

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer							
Product line	: NEMA Premium Efficiency Three-Phase	Product code	: 11165997				
		Catalog #	: 15036ET3E445TS-W22				
Frame	: 444/5TS	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	: 1749 lb				
Protection degree	: IP55	Moment of inertia (J)	: 39.1 sq.ft.lb				
Design	: B						
Output [HP]	150	125	125	125	150	150	150
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]	326/163	162	154	148	200	189	182
L. R. Amperes [A]	2119/1060	988	1063	1080	1020	1077	1110
LRC [A]	6.5x(Code G)	6.1x(Code F)	6.9x(Code G)	7.3x(Code G)	5.1x(Code D)	5.7x(Code E)	6.1x(Code F)
No load current [A]	82.0/41.0	41.0	43.1	45.1	41.0	43.1	45.1
Rated speed [RPM]	3570	2965	2970	2970	2960	2965	2965
Slip [%]	0.83	1.17	1.00	1.00	1.33	1.17	1.17
Rated torque [ft.lb]	221	221	221	221	266	266	266
Locked rotor torque [%]	180	170	190	200	140	160	170
Breakdown torque [%]	240	229	250	280	190	210	229
Service factor	1.15	1.00	1.00	1.00	1.00	1.00	1.00
Temperature rise	80 K	80 K	80 K	80 K	105 K	105 K	80 K
Locked rotor time	39s (cold) 22s (hot)	30s (cold) 17s (hot)	30s (cold) 17s (hot)	30s (cold) 17s (hot)	30s (cold) 17s (hot)	30s (cold) 17s (hot)	30s (cold) 17s (hot)
Noise level ²	81.0 dB(A)	77.0 dB(A)	77.0 dB(A)	77.0 dB(A)	77.0 dB(A)	77.0 dB(A)	77.0 dB(A)
Efficiency (%)	25%						
	50%	94.1	93.7	94.1	94.1	94.1	94.5
	75%	95.0	94.4	94.9	94.9	94.5	95.0
	100%	95.0	95.0	95.0	95.0	94.1	94.5
Power Factor	25%						
	50%	0.83	0.81	0.79	0.77	0.86	0.84
	75%	0.88	0.88	0.88	0.87	0.89	0.89
	100%	0.89	0.89	0.89	0.89	0.89	0.89
Bearing type	: Drive end 6314 C3	Non drive end 6314 C3	Foundation loads				
Sealing	: WSeal	WSeal	Max. traction : 754 lb				
Lubrication interval	: 4000 h	4000 h	Max. compression : 2503 lb				
Lubricant amount	: 27 g	27 g					
Lubricant type	: Mobil Polyrex EM						
Notes							
USABLE @208V 356A SF 1.00 SFA 356A							
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



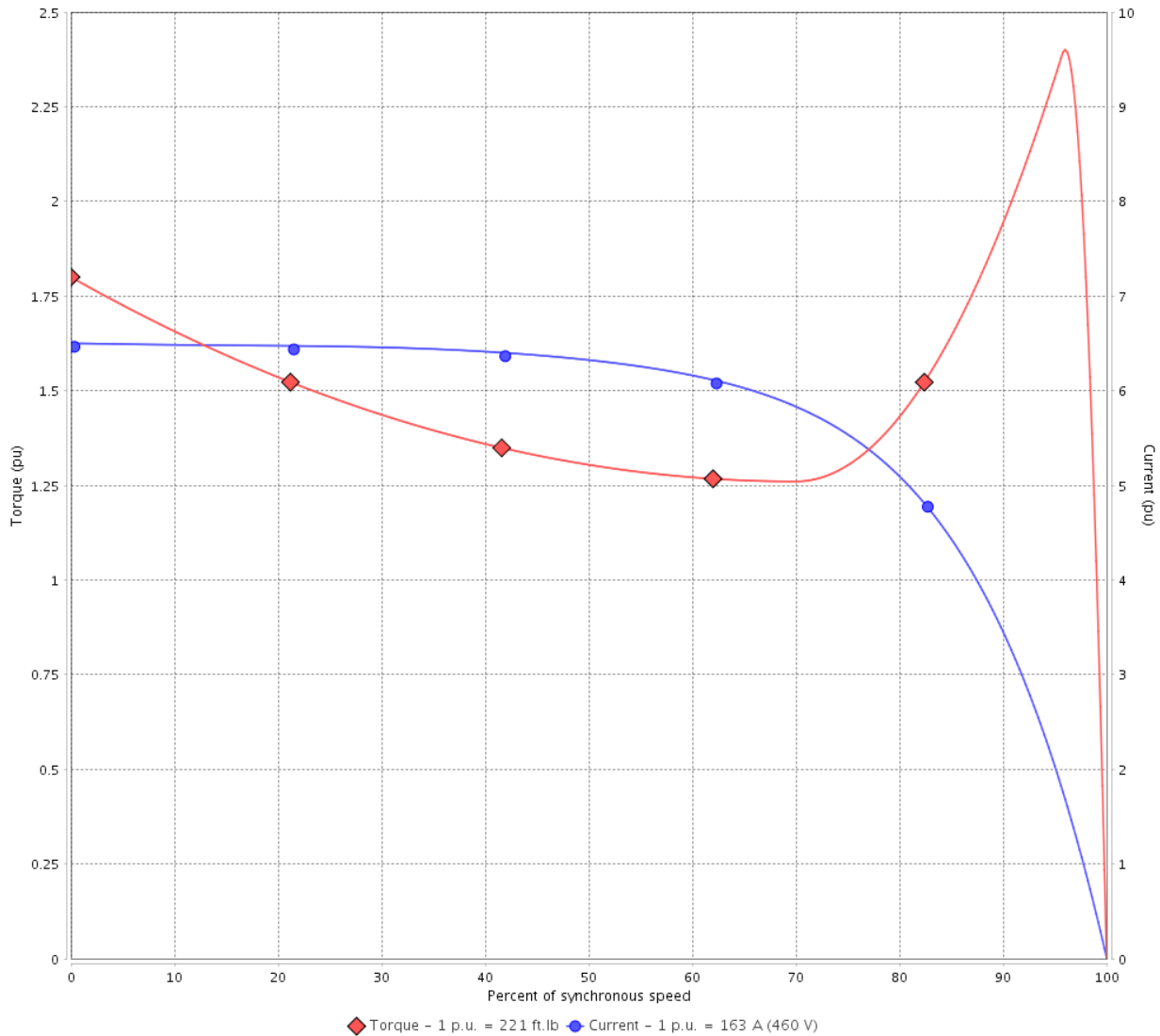
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11165997

Catalog # : 15036ET3E445TS-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 230/460 V 60 Hz 2P

Rated current	: 326/163 A	Moment of inertia (J)	: 39.1 sq.ft.lb
LRC	: 6.5	Duty cycle	: Cont.(S1)
Rated torque	: 221 ft.lb	Insulation class	: F
Locked rotor torque	: 180 %	Service factor	: 1.15
Breakdown torque	: 240 %	Temperature rise	: 80 K
Rated speed	: 3570 rpm	Design	: B

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

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TORQUE AND CURRENT VS SPEED CURVE



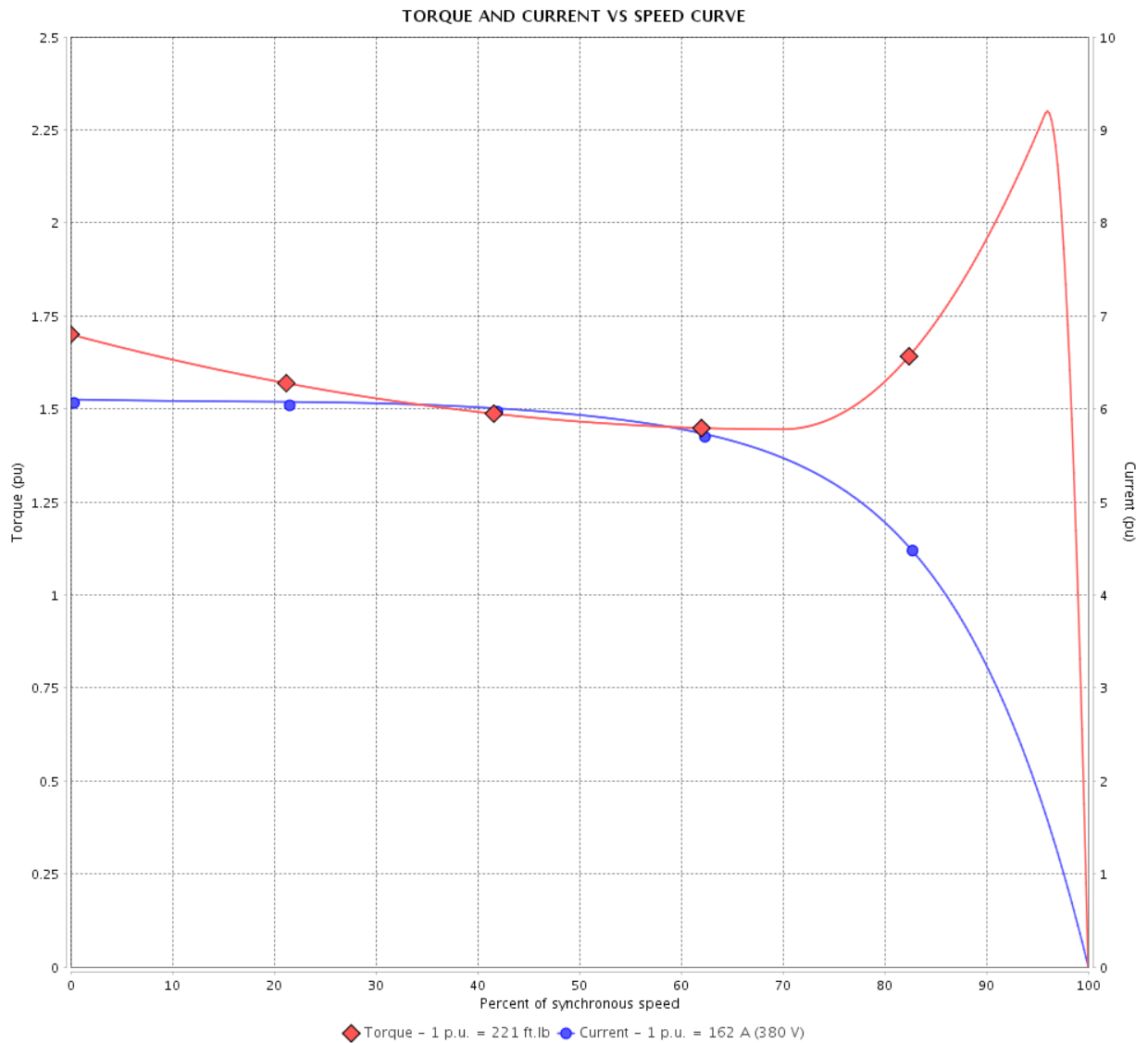
Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11165997

Catalog # : 15036ET3E445TS-W22



Performance : 380 V 50 Hz 2P IE3

Rated current	: 162 A	Moment of inertia (J)	: 39.1 sq.ft.lb
LRC	: 6.1	Duty cycle	: Cont.(S1)
Rated torque	: 221 ft.lb	Insulation class	: F
Locked rotor torque	: 170 %	Service factor	: 1.00
Breakdown torque	: 229 %	Temperature rise	: 80 K
Rated speed	: 2965 rpm	Design	: B

Locked rotor time : 30s (cold) 17s (hot)

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



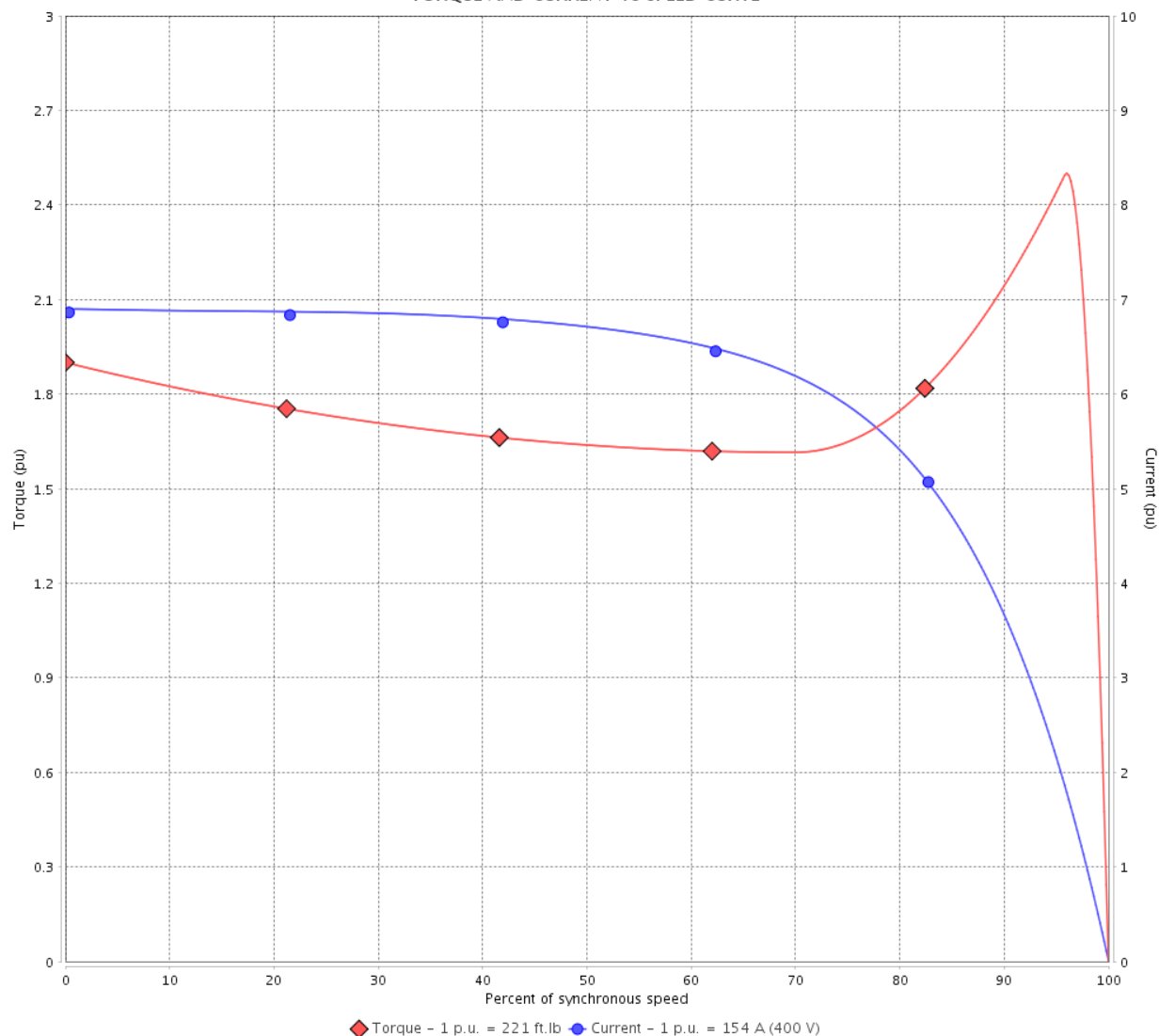
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11165997

Catalog # : 15036ET3E445TS-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 400 V 50 Hz 2P IE3

Rated current	: 154 A	Moment of inertia (J)	: 39.1 sq.ft.lb
LRC	: 6.9	Duty cycle	: Cont.(S1)
Rated torque	: 221 ft.lb	Insulation class	: F
Locked rotor torque	: 190 %	Service factor	: 1.00
Breakdown torque	: 250 %	Temperature rise	: 80 K
Rated speed	: 2970 rpm	Design	: B

Locked rotor time : 30s (cold) 17s (hot)

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TORQUE AND CURRENT VS SPEED CURVE



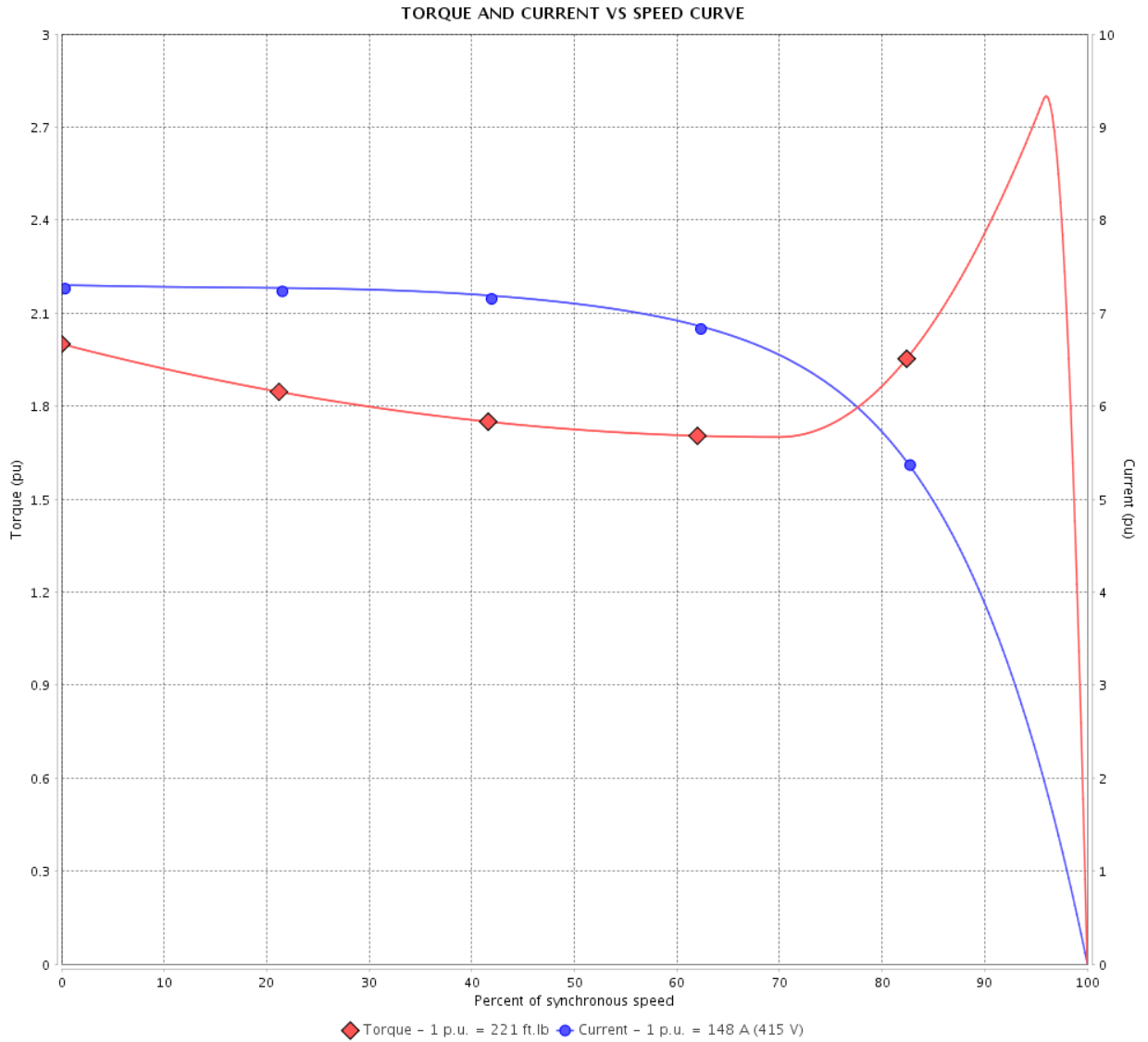
Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11165997

Catalog # : 15036ET3E445TS-W22



Performance : 415 V 50 Hz 2P IE3

Rated current	: 148 A	Moment of inertia (J)	: 39.1 sq.ft.lb
LRC	: 7.3	Duty cycle	: Cont.(S1)
Rated torque	: 221 ft.lb	Insulation class	: F
Locked rotor torque	: 200 %	Service factor	: 1.00
Breakdown torque	: 280 %	Temperature rise	: 80 K
Rated speed	: 2970 rpm	Design	: B

Locked rotor time : 30s (cold) 17s (hot)

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



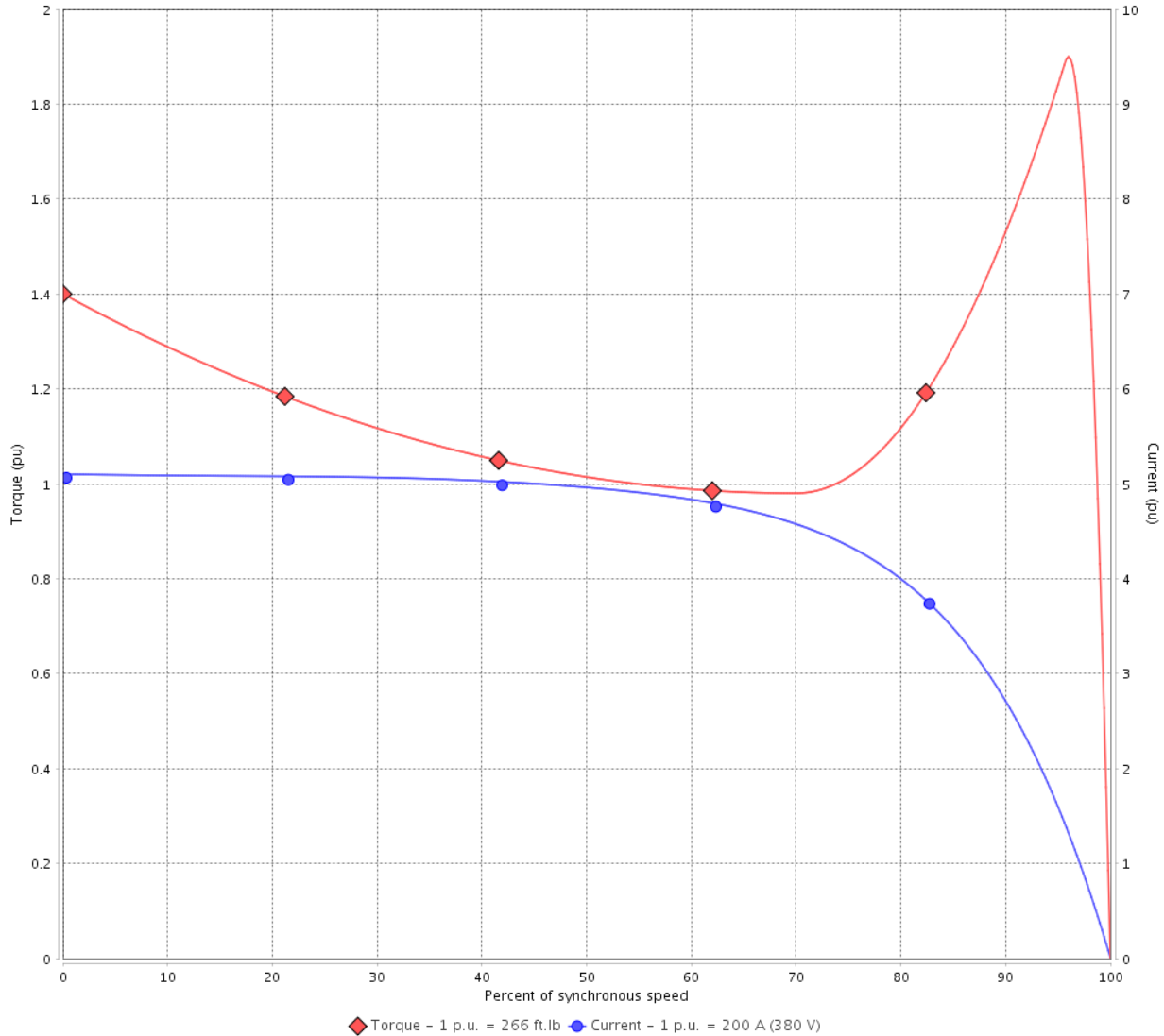
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11165997

Catalog # : 15036ET3E445TS-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 380 V 50 Hz 2P IE1

Rated current	: 200 A	Moment of inertia (J)	: 39.1 sq.ft.lb
LRC	: 5.1	Duty cycle	: Cont.(S1)
Rated torque	: 266 ft.lb	Insulation class	: F
Locked rotor torque	: 140 %	Service factor	: 1.00
Breakdown torque	: 190 %	Temperature rise	: 105 K
Rated speed	: 2960 rpm	Design	: B

Locked rotor time : 30s (cold) 17s (hot)

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TORQUE AND CURRENT VS SPEED CURVE



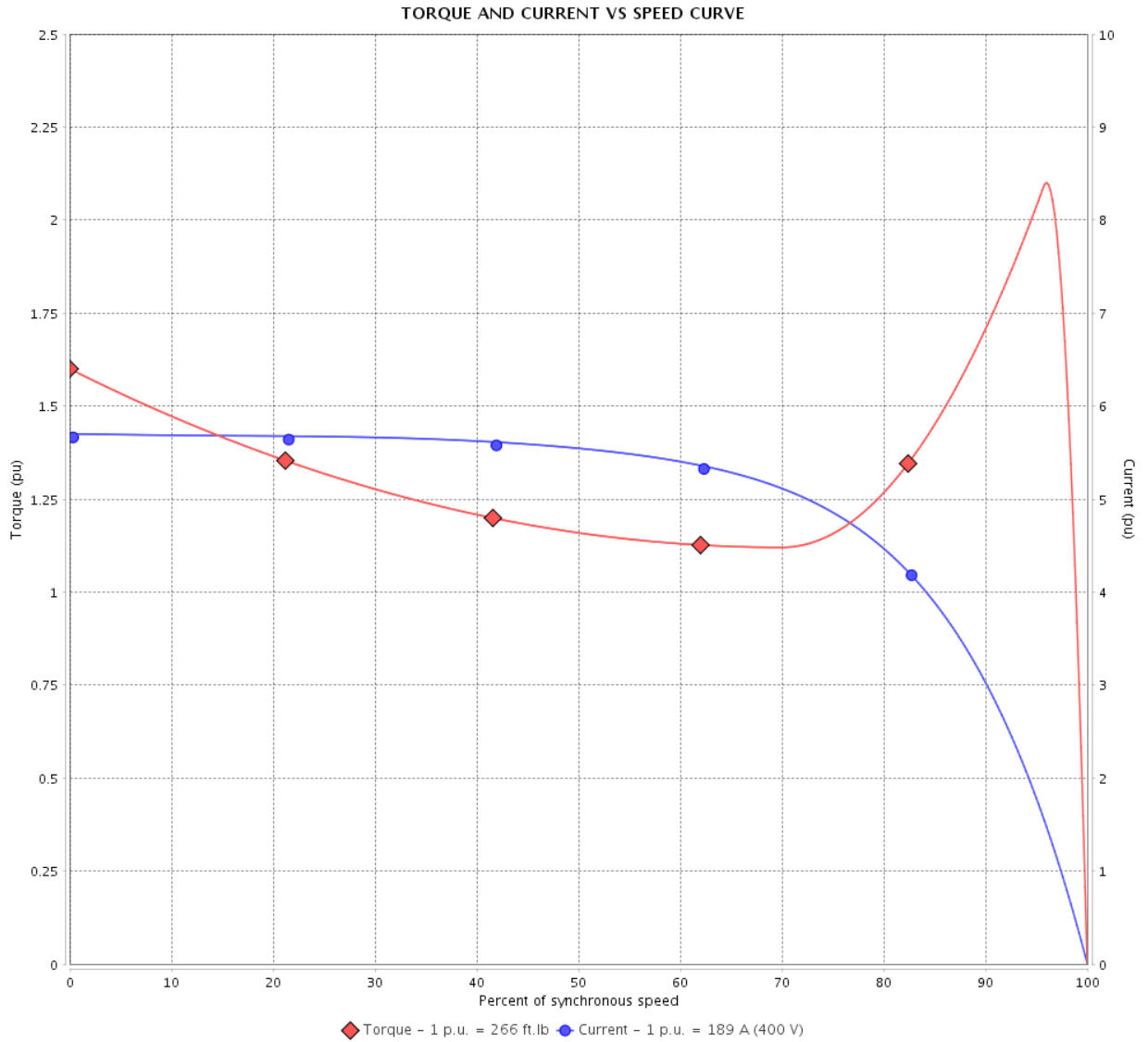
Three Phase Induction Motor - Squirrel Cage

Customer :

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Product code : 11165997

Catalog # : 15036ET3E445TS-W22



Performance : 400 V 50 Hz 2P IE2

Rated current	: 189 A	Moment of inertia (J)	: 39.1 sq.ft.lb
LRC	: 5.7	Duty cycle	: Cont.(S1)
Rated torque	: 266 ft.lb	Insulation class	: F
Locked rotor torque	: 160 %	Service factor	: 1.00
Breakdown torque	: 210 %	Temperature rise	: 105 K
Rated speed	: 2965 rpm	Design	: B

Locked rotor time : 30s (cold) 17s (hot)

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



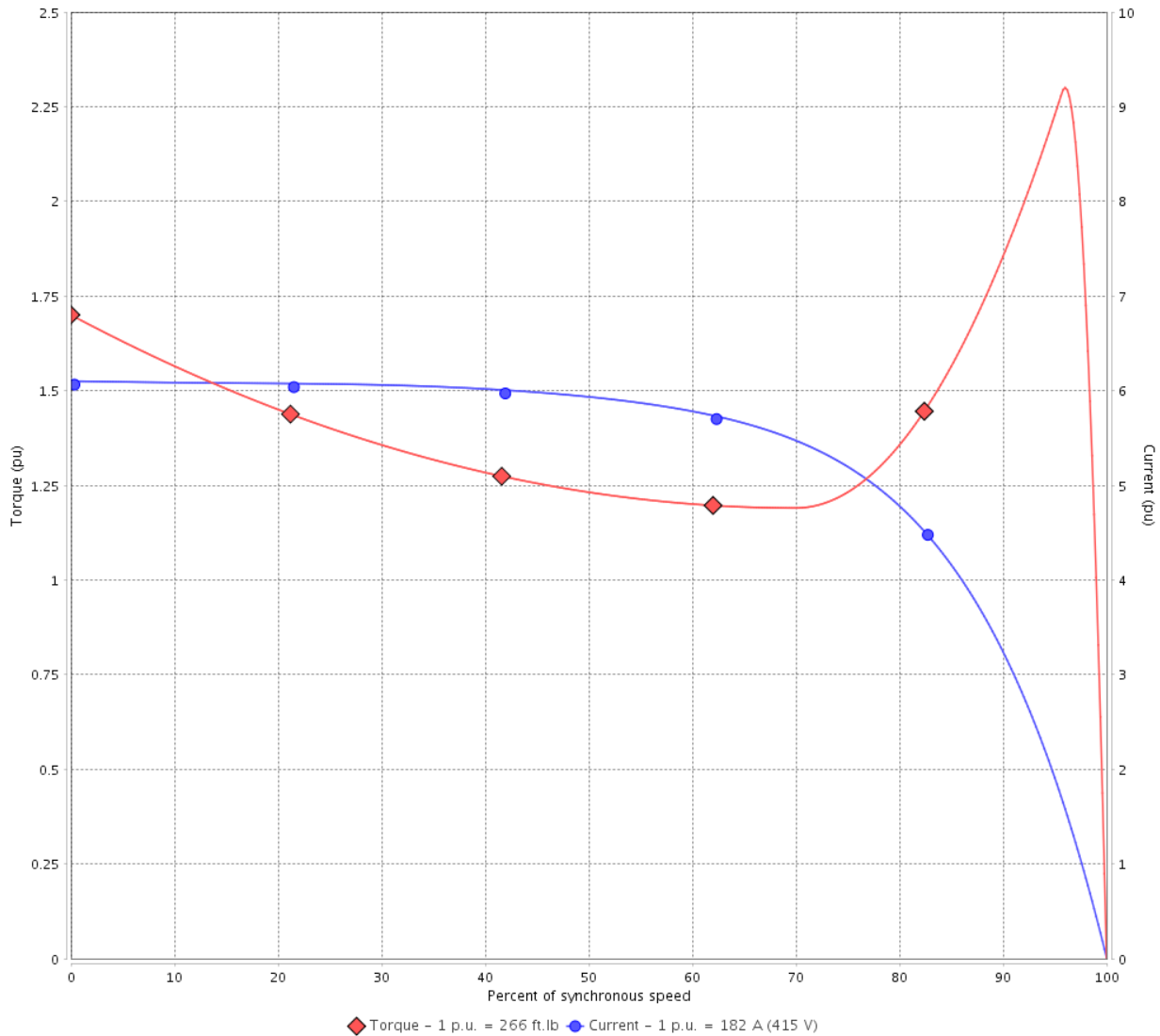
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11165997

Catalog # : 15036ET3E445TS-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 415 V 50 Hz 2P IE2

Rated current	: 182 A	Moment of inertia (J)	: 39.1 sq.ft.lb
LRC	: 6.1	Duty cycle	: Cont.(S1)
Rated torque	: 266 ft.lb	Insulation class	: F
Locked rotor torque	: 170 %	Service factor	: 1.00
Breakdown torque	: 229 %	Temperature rise	: 80 K
Rated speed	: 2965 rpm	Design	: B

Locked rotor time : 30s (cold) 17s (hot)

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Three Phase Induction Motor - Squirrel Cage

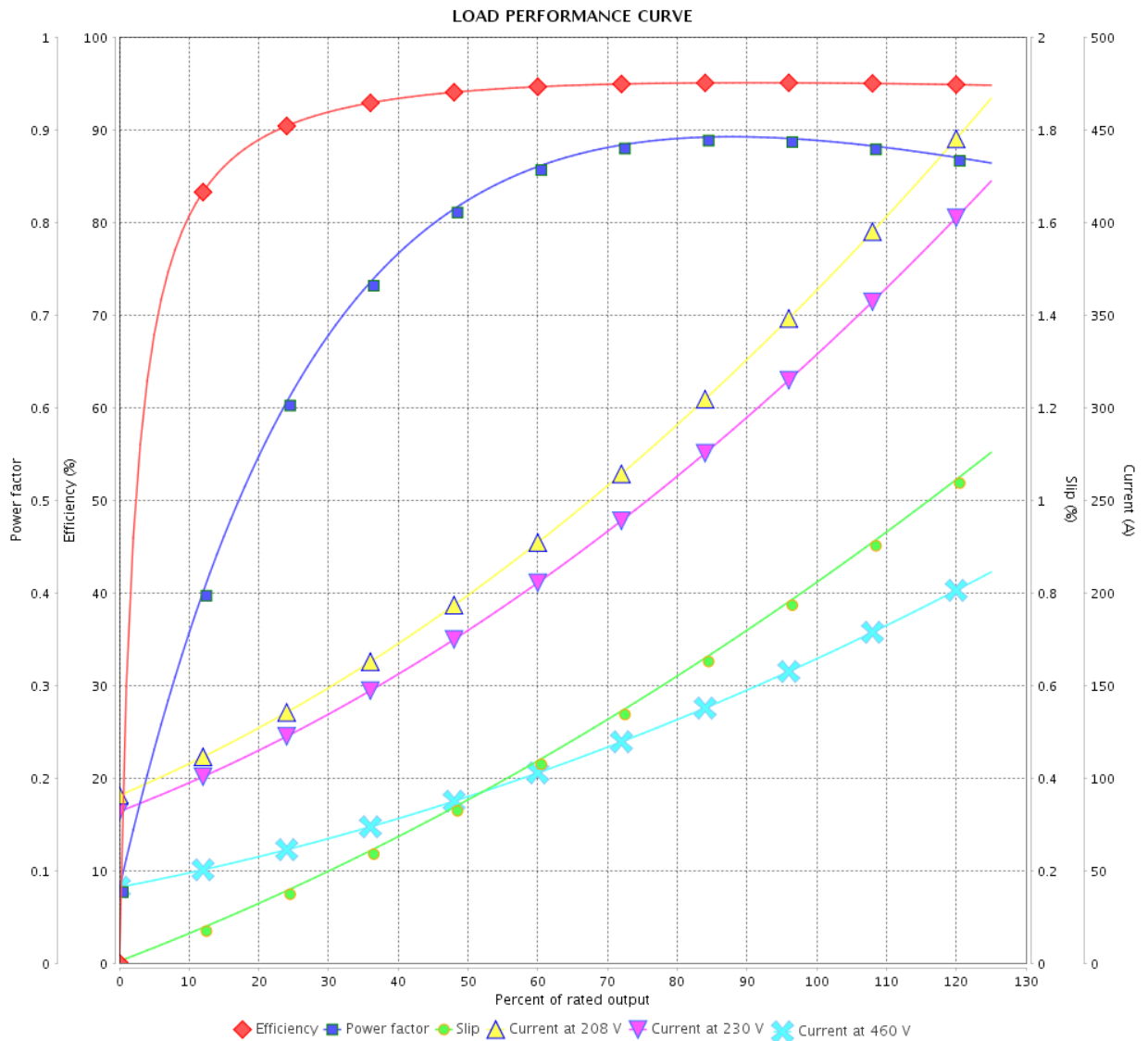


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11165997

Catalog # : 15036ET3E445TS-W22



Performance : 230/460 V 60 Hz 2P

Rated current : 326/163 A
 LRC : 6.5
 Rated torque : 221 ft.lb
 Locked rotor torque : 180 %
 Breakdown torque : 240 %
 Rated speed : 3570 rpm

Moment of inertia (J) : 39.1 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

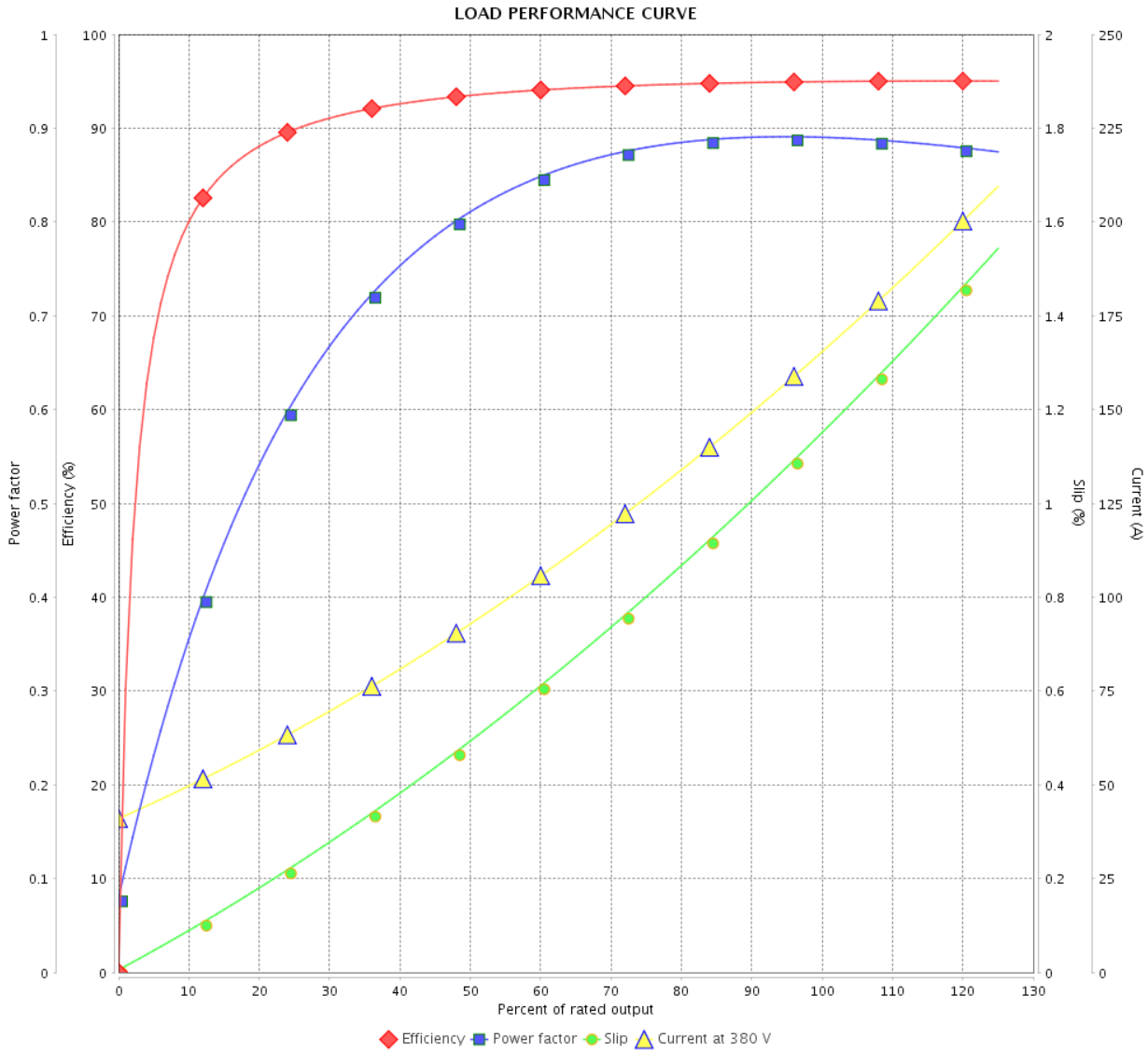


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11165997

Catalog # : 15036ET3E445TS-W22



Performance : 380 V 50 Hz 2P IE3

Rated current : 162 A
 LRC : 6.1
 Rated torque : 221 ft.lb
 Locked rotor torque : 170 %
 Breakdown torque : 229 %
 Rated speed : 2965 rpm

Moment of inertia (J) : 39.1 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

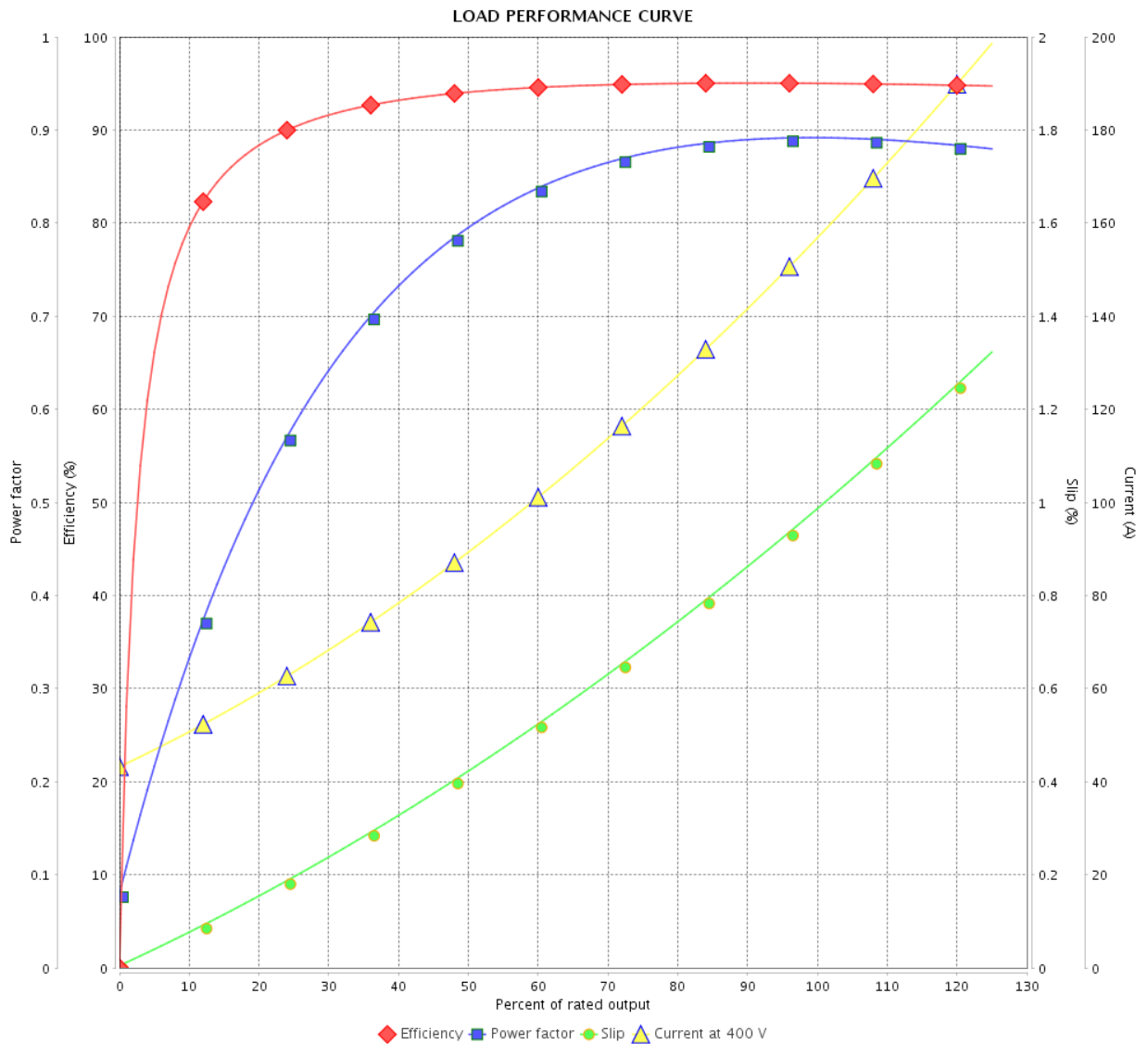


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11165997

Catalog # : 15036ET3E445TS-W22



Performance : 400 V 50 Hz 2P IE3

Rated current : 154 A
 LRC : 6.9
 Rated torque : 221 ft.lb
 Locked rotor torque : 190 %
 Breakdown torque : 250 %
 Rated speed : 2970 rpm

Moment of inertia (J) : 39.1 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

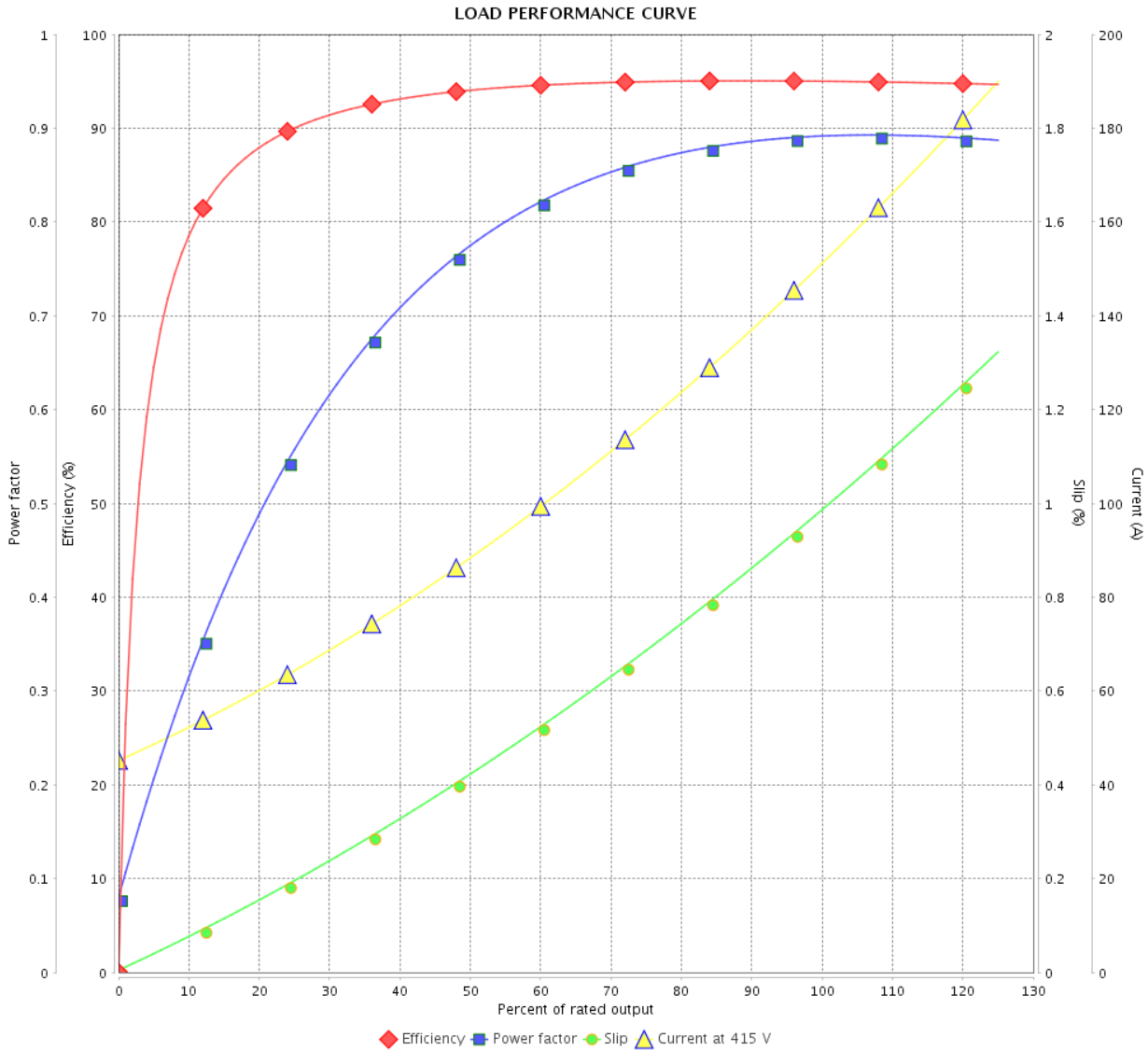


Customer :

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Product code : 11165997

Catalog # : 15036ET3E445TS-W22



Performance : 415 V 50 Hz 2P IE3

Rated current : 148 A
 LRC : 7.3
 Rated torque : 221 ft.lb
 Locked rotor torque : 200 %
 Breakdown torque : 280 %
 Rated speed : 2970 rpm

Moment of inertia (J) : 39.1 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : B

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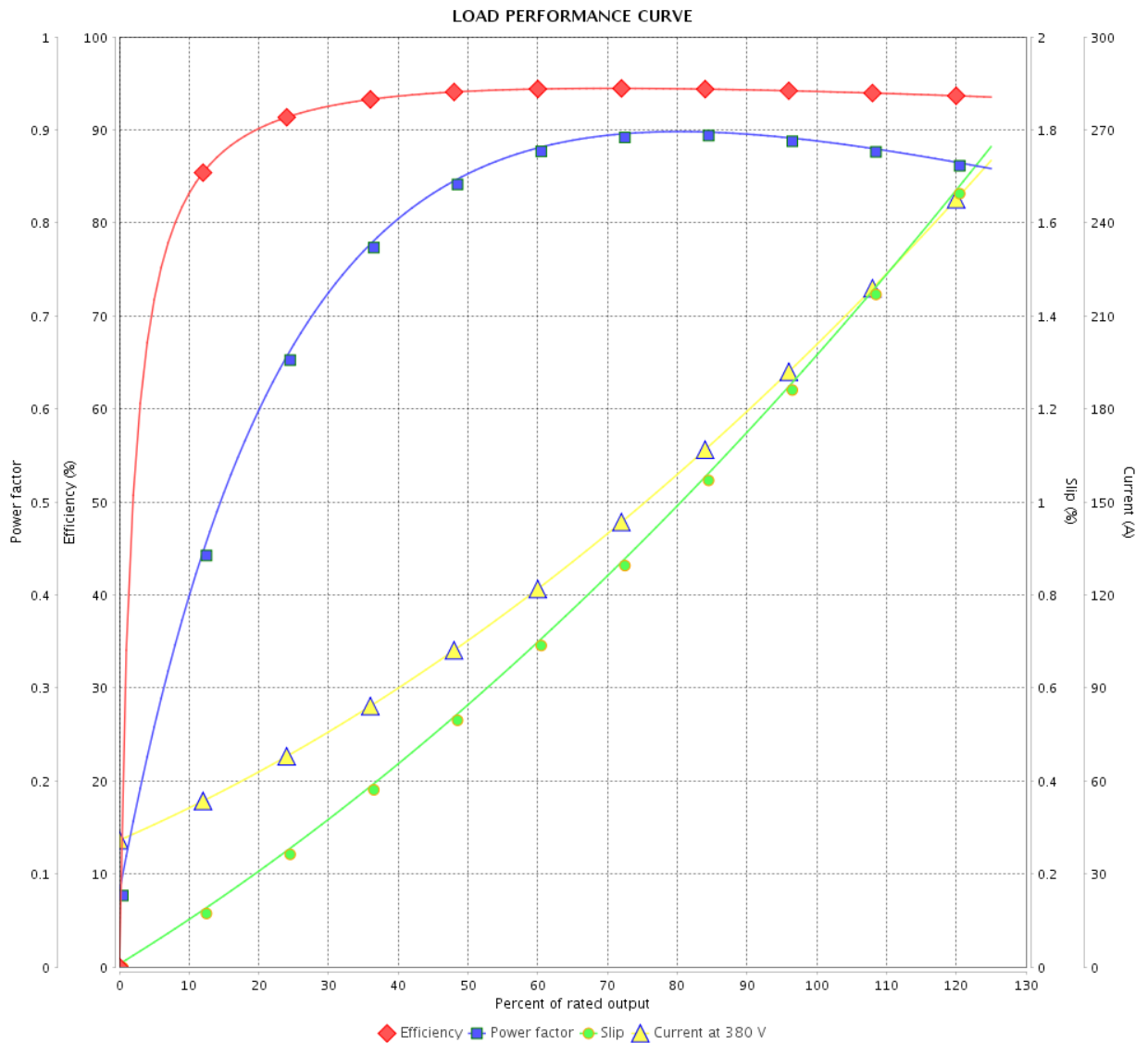


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11165997

Catalog # : 15036ET3E445TS-W22



Performance : 380 V 50 Hz 2P IE1

Rated current : 200 A
 LRC : 5.1
 Rated torque : 266 ft.lb
 Locked rotor torque : 140 %
 Breakdown torque : 190 %
 Rated speed : 2960 rpm

Moment of inertia (J) : 39.1 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 105 K
 Design : B

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Three Phase Induction Motor - Squirrel Cage

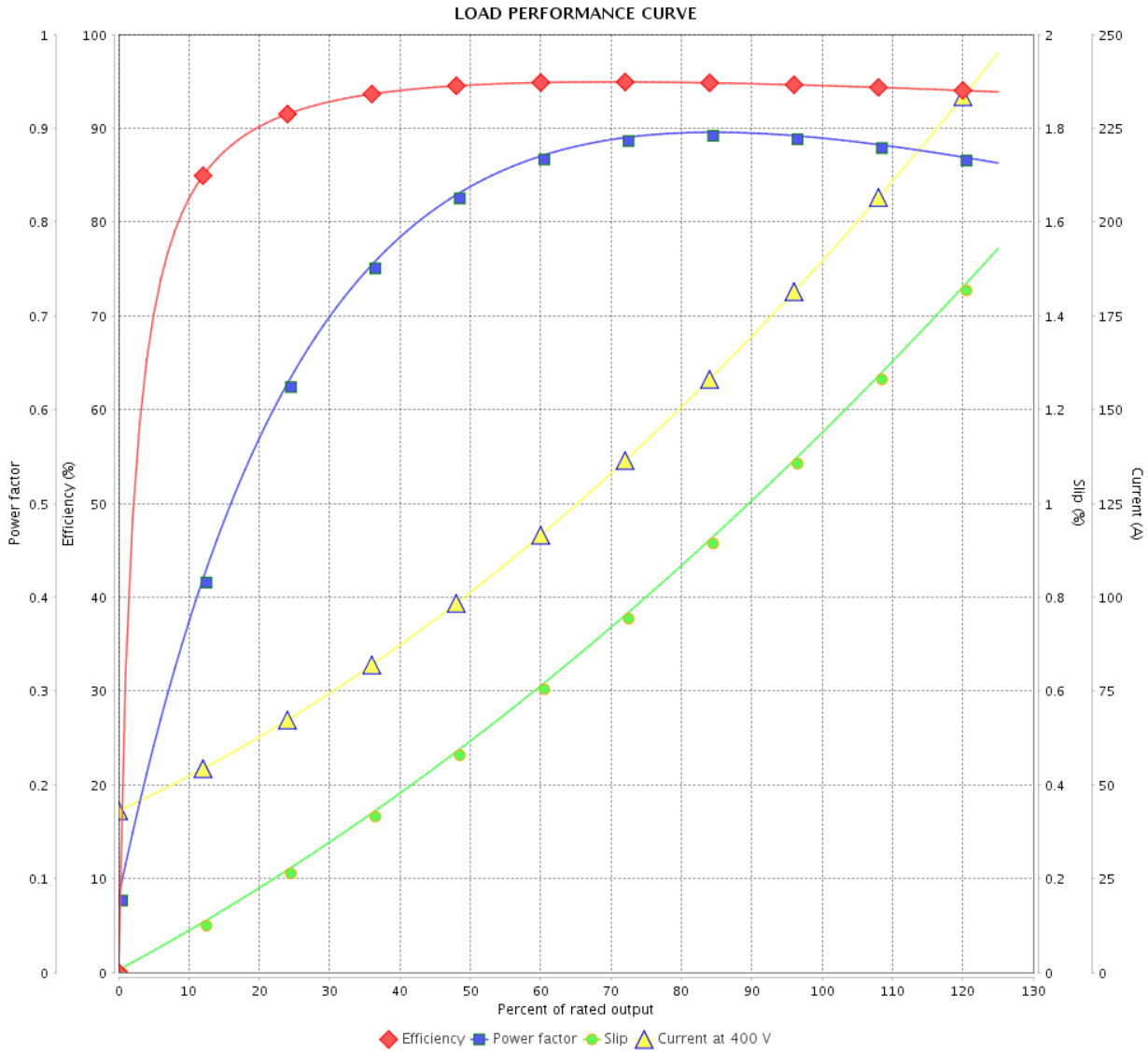


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11165997

Catalog # : 15036ET3E445TS-W22



Performance : 400 V 50 Hz 2P IE2

Rated current : 189 A
 LRC : 5.7
 Rated torque : 266 ft.lb
 Locked rotor torque : 160 %
 Breakdown torque : 210 %
 Rated speed : 2965 rpm

Moment of inertia (J) : 39.1 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 105 K
 Design : B

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Three Phase Induction Motor - Squirrel Cage

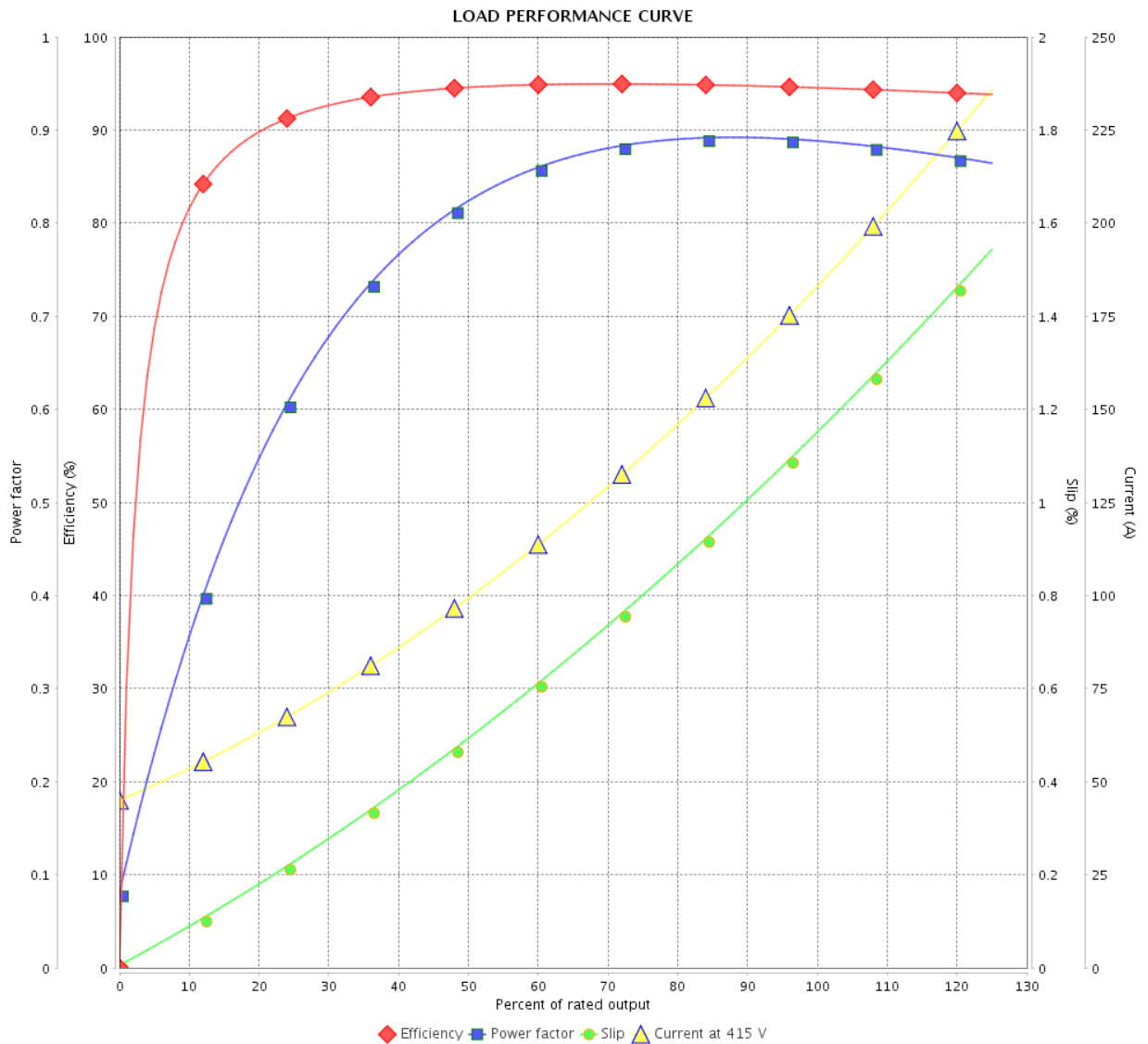


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11165997

Catalog # : 15036ET3E445TS-W22



Performance : 415 V 50 Hz 2P IE2

Rated current : 182 A
 LRC : 6.1
 Rated torque : 266 ft.lb
 Locked rotor torque : 170 %
 Breakdown torque : 229 %
 Rated speed : 2965 rpm

Moment of inertia (J) : 39.1 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 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 : 11165997
 Catalog # : 15036ET3E445TS-W22

Performance : 230/460 V 60 Hz 2P

Rated current : 326/163 A	Moment of inertia (J) : 39.1 sq.ft.lb
LRC : 6.5	Duty cycle : Cont.(S1)
Rated torque : 221 ft.lb	Insulation class : F
Locked rotor torque : 180 %	Service factor : 1.15
Breakdown torque : 240 %	Temperature rise : 80 K
Rated speed : 3570 rpm	Design : B

Heating constant

Cooling constant

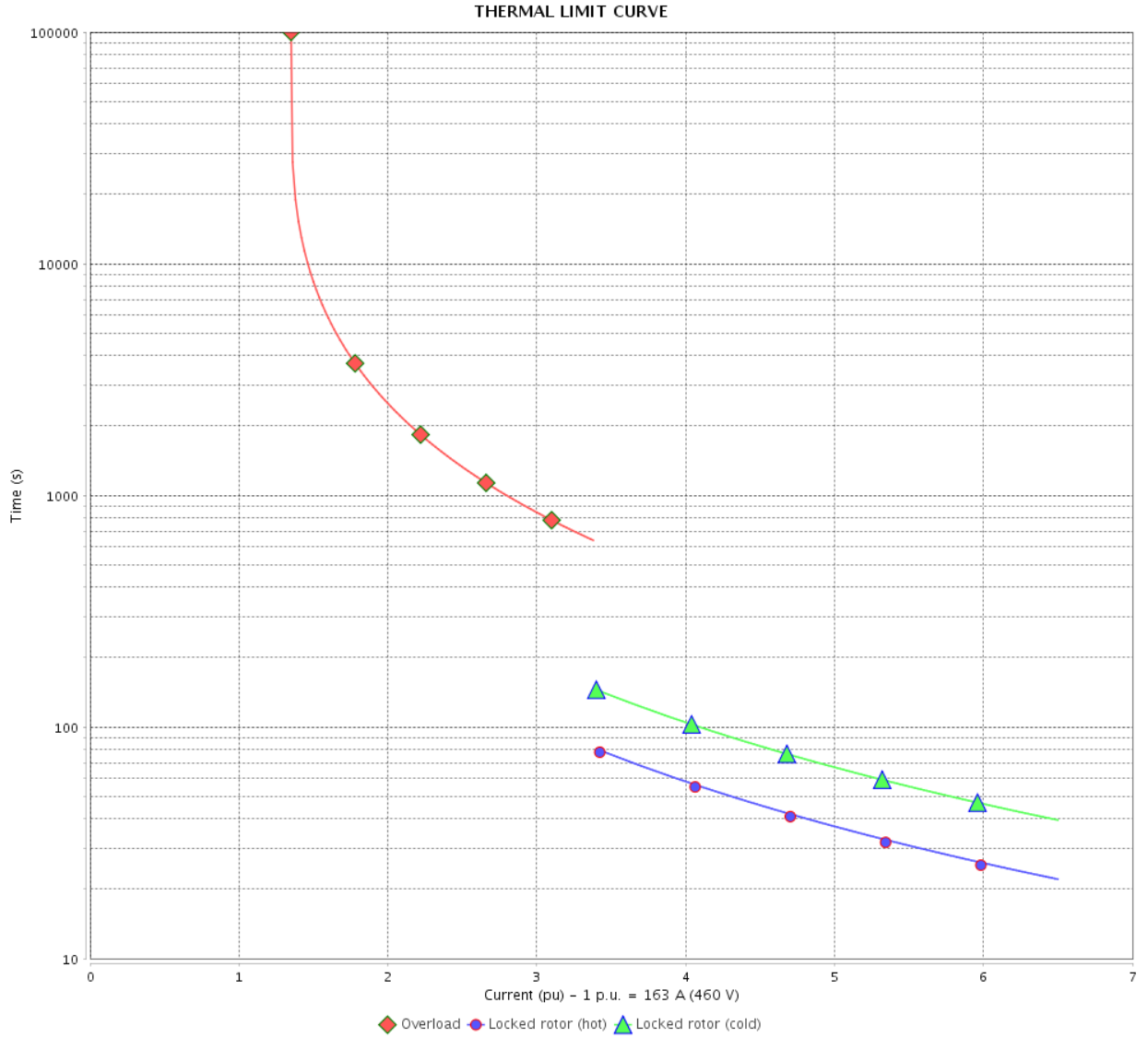
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Three Phase Induction Motor - Squirrel Cage



Customer : _____



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Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase
Product code : 11165997
Catalog # : 15036ET3E445TS-W22

Performance : 380 V 50 Hz 2P IE3

Rated current	: 162 A	Moment of inertia (J)	: 39.1 sq.ft.lb
LRC	: 6.1	Duty cycle	: Cont.(S1)
Rated torque	: 221 ft.lb	Insulation class	: F
Locked rotor torque	: 170 %	Service factor	: 1.00
Breakdown torque	: 229 %	Temperature rise	: 80 K
Rated speed	: 2965 rpm	Design	: B

Heating constant

Cooling constant

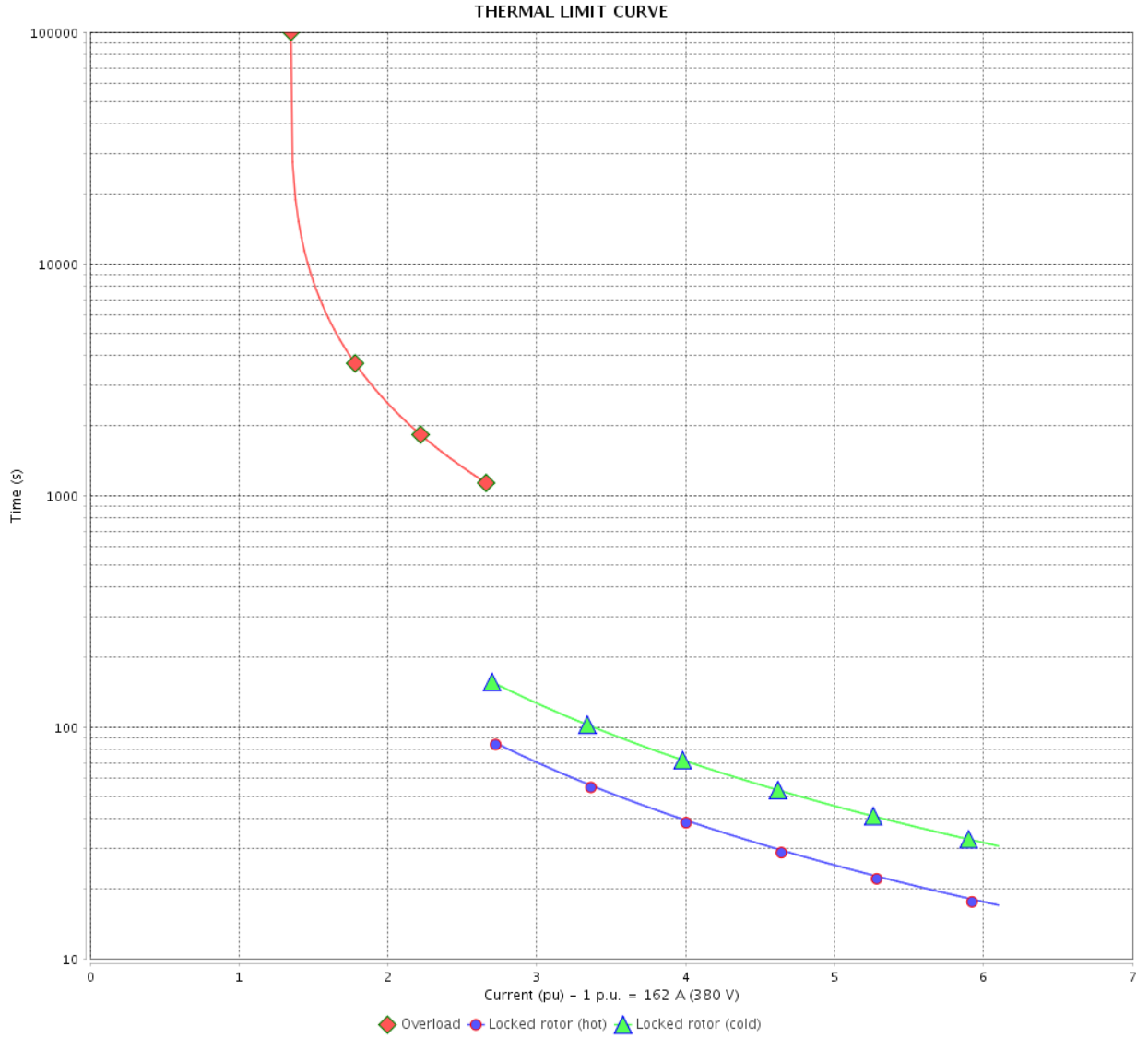
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Three Phase Induction Motor - Squirrel Cage



Customer : _____



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THERMAL LIMIT CURVE



Three Phase Induction Motor - Squirrel Cage

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Performance : 400 V 50 Hz 2P IE3

Rated current	: 154 A	Moment of inertia (J)	: 39.1 sq.ft.lb
LRC	: 6.9	Duty cycle	: Cont.(S1)
Rated torque	: 221 ft.lb	Insulation class	: F
Locked rotor torque	: 190 %	Service factor	: 1.00
Breakdown torque	: 250 %	Temperature rise	: 80 K
Rated speed	: 2970 rpm	Design	: B

Heating constant

Cooling constant

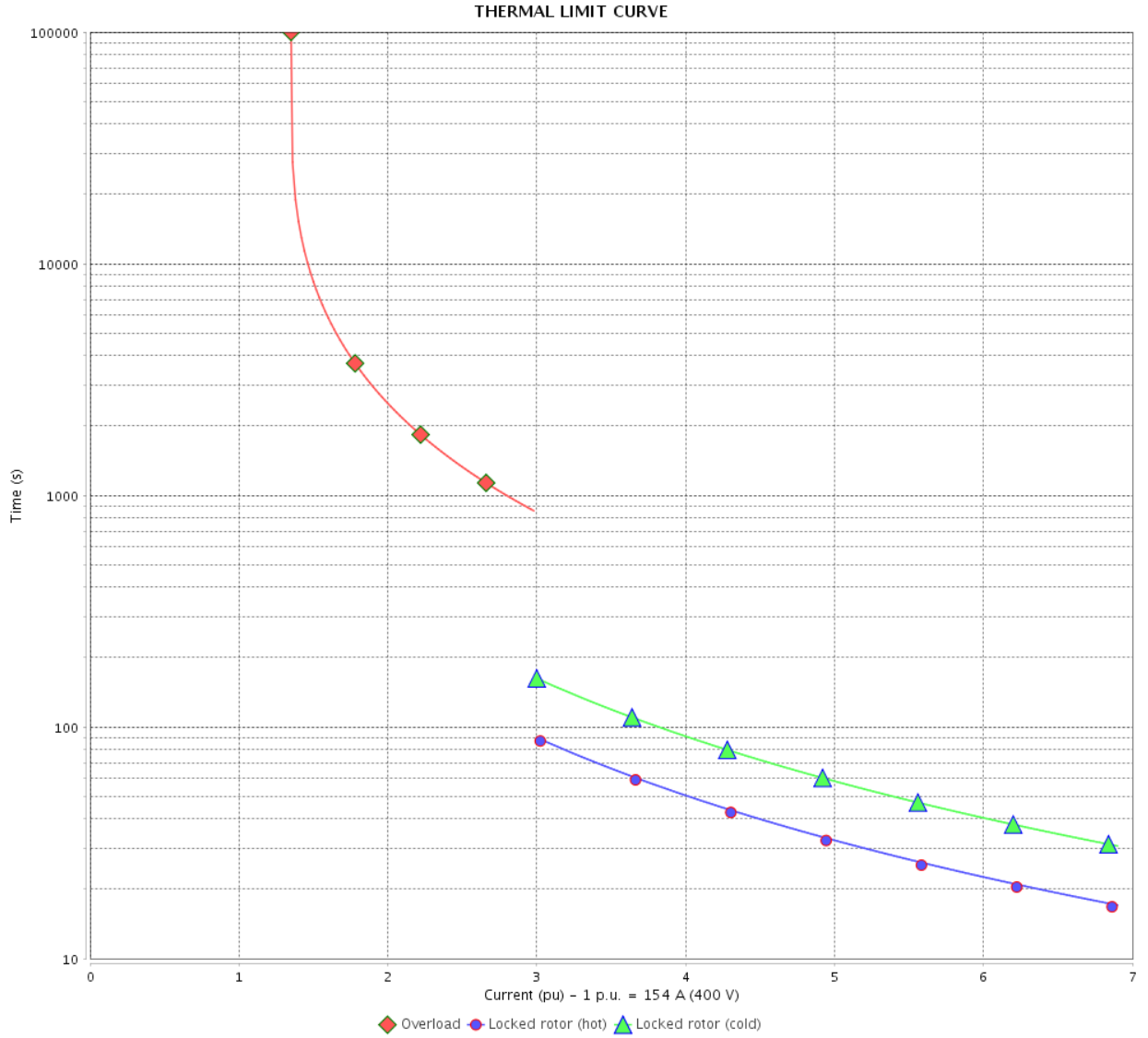
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Three Phase Induction Motor - Squirrel Cage



Customer : _____



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THERMAL LIMIT CURVE



Three Phase Induction Motor - Squirrel Cage

Customer :

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 Product code : 11165997
 Catalog # : 15036ET3E445TS-W22

Performance : 415 V 50 Hz 2P IE3

Rated current : 148 A	Moment of inertia (J) : 39.1 sq.ft.lb
LRC : 7.3	Duty cycle : Cont.(S1)
Rated torque : 221 ft.lb	Insulation class : F
Locked rotor torque : 200 %	Service factor : 1.00
Breakdown torque : 280 %	Temperature rise : 80 K
Rated speed : 2970 rpm	Design : B

Heating constant

Cooling constant

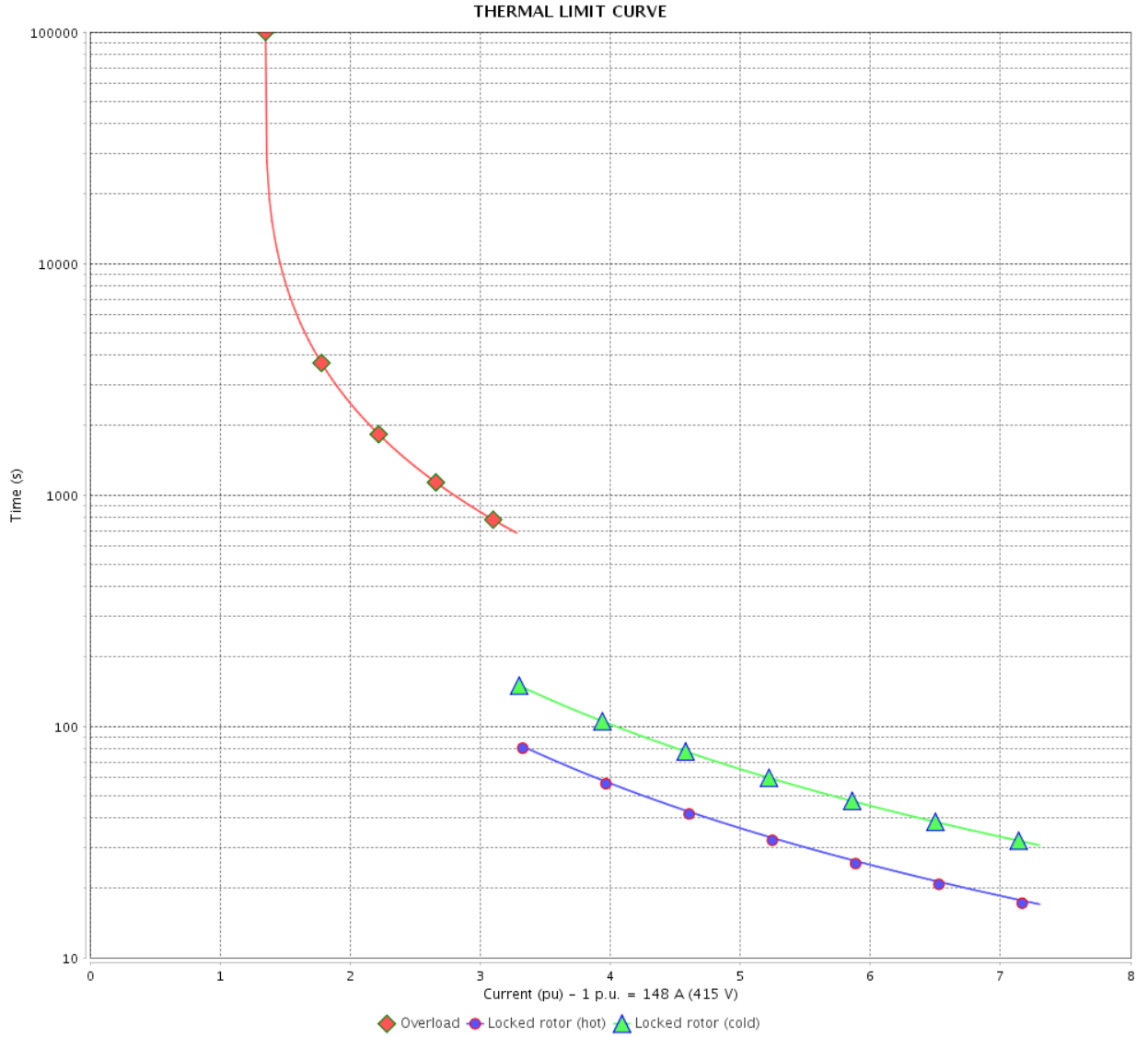
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Three Phase Induction Motor - Squirrel Cage



Customer : _____



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THERMAL LIMIT CURVE



Three Phase Induction Motor - Squirrel Cage

Customer :

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 Product code : 11165997
 Catalog # : 15036ET3E445TS-W22

Performance : 380 V 50 Hz 2P IE1

Rated current : 200 A	Moment of inertia (J) : 39.1 sq.ft.lb
LRC : 5.1	Duty cycle : Cont.(S1)
Rated torque : 266 ft.lb	Insulation class : F
Locked rotor torque : 140 %	Service factor : 1.00
Breakdown torque : 190 %	Temperature rise : 105 K
Rated speed : 2960 rpm	Design : B

Heating constant

Cooling constant

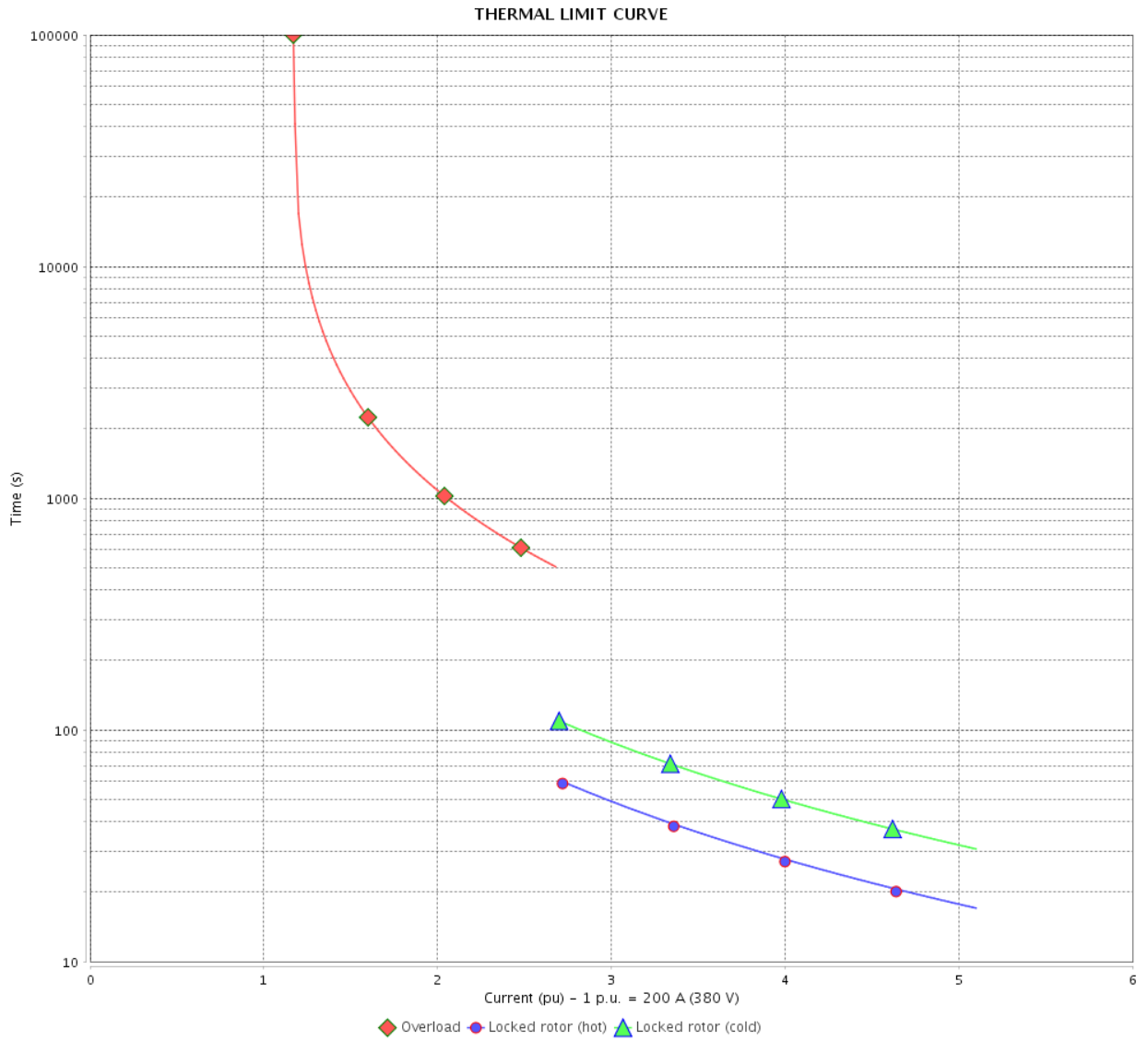
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Three Phase Induction Motor - Squirrel Cage

Customer :

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Product code : 11165997
Catalog # : 15036ET3E445TS-W22

Performance : 400 V 50 Hz 2P IE2

Rated current	: 189 A	Moment of inertia (J)	: 39.1 sq.ft.lb
LRC	: 5.7	Duty cycle	: Cont.(S1)
Rated torque	: 266 ft.lb	Insulation class	: F
Locked rotor torque	: 160 %	Service factor	: 1.00
Breakdown torque	: 210 %	Temperature rise	: 105 K
Rated speed	: 2965 rpm	Design	: B

Heating constant

Cooling constant

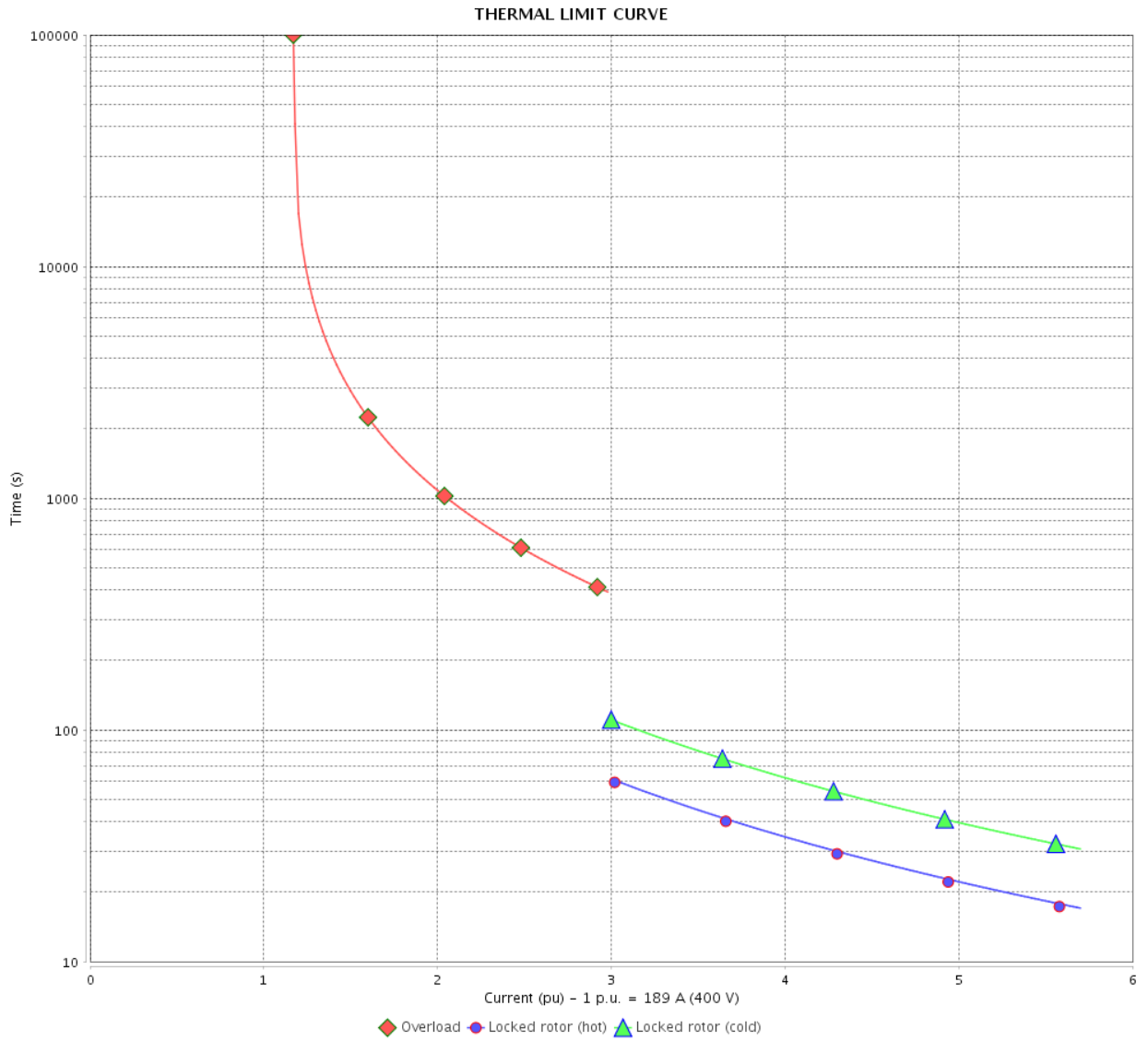
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 Catalog # : 15036ET3E445TS-W22

Performance : 415 V 50 Hz 2P IE2

Rated current : 182 A	Moment of inertia (J) : 39.1 sq.ft.lb
LRC : 6.1	Duty cycle : Cont.(S1)
Rated torque : 266 ft.lb	Insulation class : F
Locked rotor torque : 170 %	Service factor : 1.00
Breakdown torque : 229 %	Temperature rise : 80 K
Rated speed : 2965 rpm	Design : B

Heating constant

Cooling constant

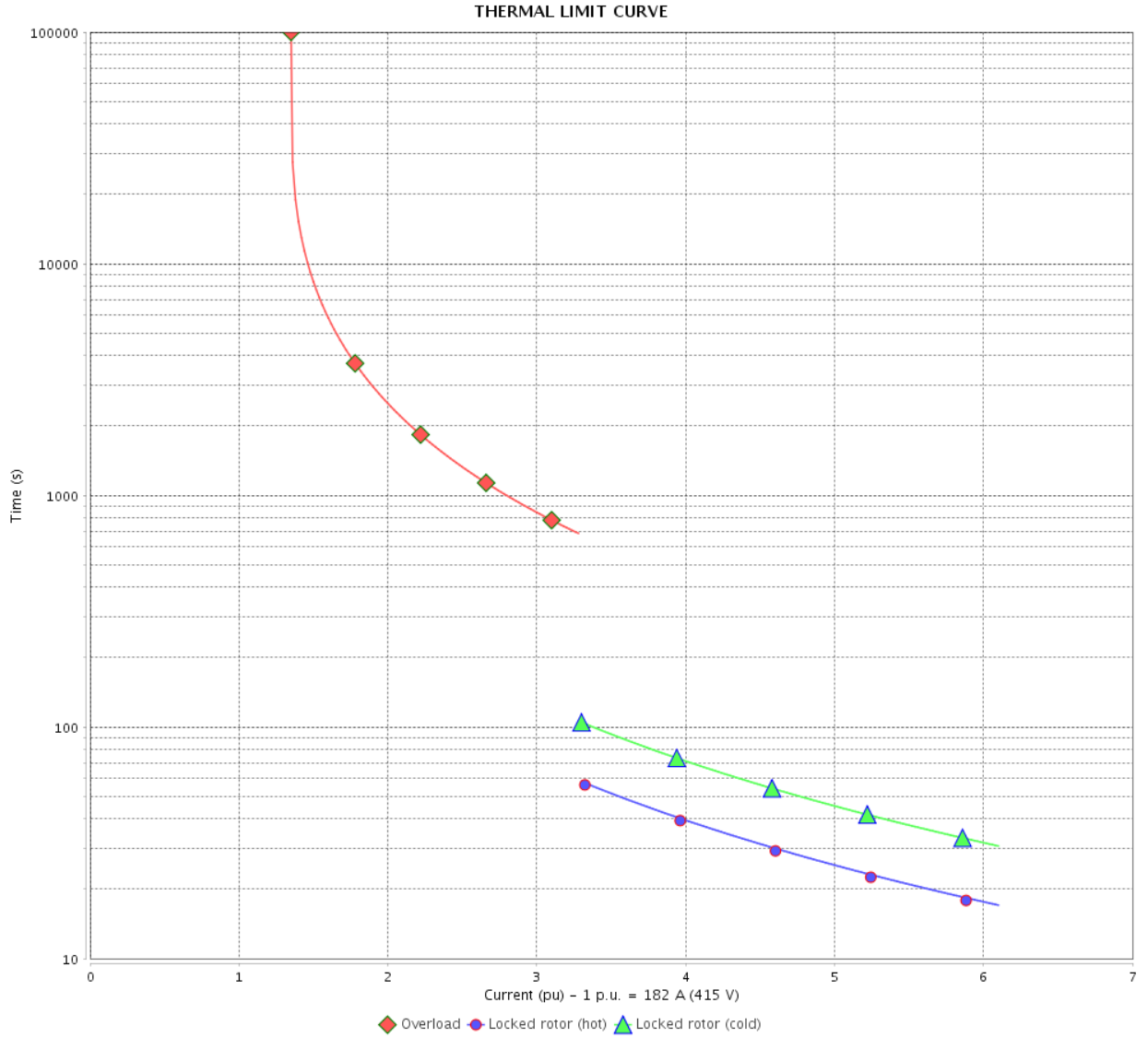
Rev.	Changes Summary	Performed	Checked	Date
Performed by			Page 28 / 36	Revision
Checked by				
Date	13/04/2022			

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____



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



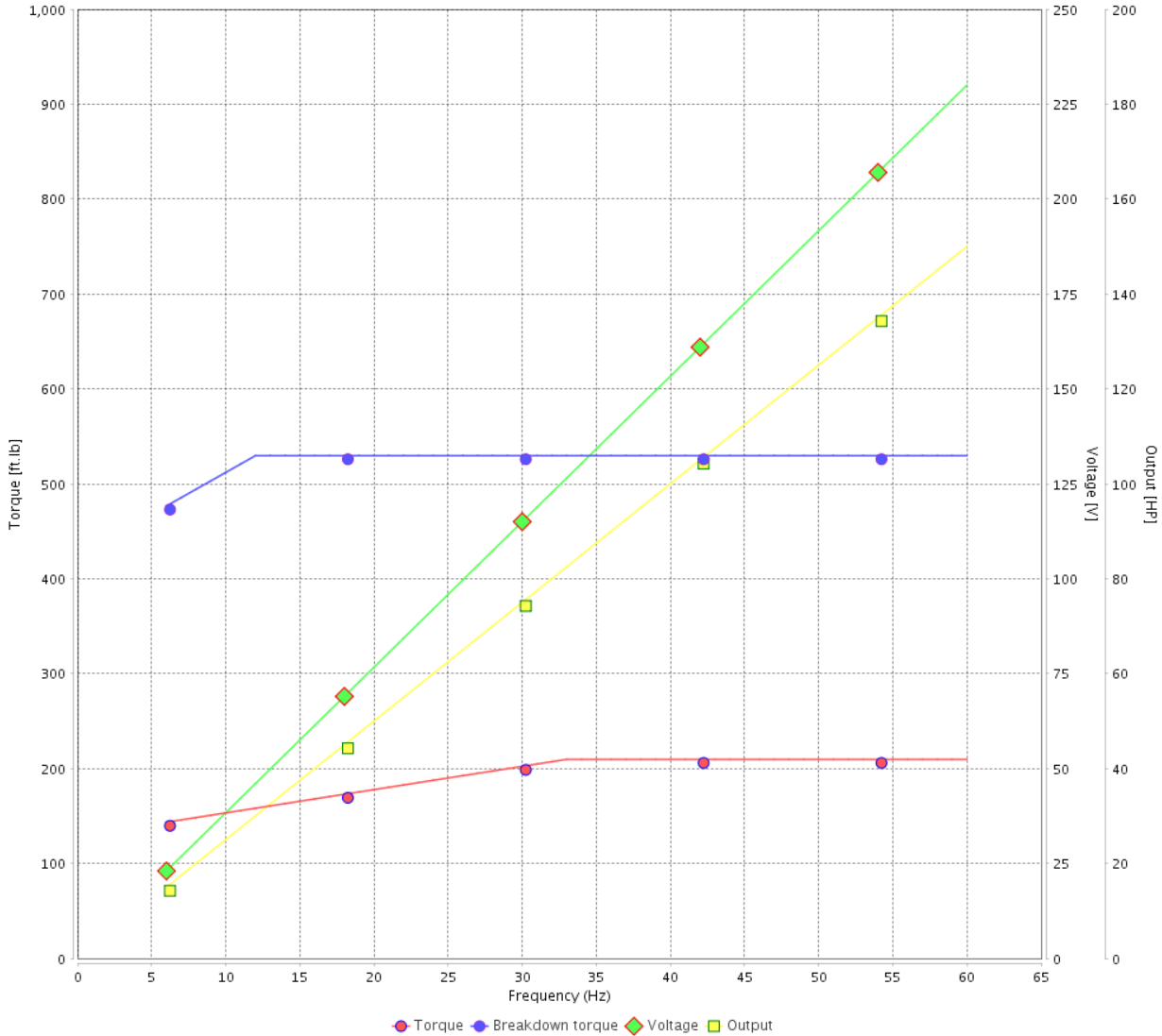
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11165997

Catalog # : 15036ET3E445TS-W22

VFD OPERATION CURVE



Performance : 230/460 V 60 Hz 2P

Rated current : 326/163 A
 LRC : 6.5
 Rated torque : 221 ft.lb
 Locked rotor torque : 180 %
 Breakdown torque : 240 %
 Rated speed : 3570 rpm

Moment of inertia (J) : 39.1 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
Checked by				
Date				

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

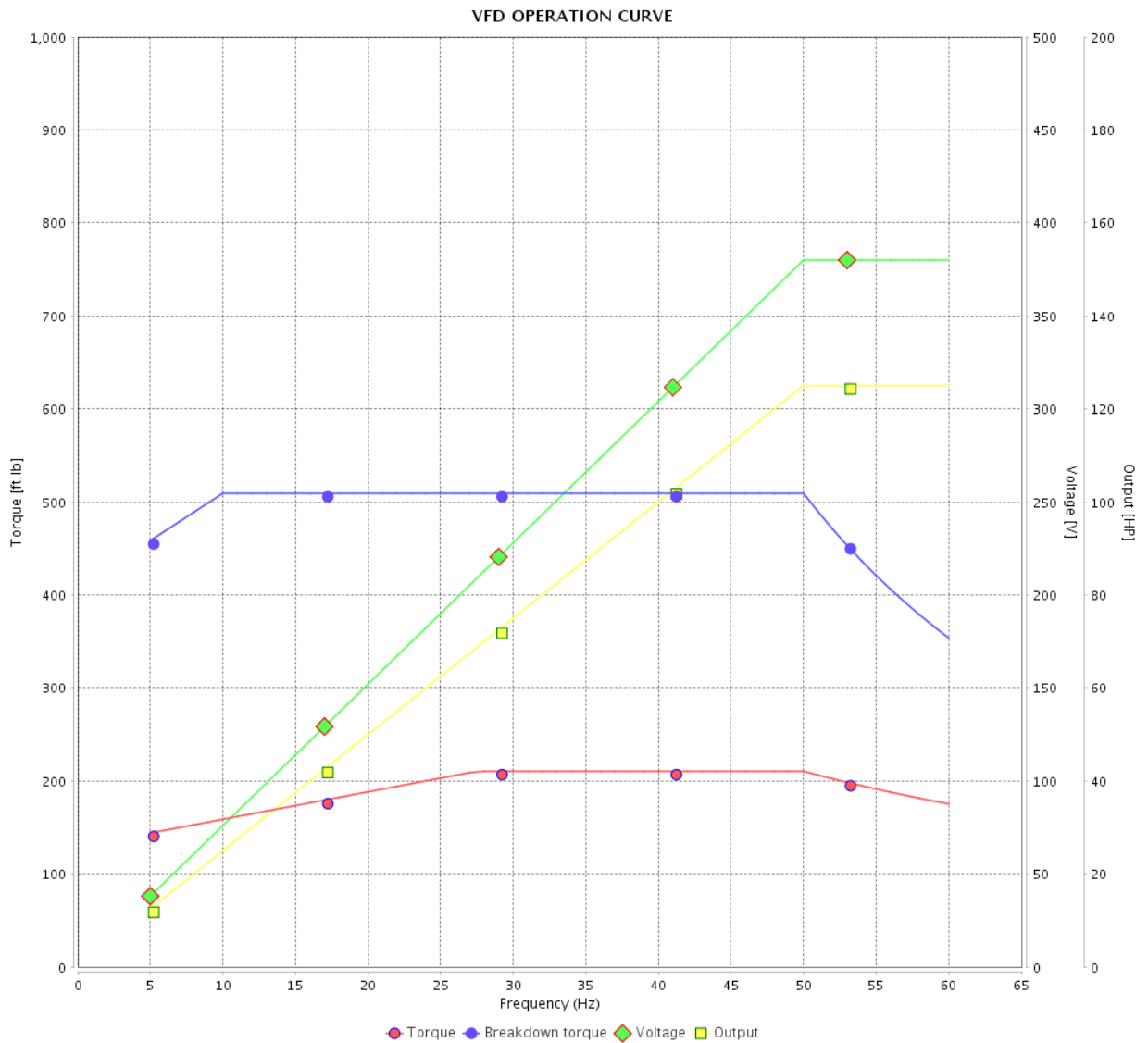


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11165997

Catalog # : 15036ET3E445TS-W22



Performance : 380 V 50 Hz 2P IE3

Rated current : 162 A
 LRC : 6.1
 Rated torque : 221 ft.lb
 Locked rotor torque : 170 %
 Breakdown torque : 229 %
 Rated speed : 2965 rpm

Moment of inertia (J) : 39.1 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	13/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



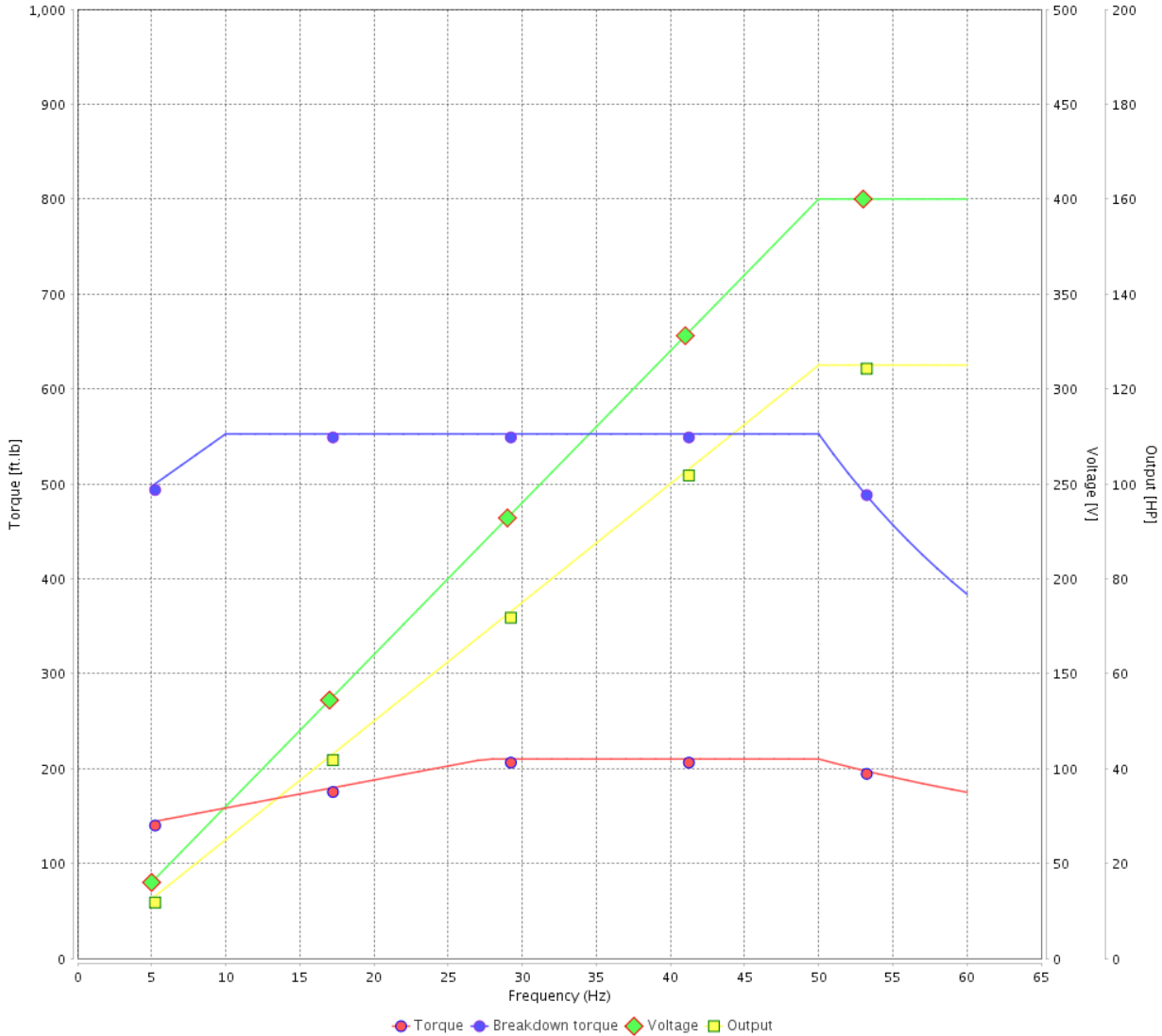
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11165997

Catalog # : 15036ET3E445TS-W22

VFD OPERATION CURVE



Performance : 400 V 50 Hz 2P IE3

Rated current : 154 A
 LRC : 6.9
 Rated torque : 221 ft.lb
 Locked rotor torque : 190 %
 Breakdown torque : 250 %
 Rated speed : 2970 rpm

Moment of inertia (J) : 39.1 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : B

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

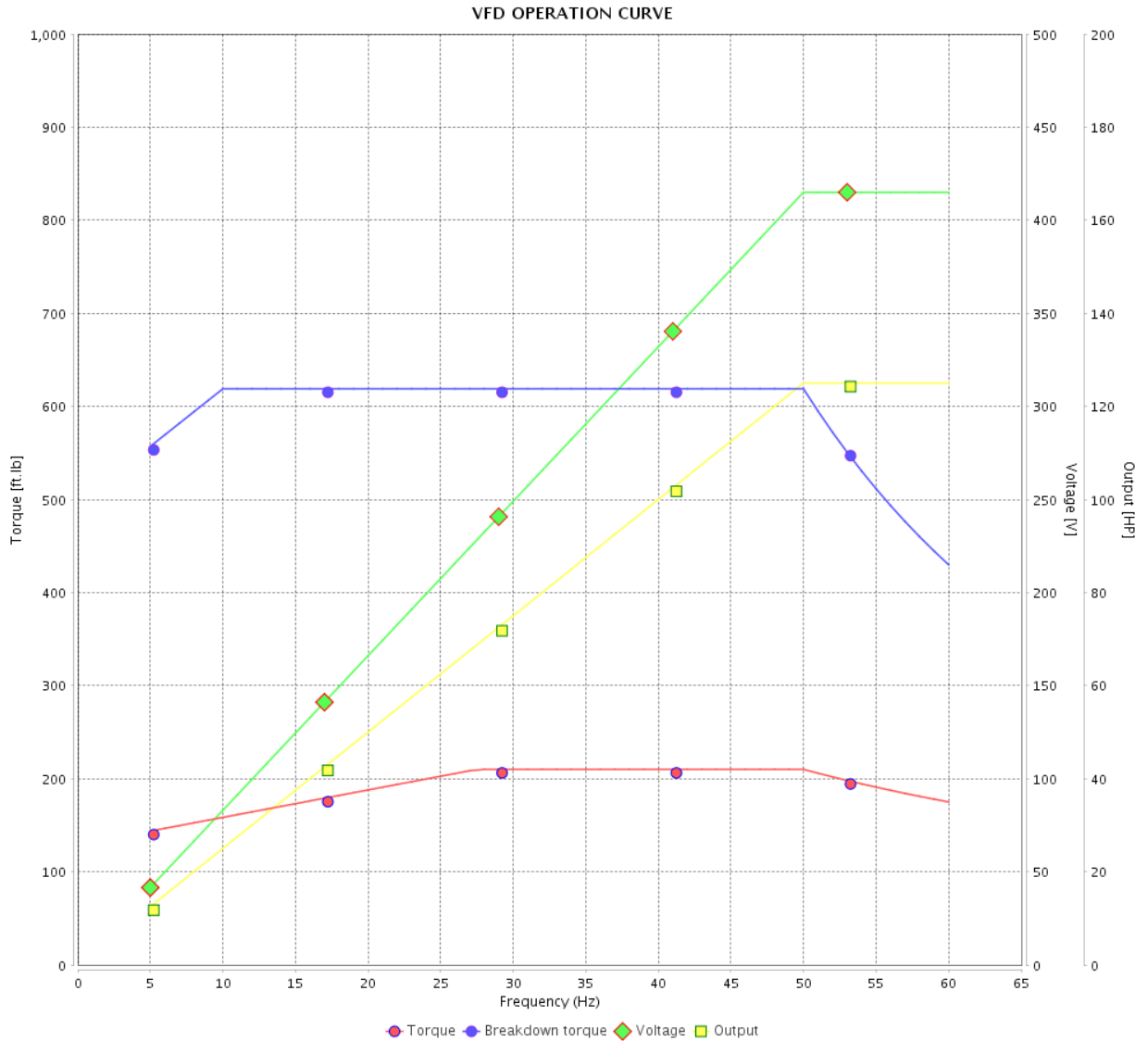
VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____

Product line : NEMA Premium Efficiency Three-Phase Product code : 11165997
 Catalog # : 15036ET3E445TS-W22



Performance : 415 V 50 Hz 2P IE3

Rated current	: 148 A	Moment of inertia (J)	: 39.1 sq.ft.lb
LRC	: 7.3	Duty cycle	: Cont.(S1)
Rated torque	: 221 ft.lb	Insulation class	: F
Locked rotor torque	: 200 %	Service factor	: 1.00
Breakdown torque	: 280 %	Temperature rise	: 80 K
Rated speed	: 2970 rpm	Design	: B

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Checked by				
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VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



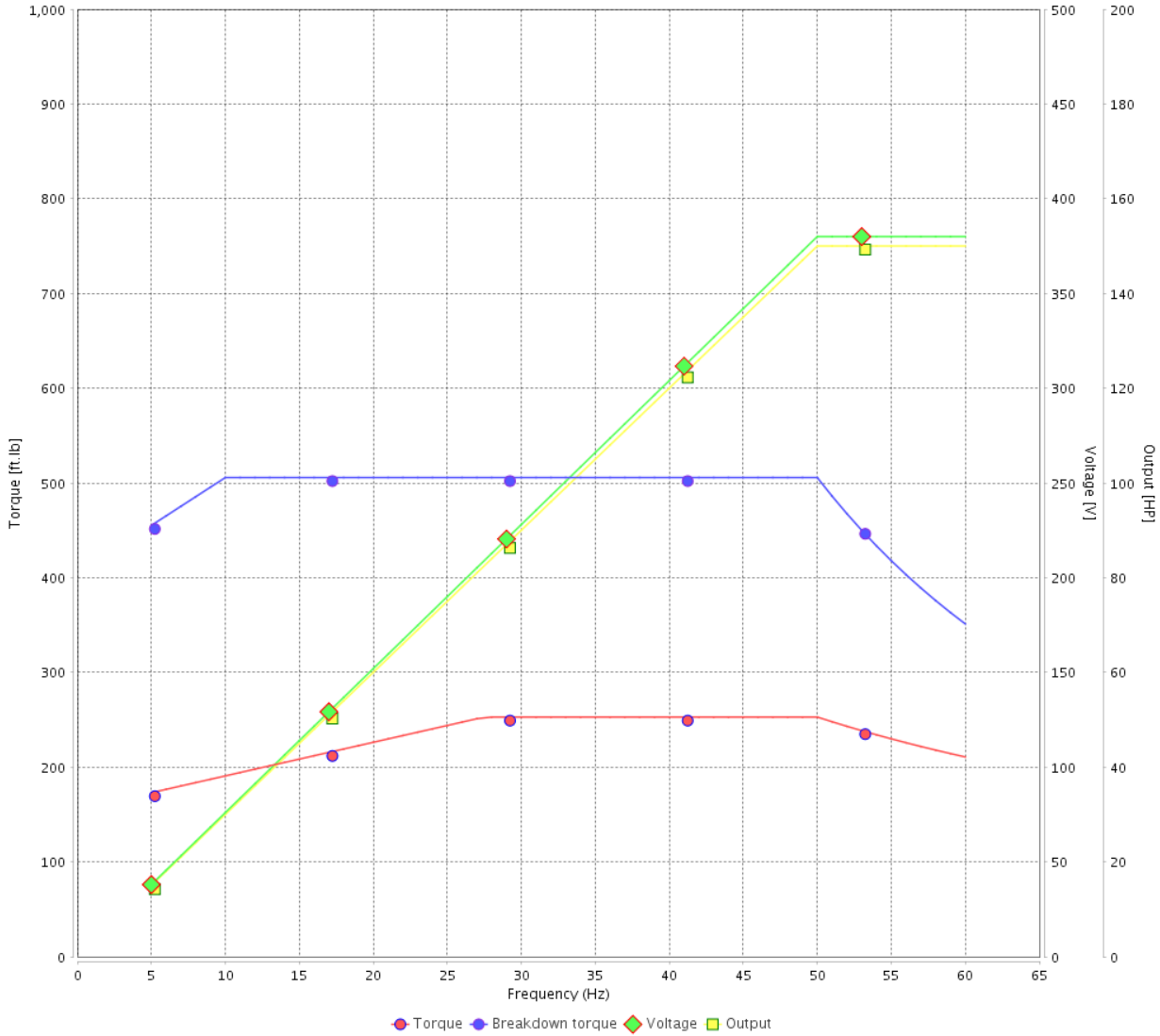
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11165997

Catalog # : 15036ET3E445TS-W22

VFD OPERATION CURVE



Performance : 380 V 50 Hz 2P IE1

Rated current	: 200 A	Moment of inertia (J)	: 39.1 sq.ft.lb
LRC	: 5.1	Duty cycle	: Cont.(S1)
Rated torque	: 266 ft.lb	Insulation class	: F
Locked rotor torque	: 140 %	Service factor	: 1.00
Breakdown torque	: 190 %	Temperature rise	: 105 K
Rated speed	: 2960 rpm	Design	: B

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

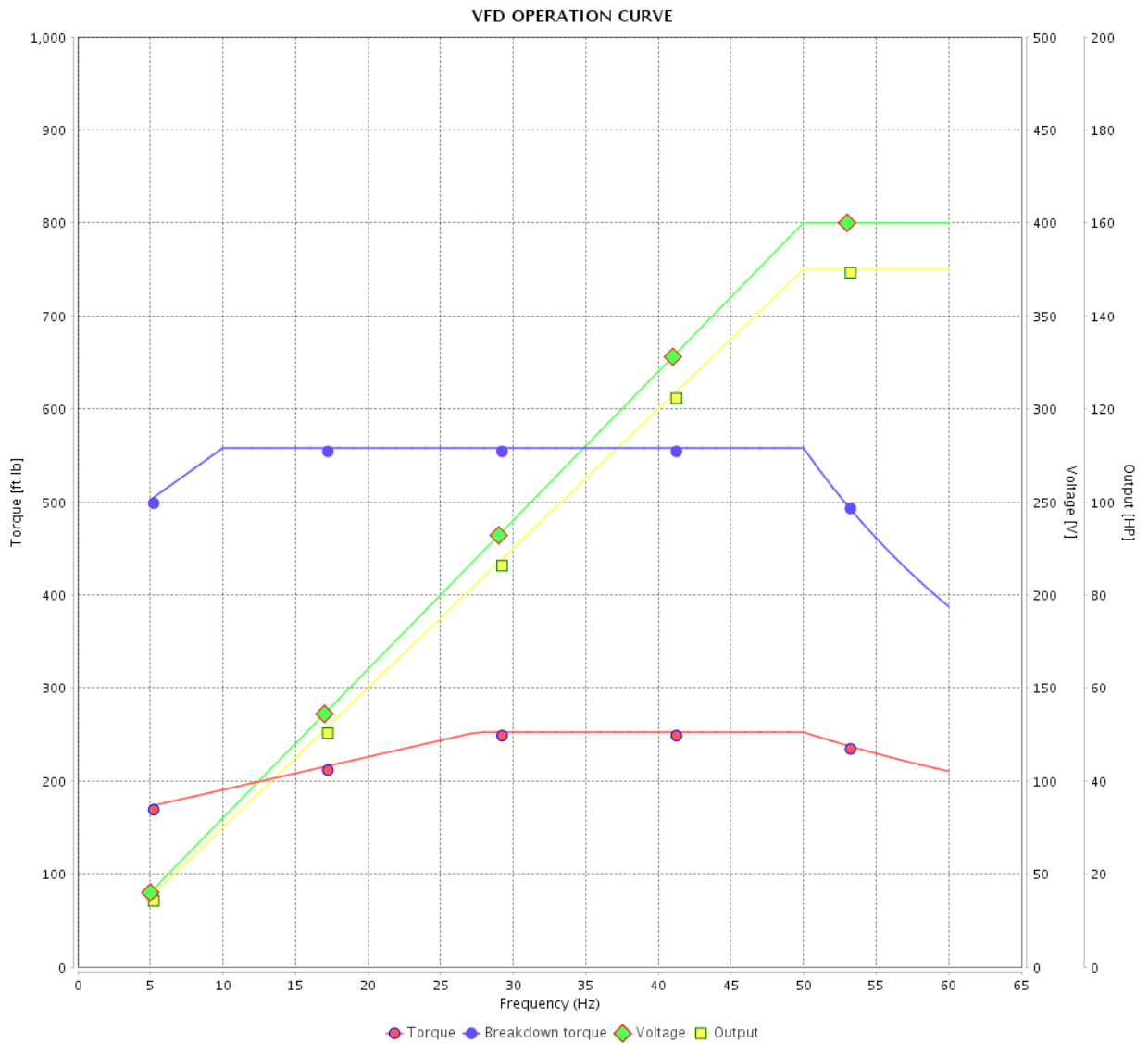
VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase
 Product code : 11165997
 Catalog # : 15036ET3E445TS-W22



Performance : 400 V 50 Hz 2P IE2

Rated current	: 189 A	Moment of inertia (J)	: 39.1 sq.ft.lb
LRC	: 5.7	Duty cycle	: Cont.(S1)
Rated torque	: 266 ft.lb	Insulation class	: F
Locked rotor torque	: 160 %	Service factor	: 1.00
Breakdown torque	: 210 %	Temperature rise	: 105 K
Rated speed	: 2965 rpm	Design	: B

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Performed by			Page 35 / 36	Revision
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VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



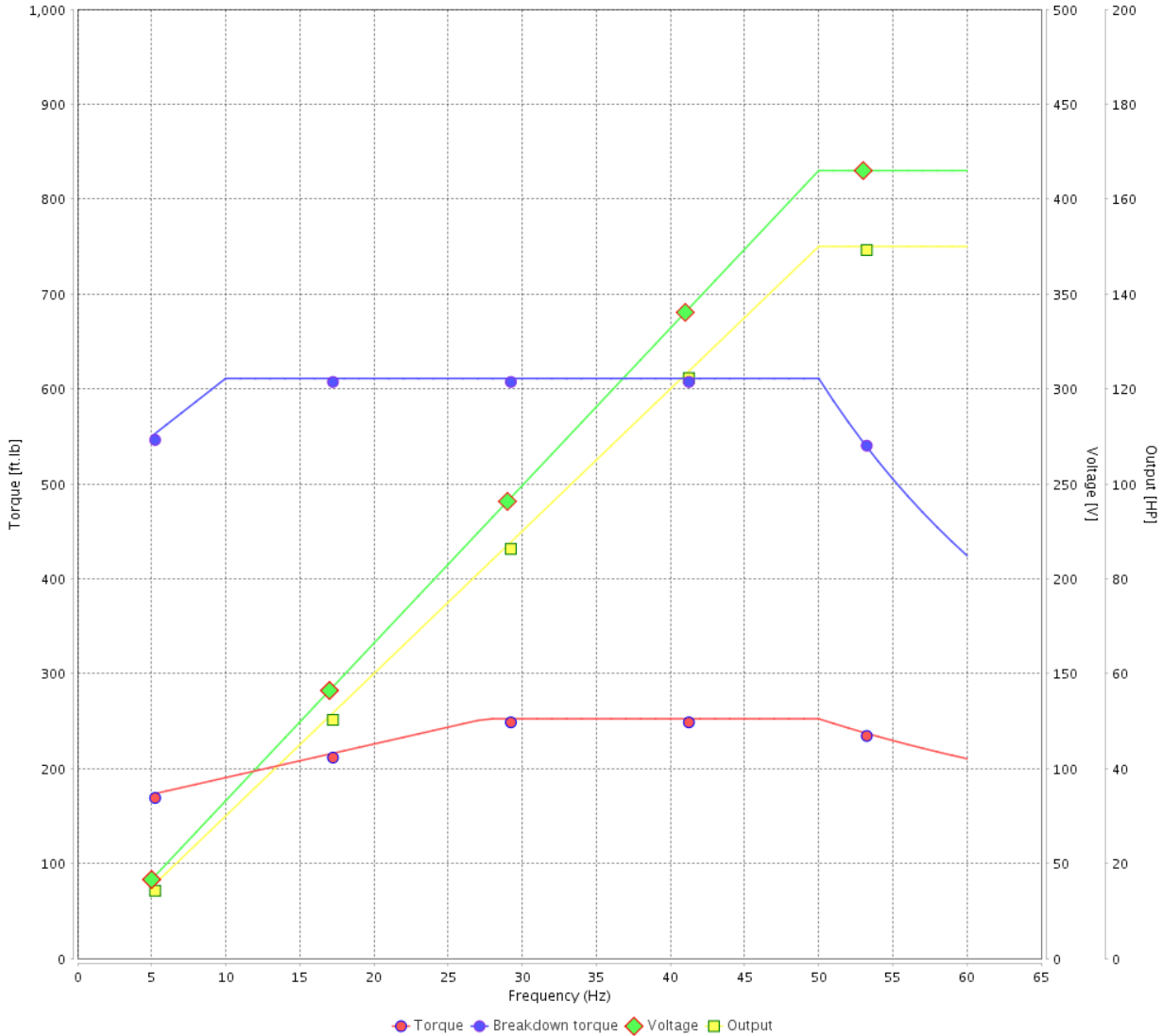
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 11165997

Catalog # : 15036ET3E445TS-W22

VFD OPERATION CURVE



Performance : 415 V 50 Hz 2P IE2

Rated current : 182 A
 LRC : 6.1
 Rated torque : 266 ft.lb
 Locked rotor torque : 170 %
 Breakdown torque : 229 %
 Rated speed : 2965 rpm

Moment of inertia (J) : 39.1 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : B

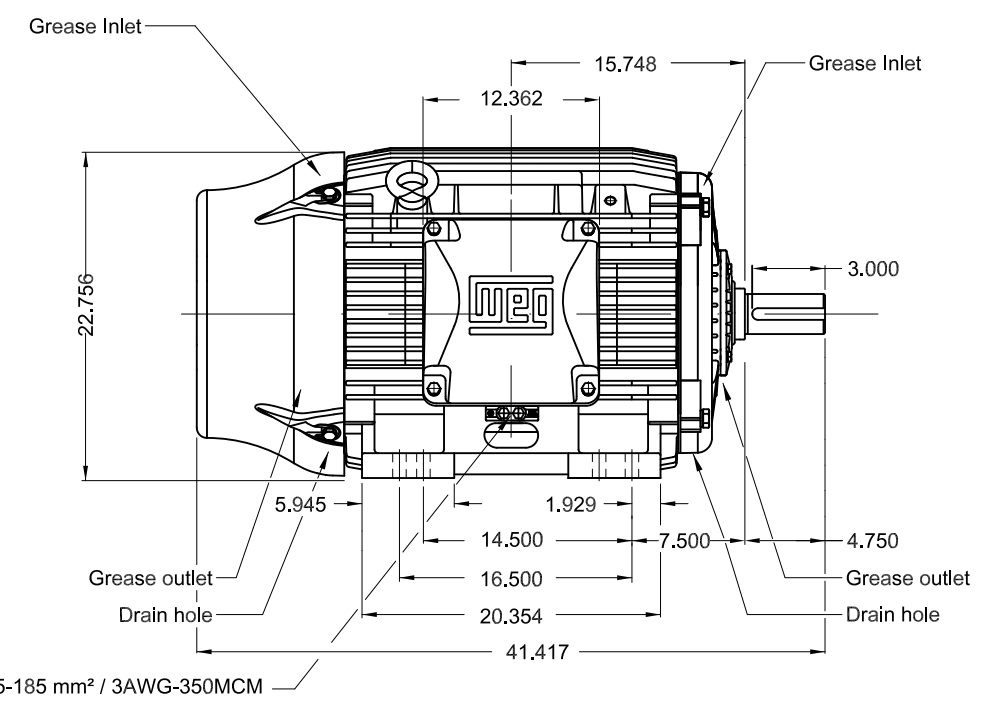
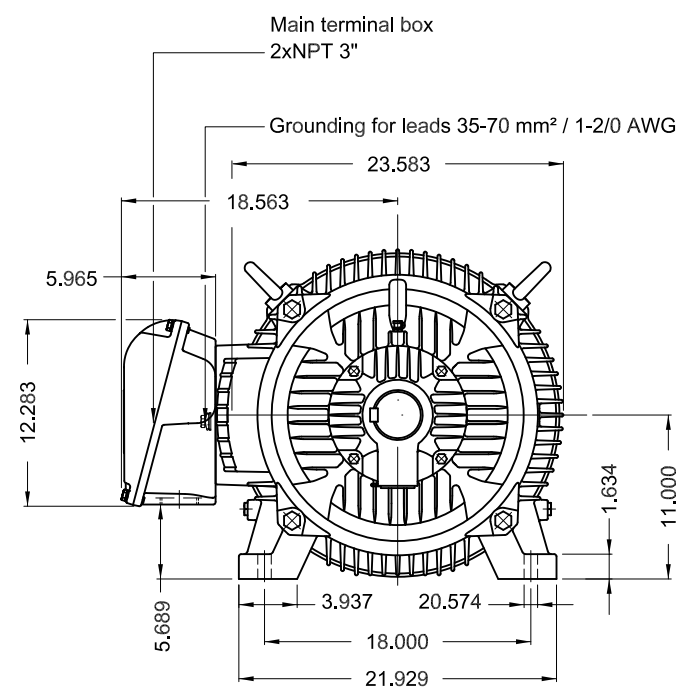
Rev.	Changes Summary	Performed	Checked	Date
Performed by			Page 36 / 36	Revision
Checked by				
Date	13/04/2022			

1 2 3 4 5 6

A

B

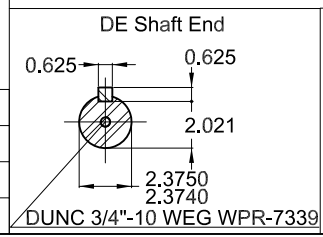
C



D

E

Without vertical jackscrews
 Color RAL 5009
 Painting plan 203A
 Mounting B3R(D)



150 HP 02 Poles 60 Hz A

ECM	LOC	SUMMARY OF MODIFICATIONS	EXECUTED	CHECKED	RELEASED	DATE	VER
EXECUTED	PIRBUSER	THREE PH. MOTOR W22 PREM. EFF.					
CHECKED		FRAME 444/5TS IP55 TEFC					
RELEASED							
REL DT.	WMO	Jaragua do Sul	Product Engineering	SHEET	1 / 1		

PREVIEW
 WDD





FOR SAFE AREA
Mod.TE1BFOXON
CC029A



For use on 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 - T3C
For use on PWM: Gr. A, B, C, D and F,
VT 1000:1, CT 20:1, 1.00SF - T3A

MODEL 15036ET3E445TS-W22

Inverter Duty Motor
Severe Duty

PH3 60Hz Fr. 444/5TS 1000m.a.s.l. IP55 TEFC 1749lb

V 230/460

A 326/163

HP 150

kW 110

SF 1.15

SFA 375/187

RPM 3570

PF 0.89

AMB 40°C

INS cl. F DT80K

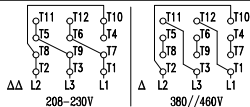
NEMA NOM EFF 95.0%


DUTY CONT.



DES B Code G

USABLE @208V 356A SF 1.00

150HP 110kW 50Hz 380V 200A 2960RPM SF 1.00 EFF 94.1% (IE1)



 → 6314-C3 (27g)
→ 6314-C3 (27g)

 MOBIL POLYREX EM (4000h)


MADE IN MEXICO
11165997