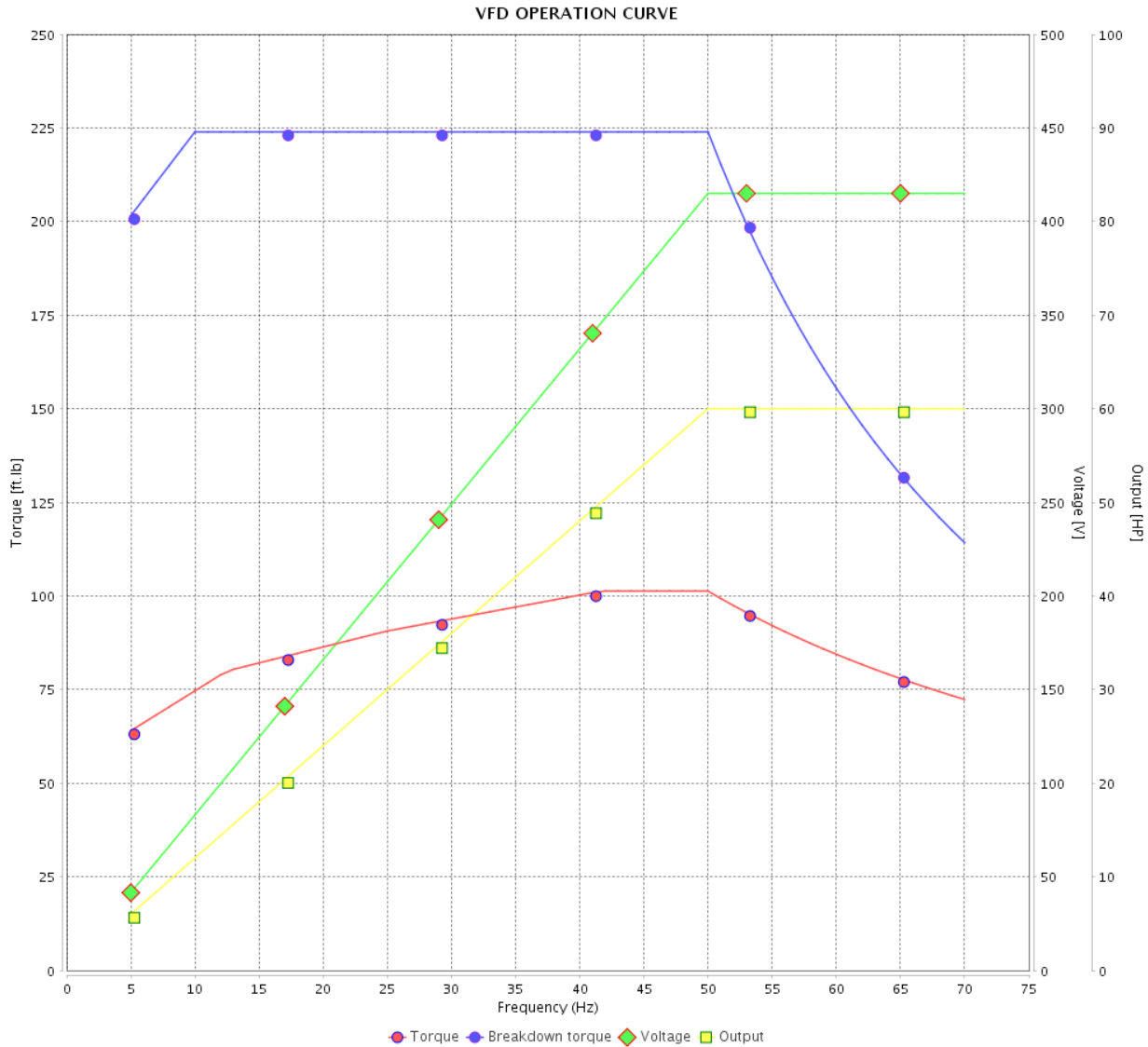


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13469140

Catalog # : 06036OT3E326JPV

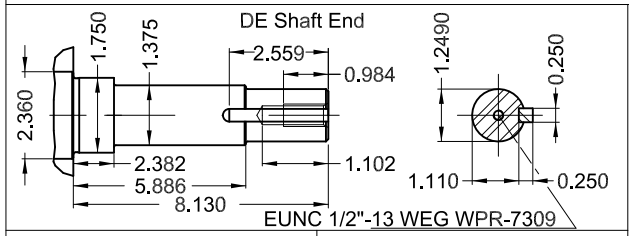
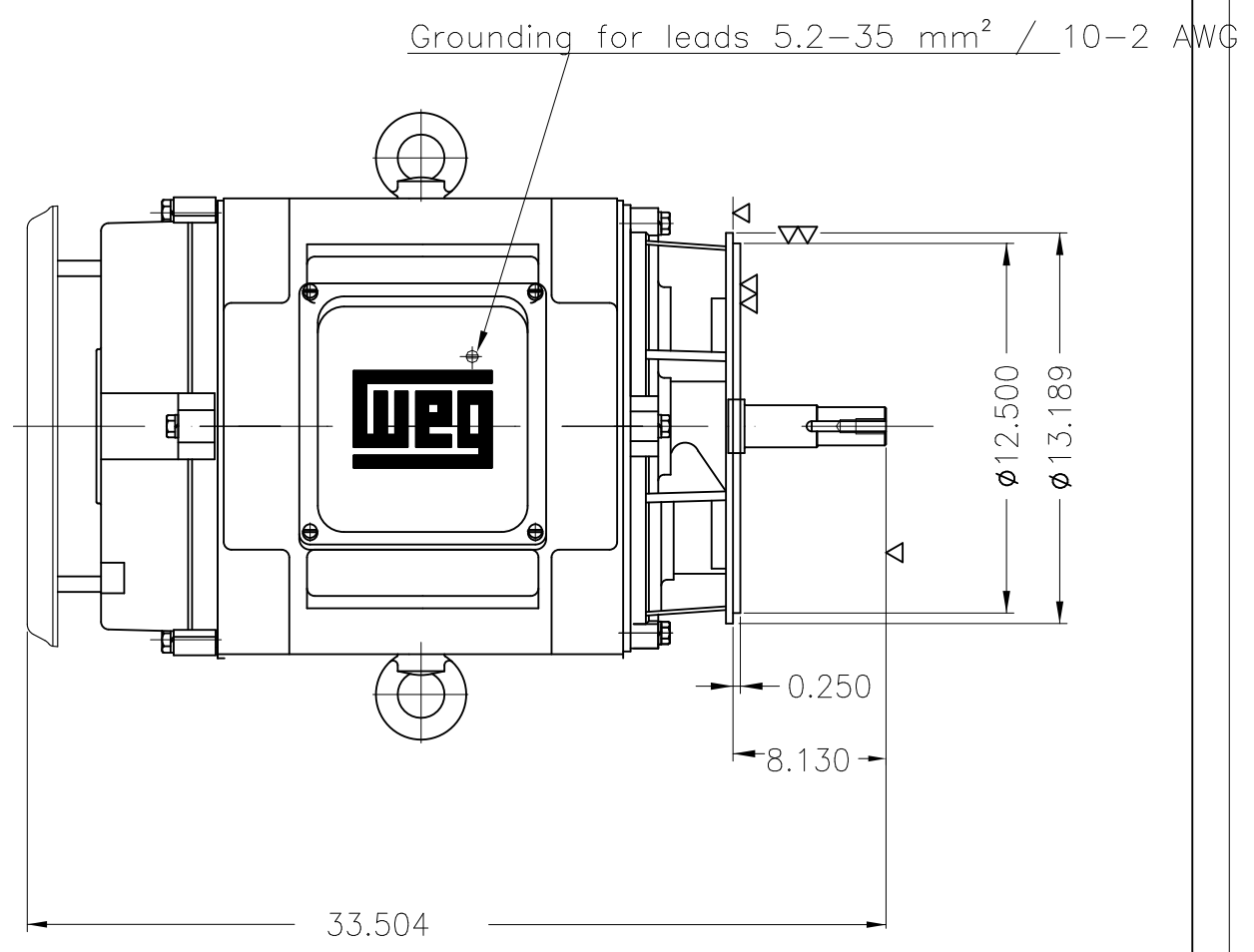
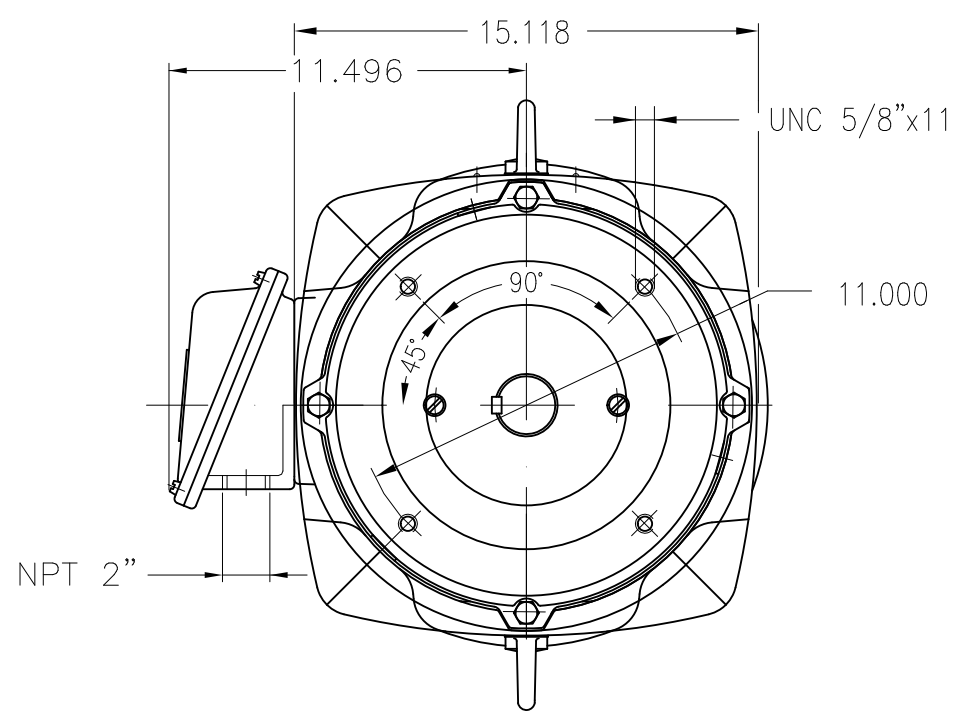


Performance : 415 V 50 Hz 2P IE2

Rated current : 80.1 A  
 LRC : 6.0  
 Rated torque : 107 ft.lb  
 Locked rotor torque : 200 %  
 Breakdown torque : 210 %  
 Rated speed : 2955 rpm

Moment of inertia (J) : 4.36 sq.ft.lb  
 Duty cycle : Cont.(S1)  
 Insulation class : F  
 Service factor : 1.15  
 Temperature rise : 80 K  
 Design : B

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60 HP 02 Poles 60 Hz A

- Packing - crate
- Color RAL 5009
- Painting plan 203A
- Mounting NEMA W-6
- Mounting V18

ECM	LOC	SUMMARY OF MODIFICATIONS	EXECUTED	CHECKED	RELEASED	DATE	VER	
EXECUTED	PIRWBUSER	 THREE PH. MOTOR JM/JP/JET PUMP PREM. EFF. FRAME 326JP IP23 ODP						
CHECKED								
RELEASED								
REL DT.								
		WMO Jaragua do Sul	Product Engineering		SHEET 1 / 1			

Dimensions in inches XME A3