

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :								
Product line	: NEMA Premium Efficiency Three-Phase							
Product code :	13472720							
Catalog # :	02536ET3ER284TSC-W22							
Frame	: 284TSC							
Insulation class	: F							
Duty cycle	: Cont.(S1)							
Ambient temperature	: -20°C to +40°C							
Altitude	: 1000 m.a.s.l.							
Protection degree	: IP55							
Design	: B							
Cooling method	: IC411 - TEFC							
Mounting	: W-6							
Rotation ¹	: Both (CW and CCW)							
Starting method	: Direct On Line							
Approx. weight ²	: 391 lb							
Moment of inertia (J)	: 2.69 sq.ft.lb							
Output [HP]	25	20	20	20	25	25	25	
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]	57.6/28.8	27.9	26.8	26.1	34.9	33.3	31.8	
L. R. Amperes [A]	363/181	173	185	193	171	183	191	
LRC [A]	6.3x(Code G)	6.2x(Code G)	6.9x(Code H)	7.4x(Code H)	4.9x(Code E)	5.5x(Code F)	6.0x(Code F)	
No load current [A]	16.0/8.00	8.00	8.50	9.00	8.00	8.50	9.00	
Rated speed [RPM]	3545	2945	2950	2955	2910	2930	2935	
Slip [%]	1.53	1.83	1.67	1.50	3.00	2.33	2.17	
Rated torque [ft.lb]	37.0	35.7	35.6	35.5	45.1	44.8	44.7	
Locked rotor torque [%]	200	200	229	240	160	180	190	
Breakdown torque [%]	250	240	280	300	200	220	240	
Service factor	1.25	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	105 K	
Locked rotor time	30s (cold) 17s (hot)	25s (cold) 14s (hot)	25s (cold) 14s (hot)	25s (cold) 14s (hot)	25s (cold) 14s (hot)	25s (cold) 14s (hot)	25s (cold) 14s (hot)	
Noise level ²	72.0 dB(A)	67.0 dB(A)	67.0 dB(A)	67.0 dB(A)	67.0 dB(A)	67.0 dB(A)	67.0 dB(A)	
Efficiency (%)	25%	90.8	89.0	89.4	88.9	91.5	91.5	90.8
	50%	91.0	90.2	90.3	89.8	91.0	91.0	91.0
	75%	91.7	90.7	91.1	91.1	90.2	91.0	91.0
	100%	91.7	91.9	91.9	91.9	89.5	90.2	91.0
Power Factor	25%	0.55	0.55	0.52	0.49	0.61	0.58	0.55
	50%	0.79	0.79	0.77	0.75	0.83	0.81	0.80
	75%	0.86	0.86	0.85	0.83	0.88	0.87	0.86
	100%	0.88	0.89	0.88	0.87	0.90	0.89	0.89
Bearing type	: Drive end : 6311 C3	Non drive end : 6211 C3	Foundation loads					
Sealing	: V'Ring	V'Ring	Max. traction : 272 lb					
Lubrication interval	: 7000 h	8000 h	Max. compression : 663 lb					
Lubricant amount	: 18 g	11 g						
Lubricant type	: Mobil Polyrex EM							
Notes								
USABLE @208V 63.0A SF 1.10 SFA 69.3A								
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



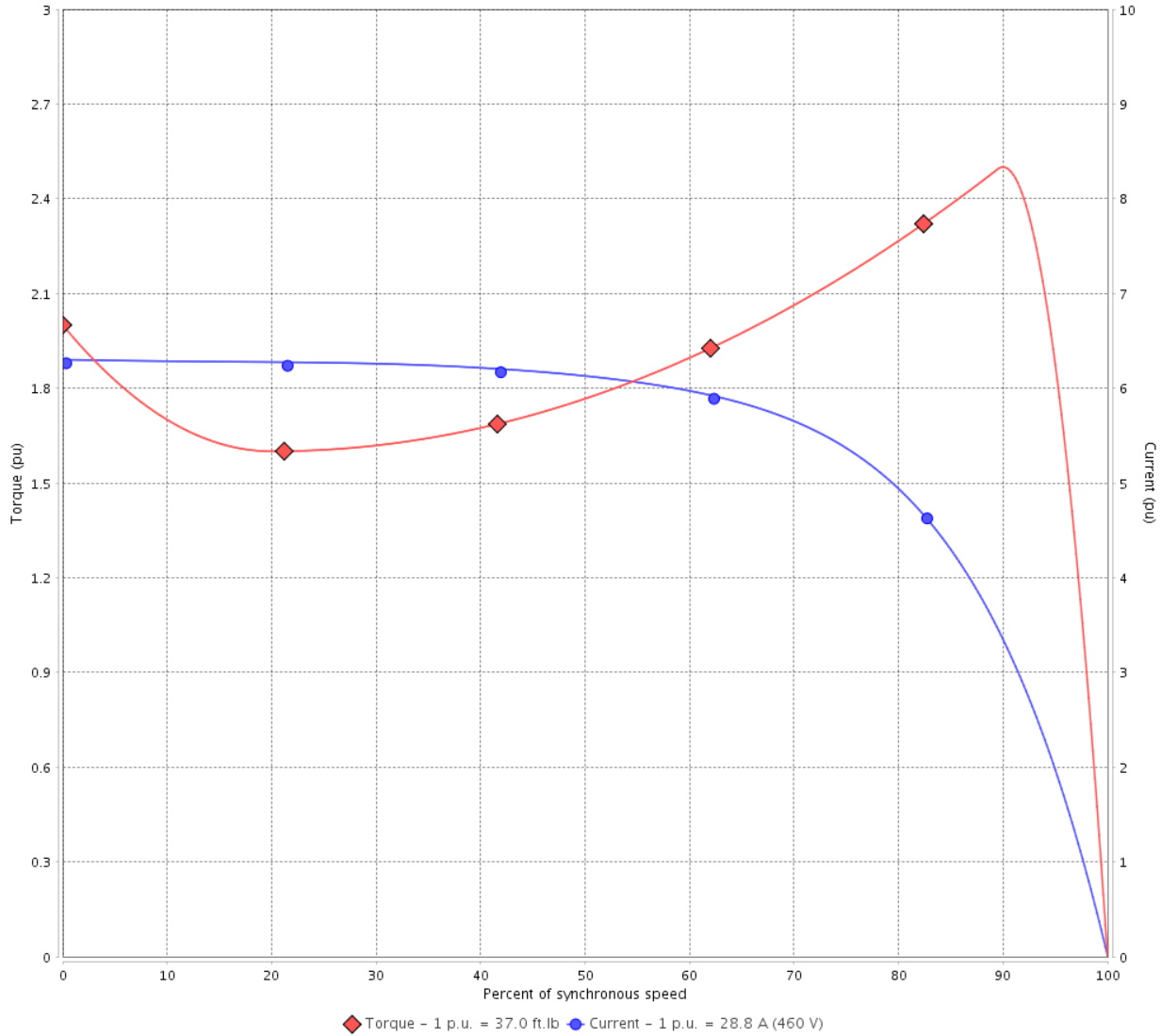
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472720

Catalog # : 02536ET3ER284TSC-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 230/460 V 60 Hz 2P

Rated current	: 57.6/28.8 A	Moment of inertia (J)	: 2.69 sq.ft.lb
LRC	: 6.3	Duty cycle	: Cont.(S1)
Rated torque	: 37.0 ft.lb	Insulation class	: F
Locked rotor torque	: 200 %	Service factor	: 1.25
Breakdown torque	: 250 %	Temperature rise	: 80 K
Rated speed	: 3545 rpm	Design	: B

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

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TORQUE AND CURRENT VS SPEED CURVE



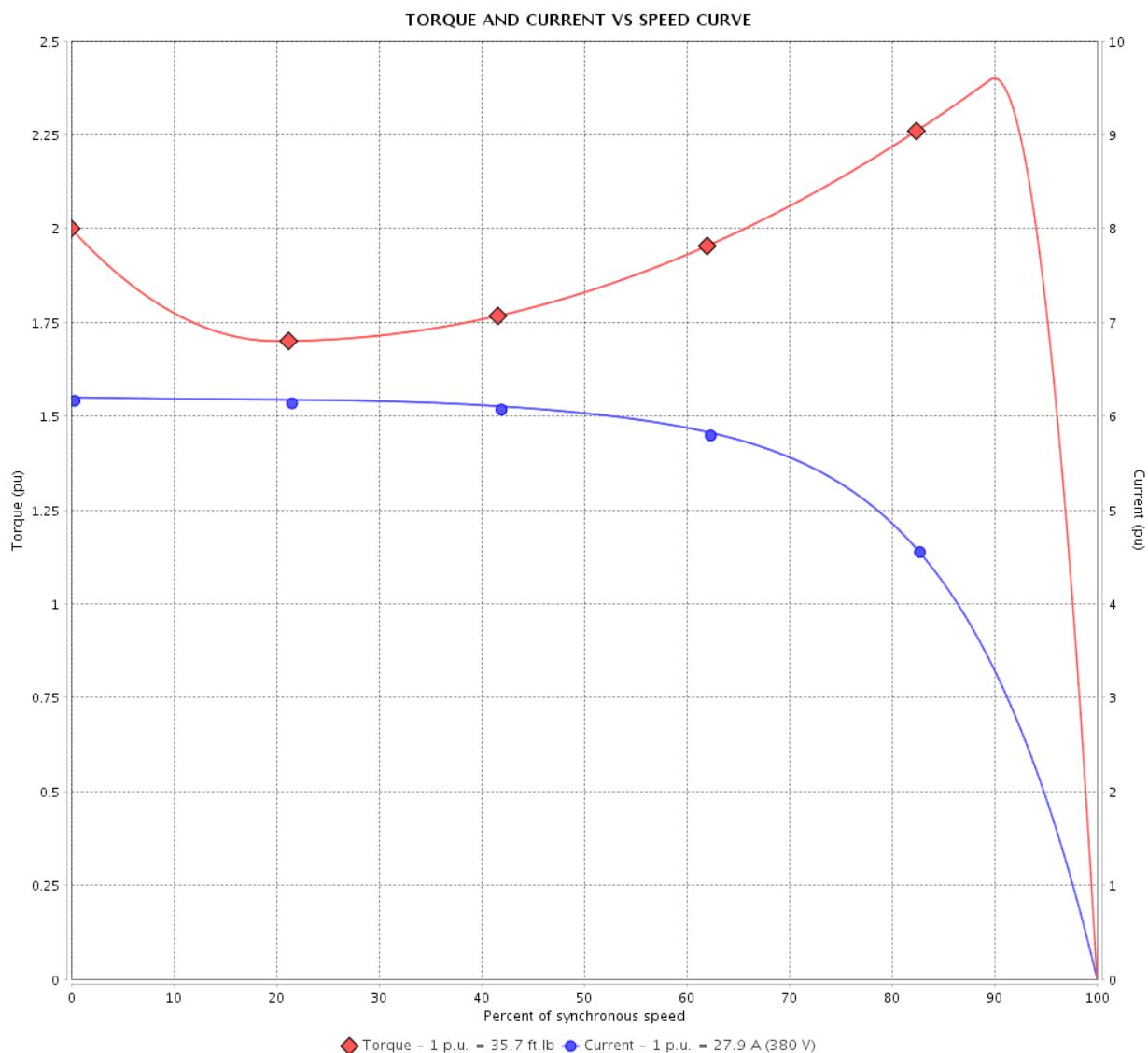
Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472720

Catalog # : 02536ET3ER284TSC-W22



Performance : 380 V 50 Hz 2P IE3

Rated current	: 27.9 A	Moment of inertia (J)	: 2.69 sq.ft.lb
LRC	: 6.2	Duty cycle	: Cont.(S1)
Rated torque	: 35.7 ft.lb	Insulation class	: F
Locked rotor torque	: 200 %	Service factor	: 1.00
Breakdown torque	: 240 %	Temperature rise	: 80 K
Rated speed	: 2945 rpm	Design	: B

Locked rotor time : 25s (cold) 14s (hot)

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



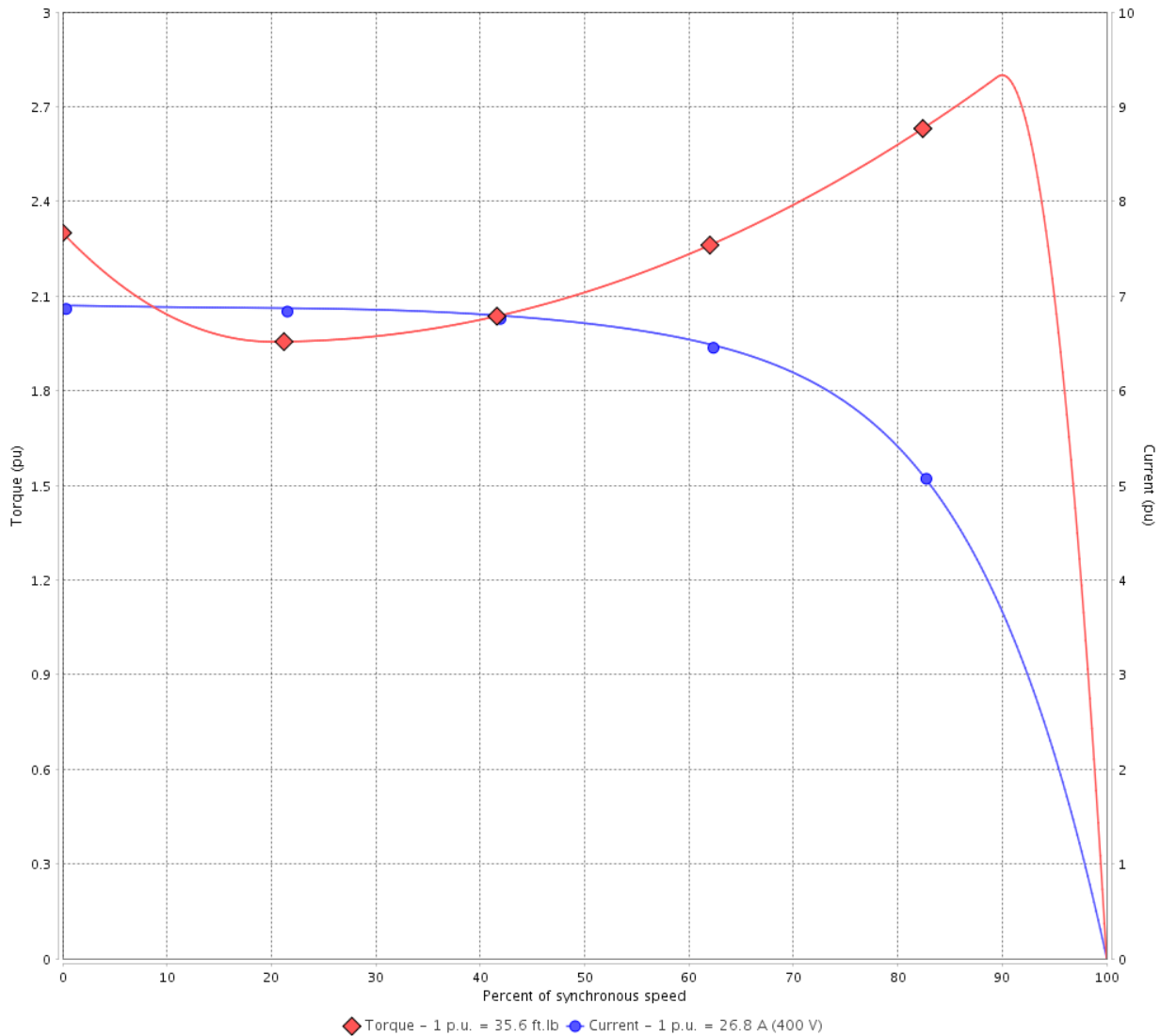
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472720

Catalog # : 02536ET3ER284TSC-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 400 V 50 Hz 2P IE3

Rated current	: 26.8 A	Moment of inertia (J)	: 2.69 sq.ft.lb
LRC	: 6.9	Duty cycle	: Cont.(S1)
Rated torque	: 35.6 ft.lb	Insulation class	: F
Locked rotor torque	: 229 %	Service factor	: 1.00
Breakdown torque	: 280 %	Temperature rise	: 80 K
Rated speed	: 2950 rpm	Design	: B

Locked rotor time : 25s (cold) 14s (hot)

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TORQUE AND CURRENT VS SPEED CURVE



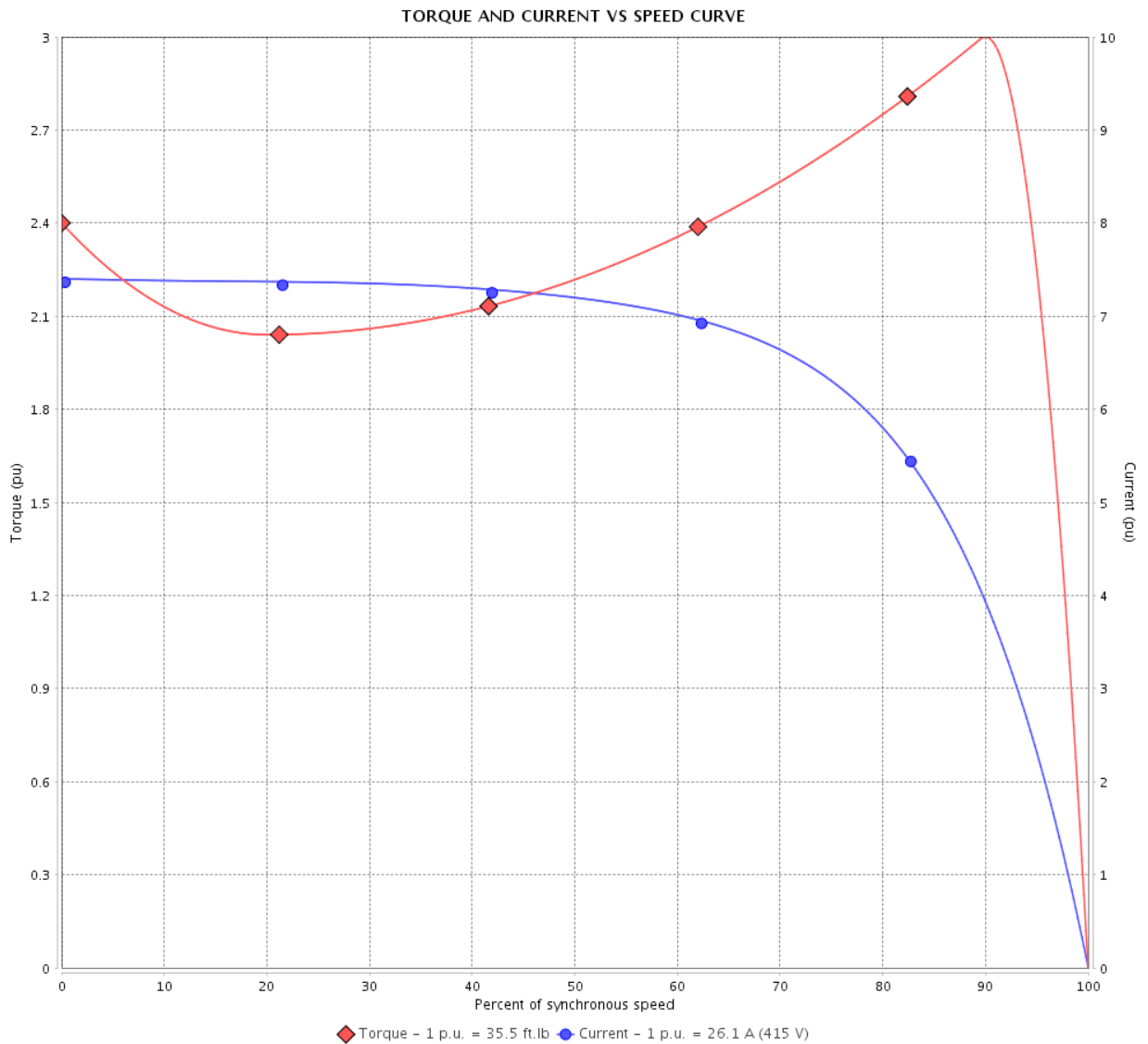
Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472720

Catalog # : 02536ET3ER284TSC-W22



Performance : 415 V 50 Hz 2P IE3

Rated current	: 26.1 A	Moment of inertia (J)	: 2.69 sq.ft.lb
LRC	: 7.4	Duty cycle	: Cont.(S1)
Rated torque	: 35.5 ft.lb	Insulation class	: F
Locked rotor torque	: 240 %	Service factor	: 1.00
Breakdown torque	: 300 %	Temperature rise	: 80 K
Rated speed	: 2955 rpm	Design	: B

Locked rotor time : 25s (cold) 14s (hot)

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TORQUE AND CURRENT VS SPEED CURVE

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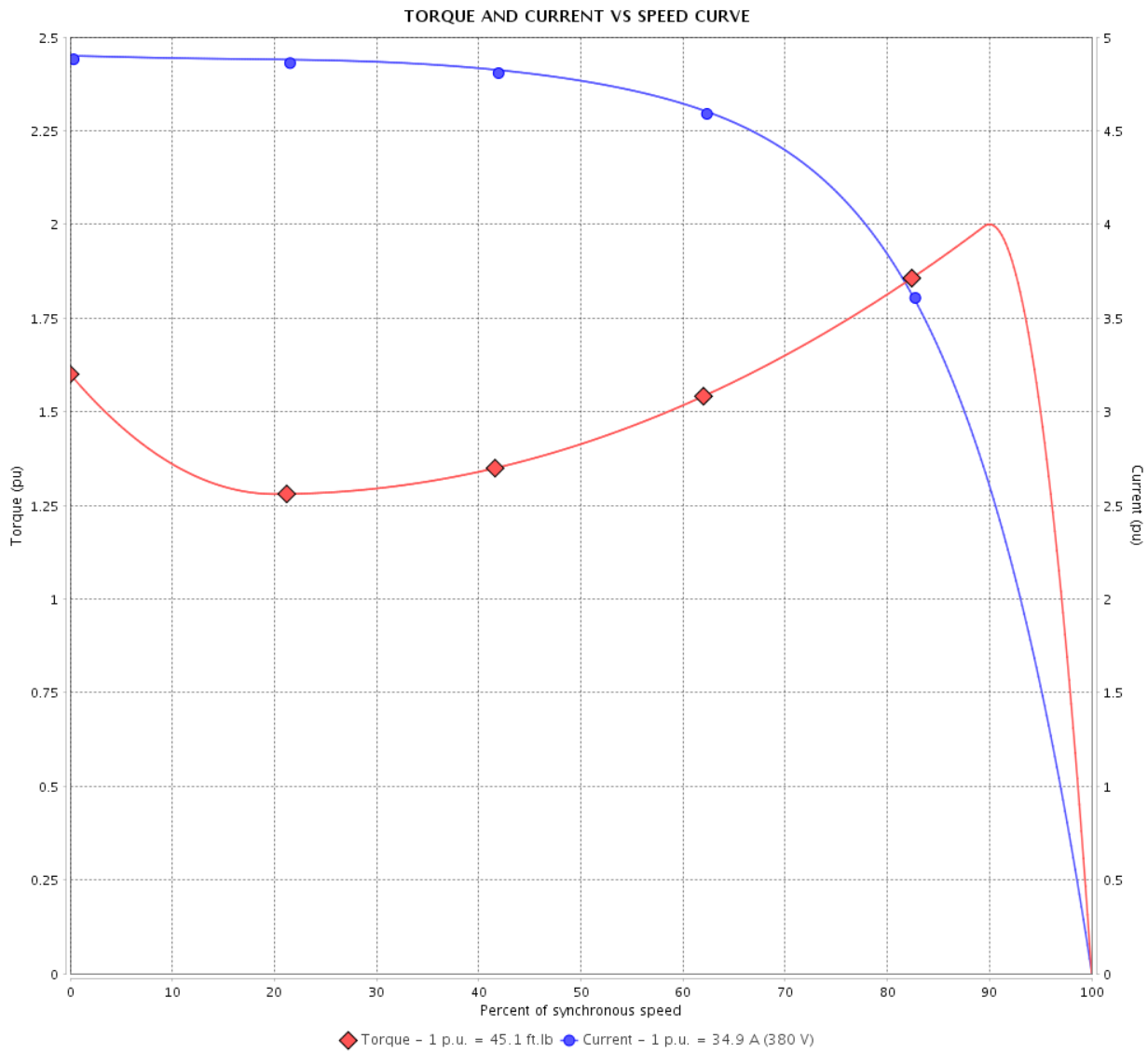


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472720

Catalog # : 02536ET3ER284TSC-W22



Performance : 380 V 50 Hz 2P IE1

Rated current	: 34.9 A	Moment of inertia (J)	: 2.69 sq.ft.lb
LRC	: 4.9	Duty cycle	: Cont.(S1)
Rated torque	: 45.1 ft.lb	Insulation class	: F
Locked rotor torque	: 160 %	Service factor	: 1.00
Breakdown torque	: 200 %	Temperature rise	: 105 K
Rated speed	: 2910 rpm	Design	: B

Locked rotor time : 25s (cold) 14s (hot)

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TORQUE AND CURRENT VS SPEED CURVE



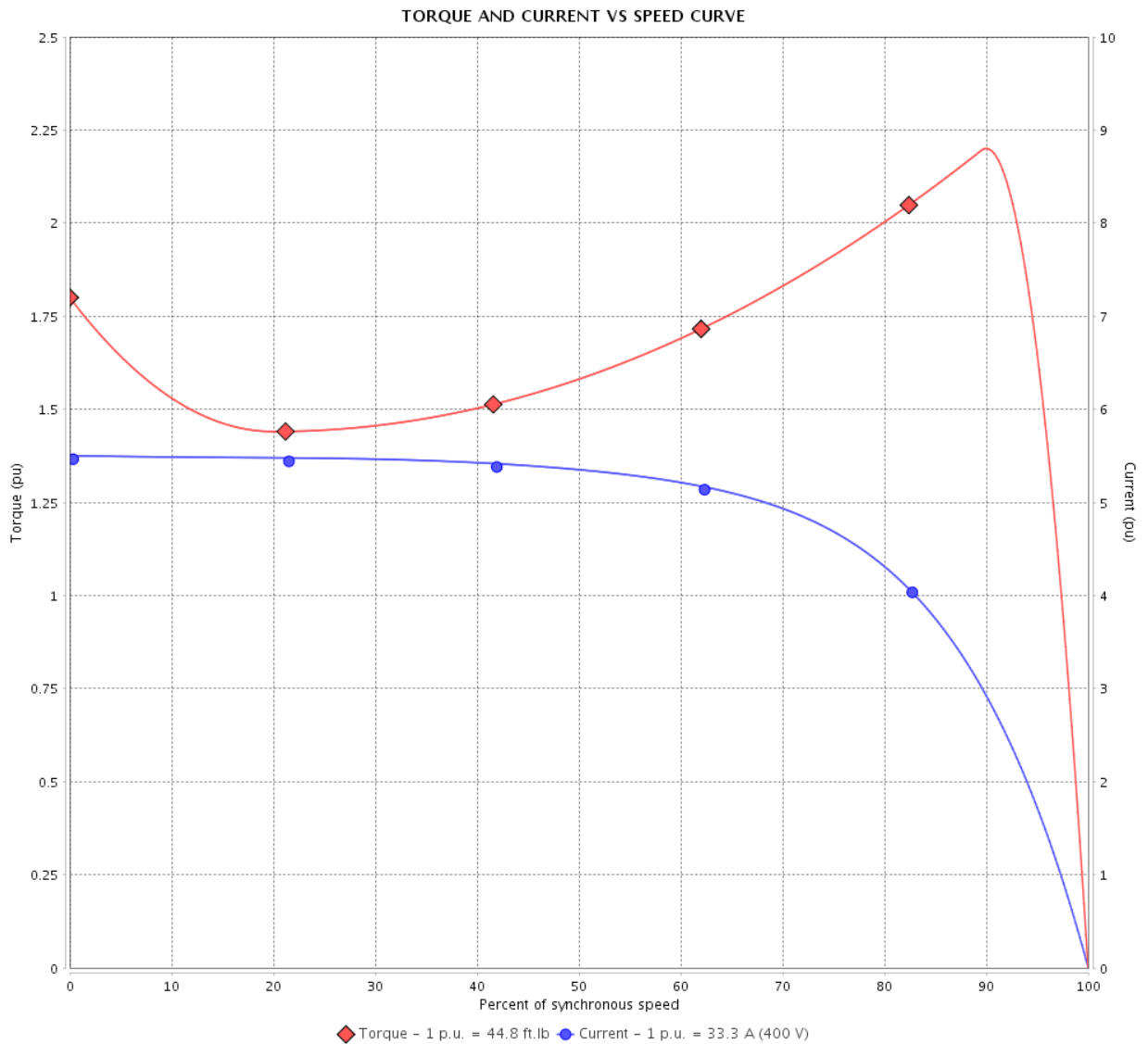
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Product code : 13472720

Catalog # : 02536ET3ER284TSC-W22



Performance : 400 V 50 Hz 2P IE1

Rated current	: 33.3 A	Moment of inertia (J)	: 2.69 sq.ft.lb
LRC	: 5.5	Duty cycle	: Cont.(S1)
Rated torque	: 44.8 ft.lb	Insulation class	: F
Locked rotor torque	: 180 %	Service factor	: 1.00
Breakdown torque	: 220 %	Temperature rise	: 105 K
Rated speed	: 2930 rpm	Design	: B

Locked rotor time : 25s (cold) 14s (hot)

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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



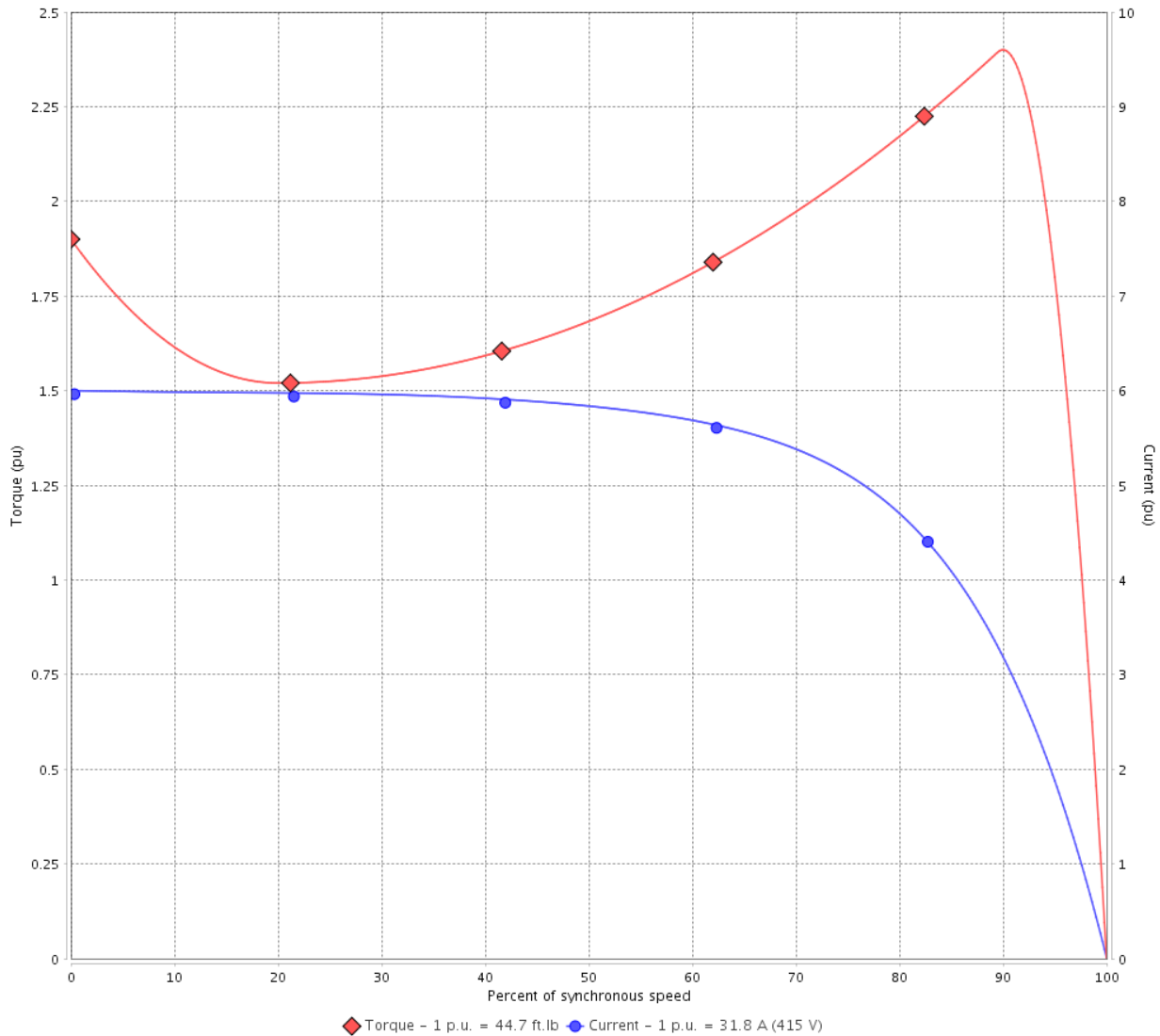
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472720

Catalog # : 02536ET3ER284TSC-W22

TORQUE AND CURRENT VS SPEED CURVE



Performance : 415 V 50 Hz 2P IE2

Rated current	: 31.8 A	Moment of inertia (J)	: 2.69 sq.ft.lb
LRC	: 6.0	Duty cycle	: Cont.(S1)
Rated torque	: 44.7 ft.lb	Insulation class	: F
Locked rotor torque	: 190 %	Service factor	: 1.00
Breakdown torque	: 240 %	Temperature rise	: 105 K
Rated speed	: 2935 rpm	Design	: B

Locked rotor time : 25s (cold) 14s (hot)

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Three Phase Induction Motor - Squirrel Cage

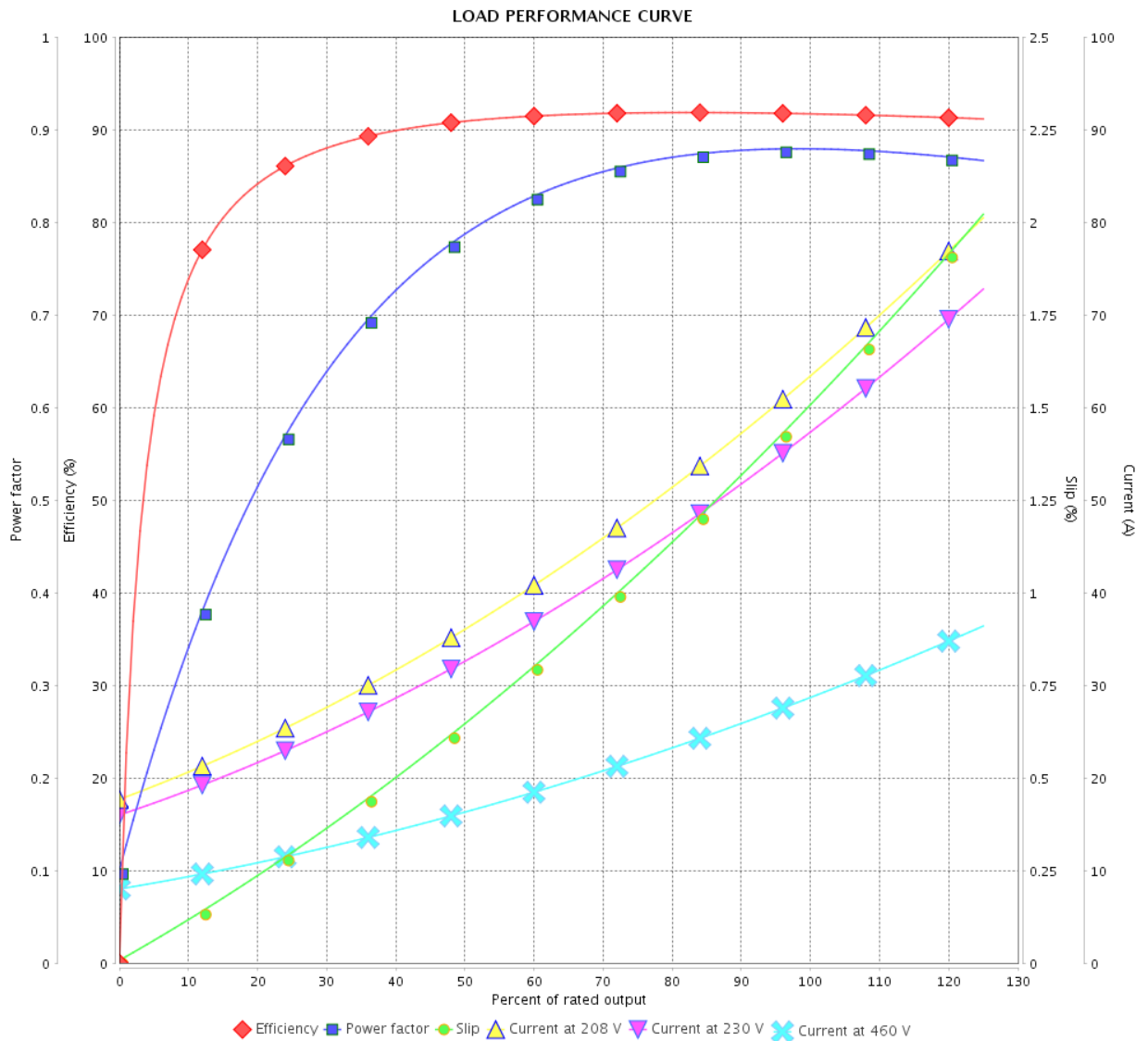


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Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472720

Catalog # : 02536ET3ER284TSC-W22



Performance : 230/460 V 60 Hz 2P

Rated current : 57.6/28.8 A
 LRC : 6.3
 Rated torque : 37.0 ft.lb
 Locked rotor torque : 200 %
 Breakdown torque : 250 %
 Rated speed : 3545 rpm

Moment of inertia (J) : 2.69 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.25
 Temperature rise : 80 K
 Design : B

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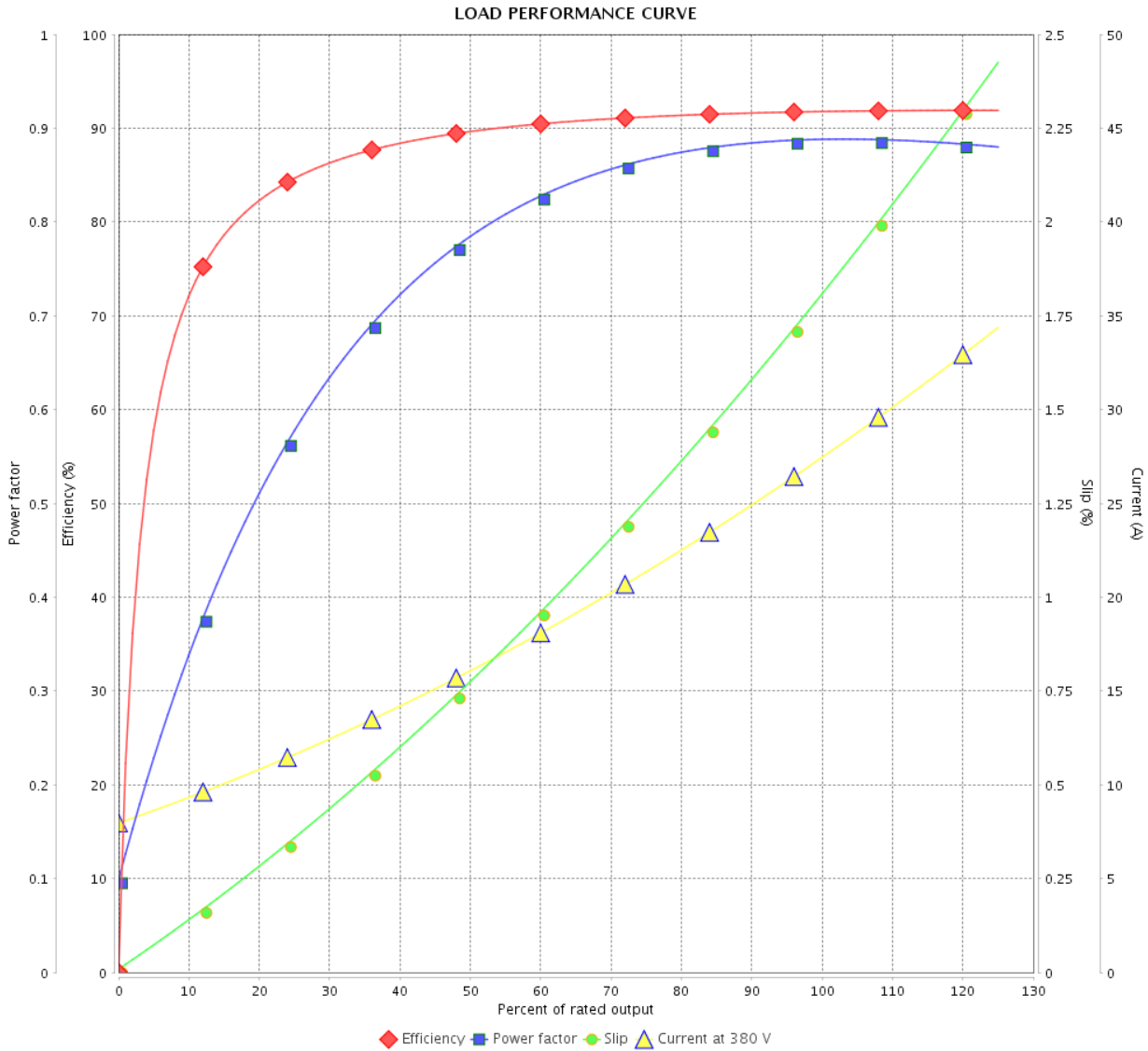


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472720

Catalog # : 02536ET3ER284TSC-W22



Performance : 380 V 50 Hz 2P IE3

Rated current : 27.9 A
 LRC : 6.2
 Rated torque : 35.7 ft.lb
 Locked rotor torque : 200 %
 Breakdown torque : 240 %
 Rated speed : 2945 rpm

Moment of inertia (J) : 2.69 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : B

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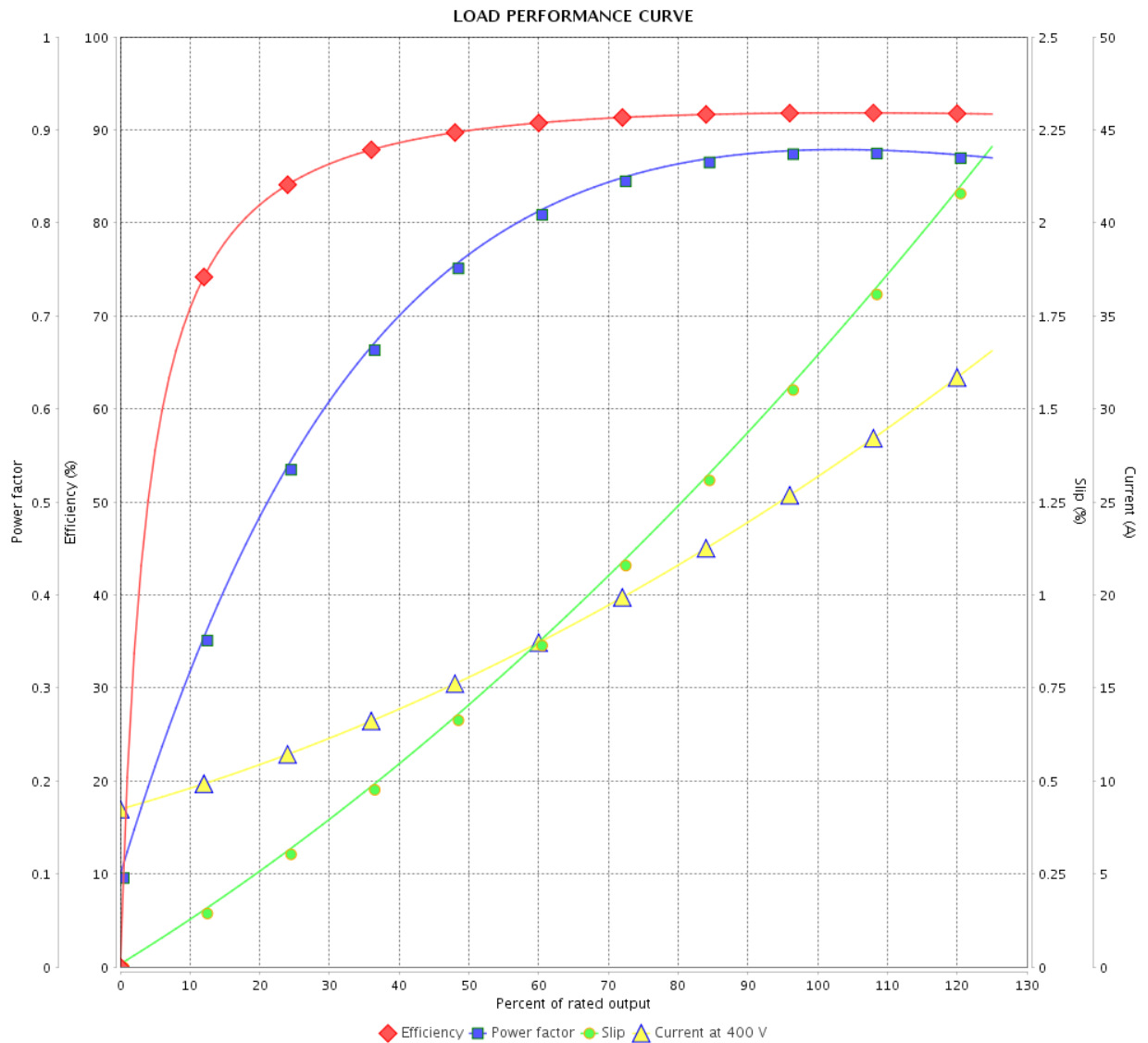


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Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472720

Catalog # : 02536ET3ER284TSC-W22



Performance : 400 V 50 Hz 2P IE3

Rated current : 26.8 A
 LRC : 6.9
 Rated torque : 35.6 ft.lb
 Locked rotor torque : 229 %
 Breakdown torque : 280 %
 Rated speed : 2950 rpm

Moment of inertia (J) : 2.69 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

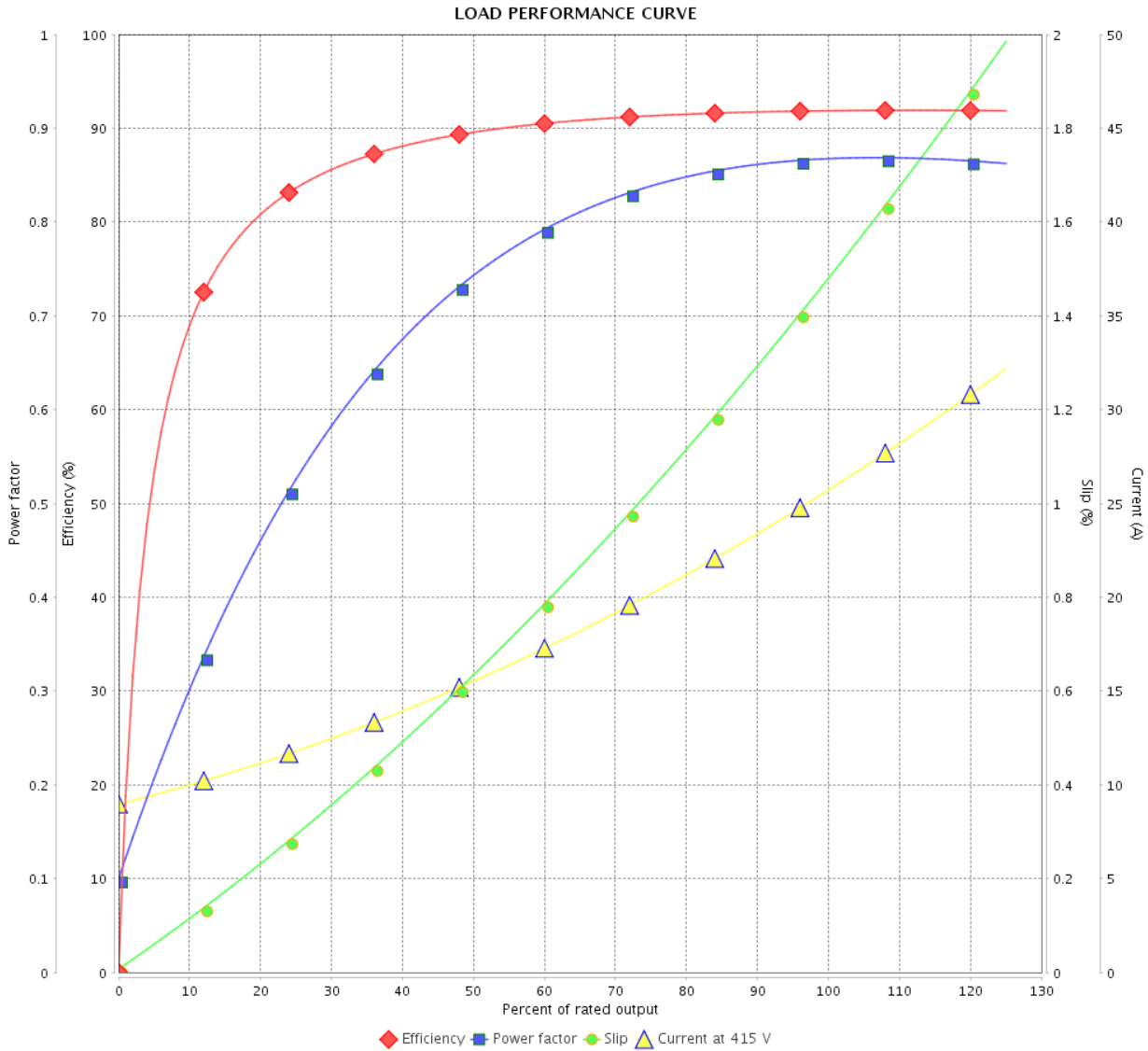


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472720

Catalog # : 02536ET3ER284TSC-W22



Performance : 415 V 50 Hz 2P IE3

Rated current : 26.1 A
 LRC : 7.4
 Rated torque : 35.5 ft.lb
 Locked rotor torque : 240 %
 Breakdown torque : 300 %
 Rated speed : 2955 rpm

Moment of inertia (J) : 2.69 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

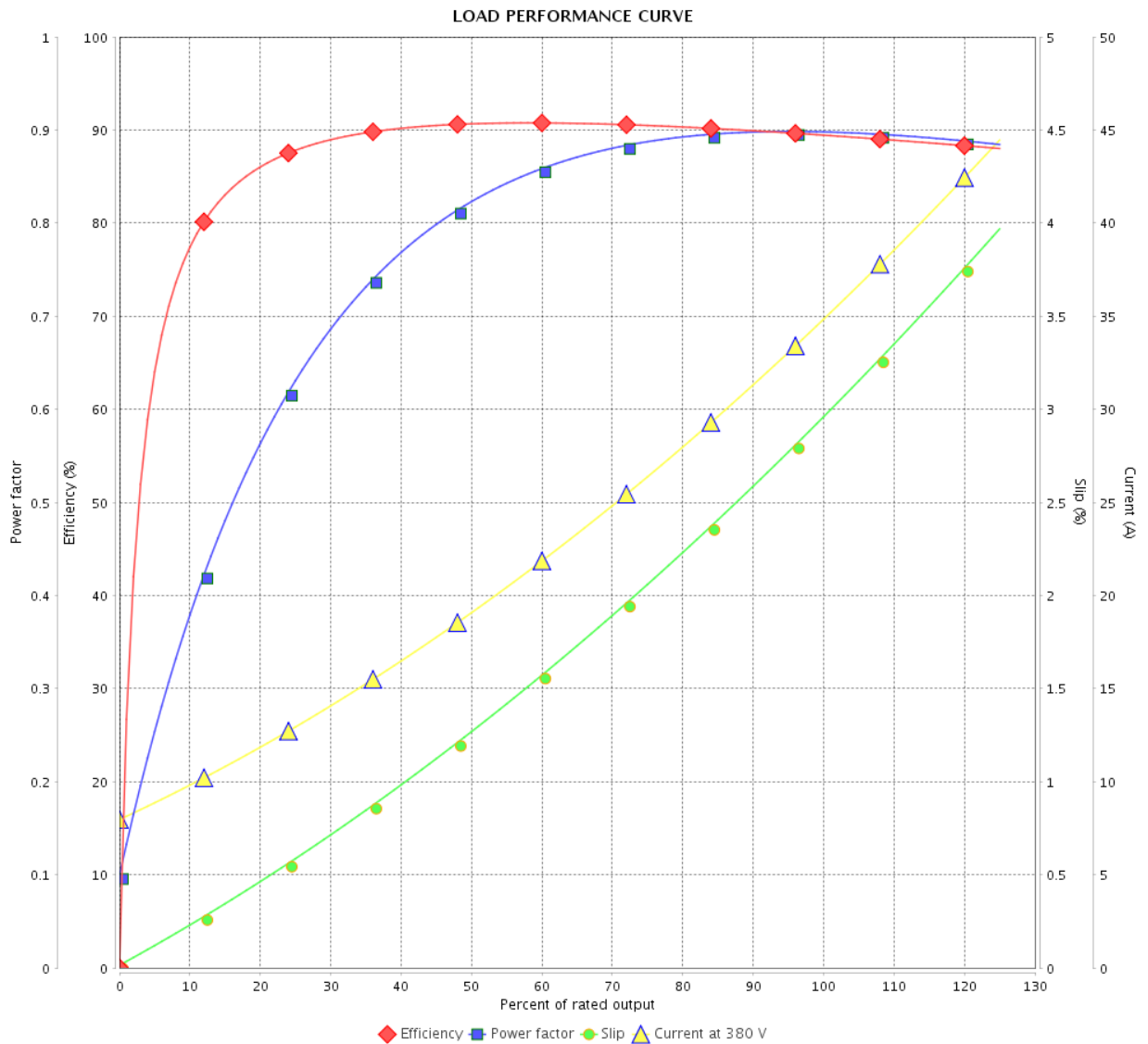


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472720

Catalog # : 02536ET3ER284TSC-W22



Performance : 380 V 50 Hz 2P IE1

Rated current : 34.9 A
 LRC : 4.9
 Rated torque : 45.1 ft.lb
 Locked rotor torque : 160 %
 Breakdown torque : 200 %
 Rated speed : 2910 rpm

Moment of inertia (J) : 2.69 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 105 K
 Design : B

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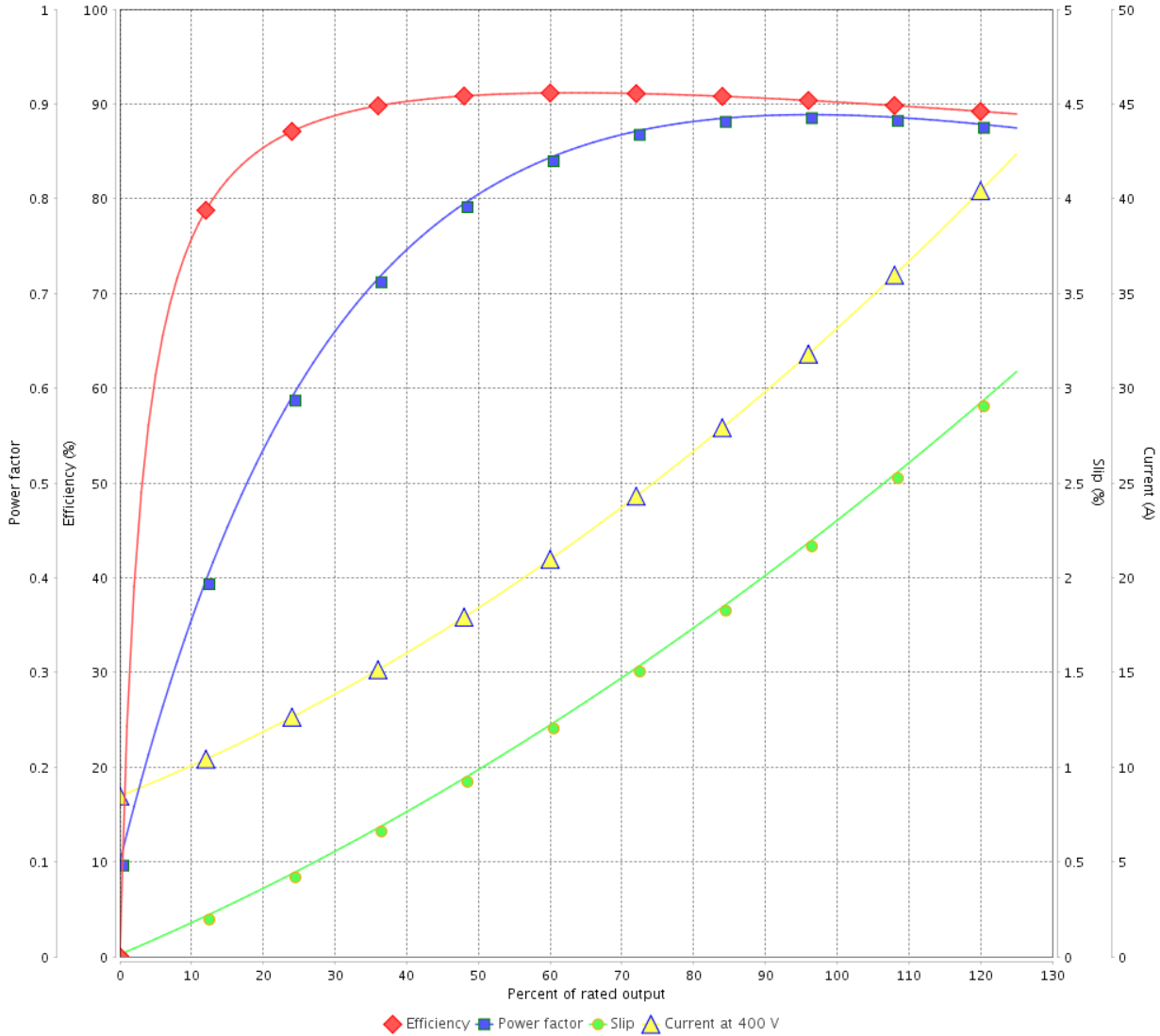
Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472720

Catalog # : 02536ET3ER284TSC-W22

LOAD PERFORMANCE CURVE



Performance : 400 V 50 Hz 2P IE1

Rated current : 33.3 A
 LRC : 5.5
 Rated torque : 44.8 ft.lb
 Locked rotor torque : 180 %
 Breakdown torque : 220 %
 Rated speed : 2930 rpm

Moment of inertia (J) : 2.69 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

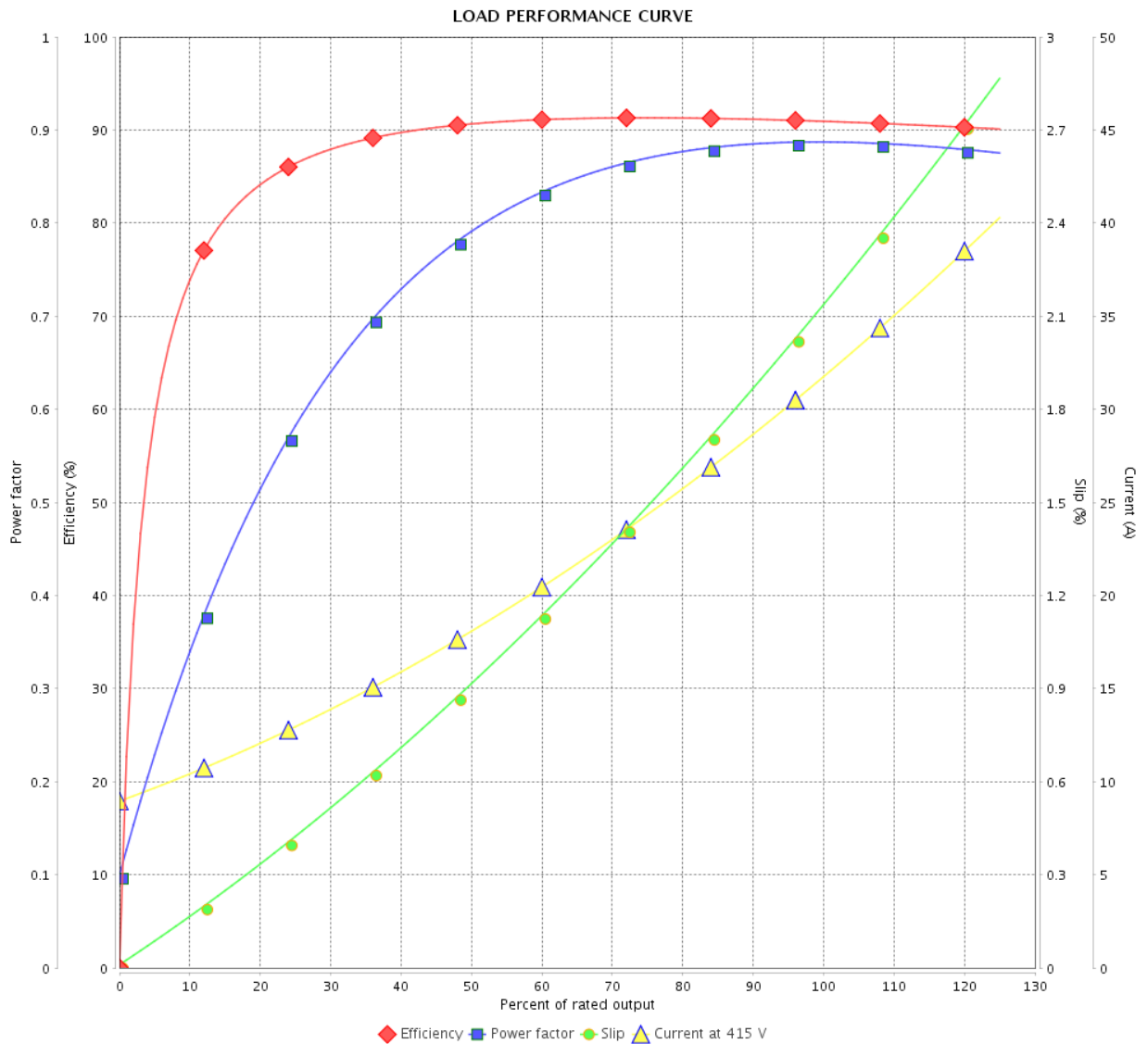


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472720

Catalog # : 02536ET3ER284TSC-W22



Performance : 415 V 50 Hz 2P IE2

Rated current : 31.8 A
 LRC : 6.0
 Rated torque : 44.7 ft.lb
 Locked rotor torque : 190 %
 Breakdown torque : 240 %
 Rated speed : 2935 rpm

Moment of inertia (J) : 2.69 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 105 K
 Design : B

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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer :

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Product code : 13472720

Catalog # : 02536ET3ER284TSC-W22

Performance : 230/460 V 60 Hz 2P

Rated current : 57.6/28.8 A
LRC : 6.3
Rated torque : 37.0 ft.lb
Locked rotor torque : 200 %
Breakdown torque : 250 %
Rated speed : 3545 rpm

Moment of inertia (J) : 2.69 sq.ft.lb
Duty cycle : Cont.(S1)
Insulation class : F
Service factor : 1.25
Temperature rise : 80 K
Design : B

Heating constant

Cooling constant

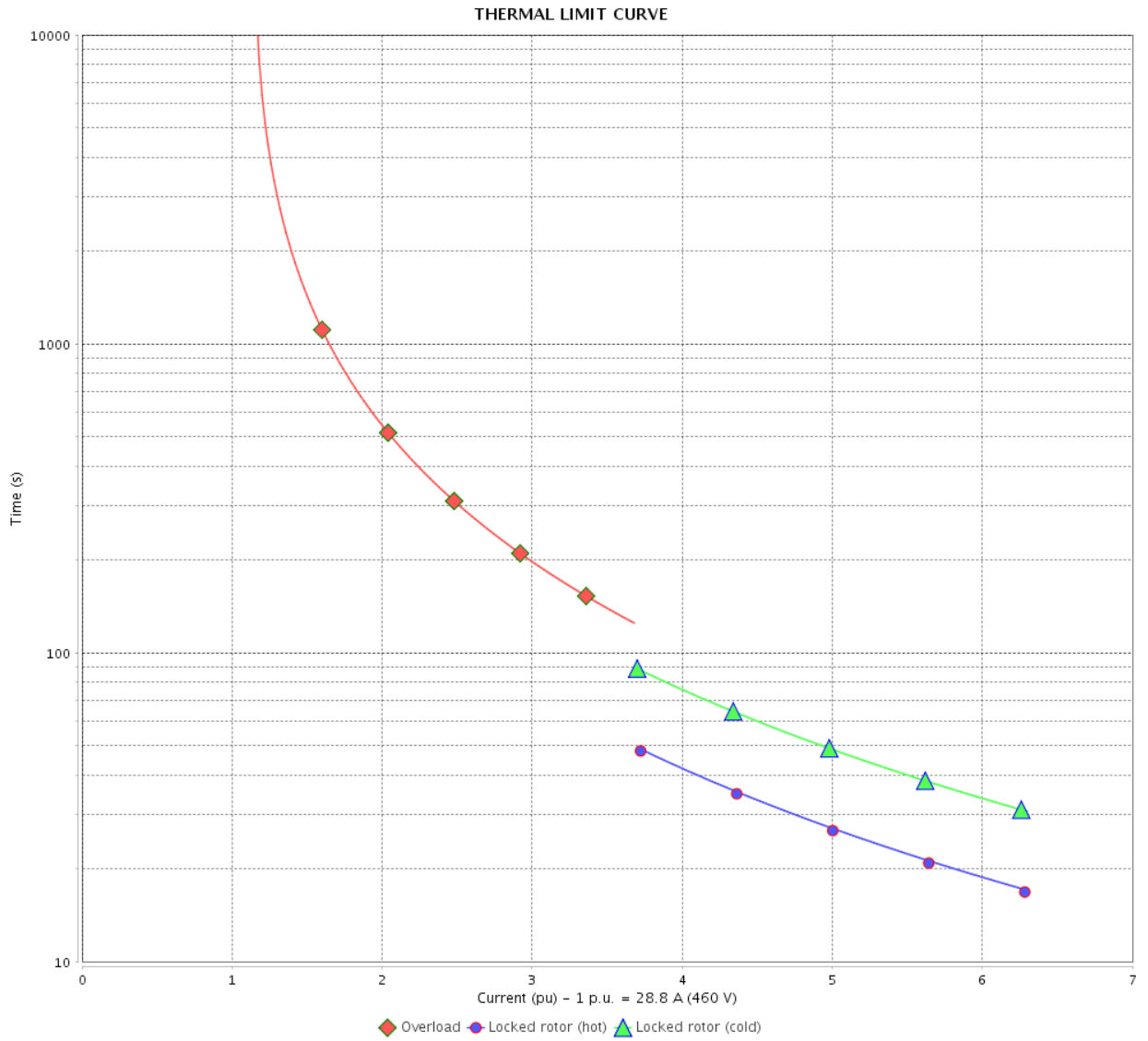
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Three Phase Induction Motor - Squirrel Cage



Customer : _____



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THERMAL LIMIT CURVE



Three Phase Induction Motor - Squirrel Cage

Customer :

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Product code : 13472720

Catalog # : 02536ET3ER284TSC-W22

Performance : 380 V 50 Hz 2P IE3

Rated current	: 27.9 A	Moment of inertia (J)	: 2.69 sq.ft.lb
LRC	: 6.2	Duty cycle	: Cont.(S1)
Rated torque	: 35.7 ft.lb	Insulation class	: F
Locked rotor torque	: 200 %	Service factor	: 1.00
Breakdown torque	: 240 %	Temperature rise	: 80 K
Rated speed	: 2945 rpm	Design	: B

Heating constant

Cooling constant

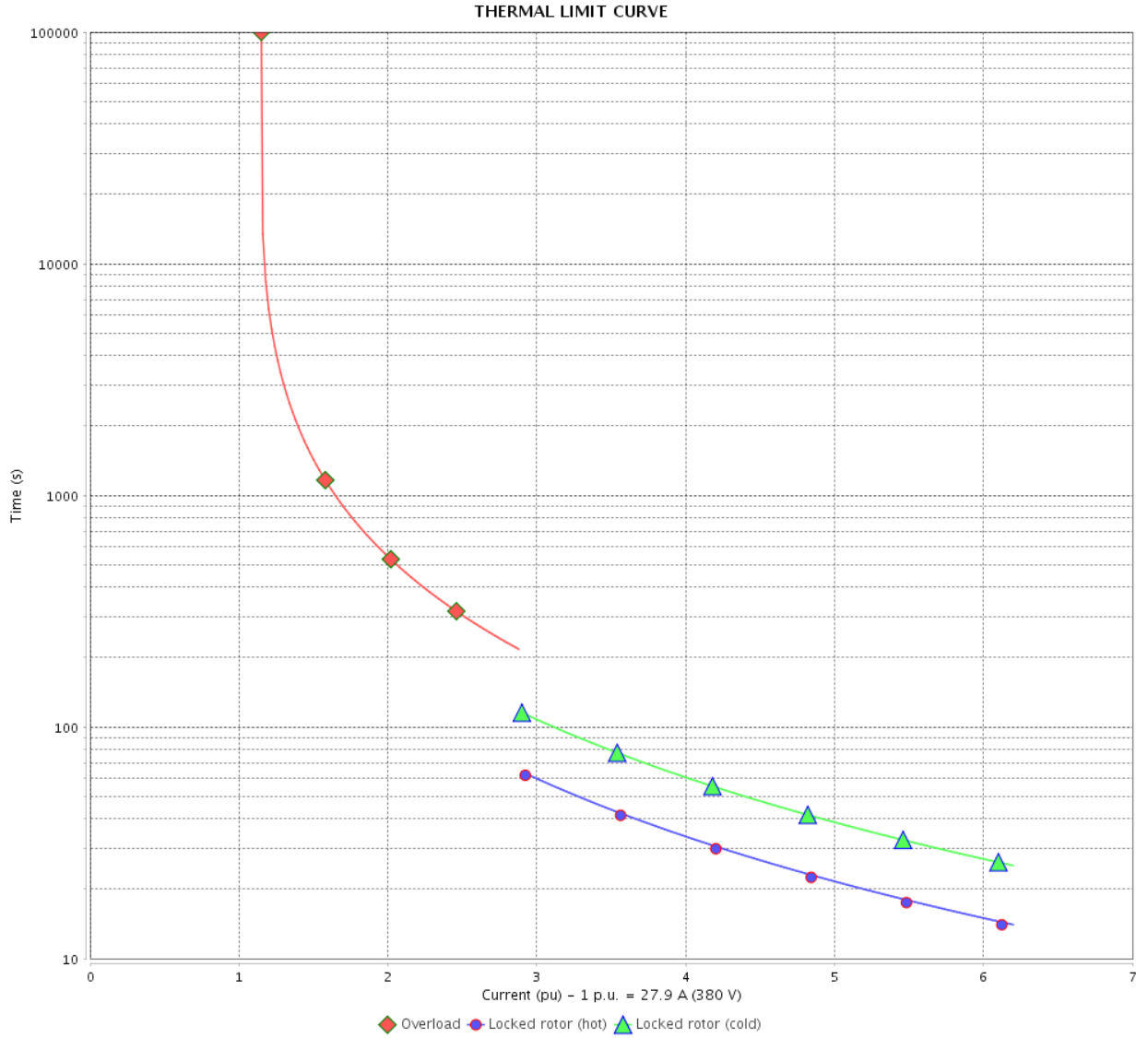
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Performance : 400 V 50 Hz 2P IE3

Rated current	: 26.8 A	Moment of inertia (J)	: 2.69 sq.ft.lb
LRC	: 6.9	Duty cycle	: Cont.(S1)
Rated torque	: 35.6 ft.lb	Insulation class	: F
Locked rotor torque	: 229 %	Service factor	: 1.00
Breakdown torque	: 280 %	Temperature rise	: 80 K
Rated speed	: 2950 rpm	Design	: B

Heating constant

Cooling constant

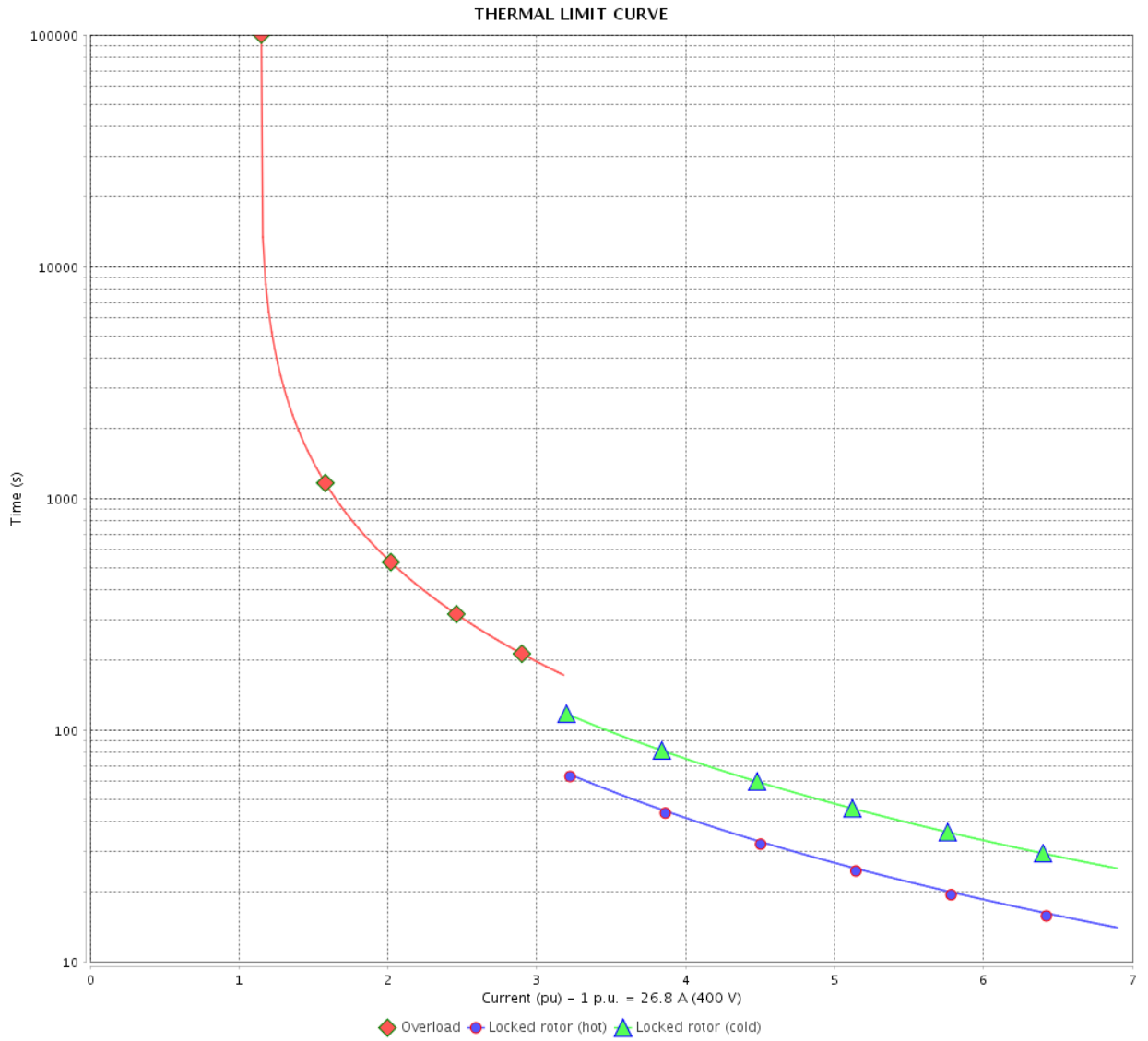
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THERMAL LIMIT CURVE

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Customer :

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Performance : 415 V 50 Hz 2P IE3

Rated current	: 26.1 A	Moment of inertia (J)	: 2.69 sq.ft.lb
LRC	: 7.4	Duty cycle	: Cont.(S1)
Rated torque	: 35.5 ft.lb	Insulation class	: F
Locked rotor torque	: 240 %	Service factor	: 1.00
Breakdown torque	: 300 %	Temperature rise	: 80 K
Rated speed	: 2955 rpm	Design	: B

Heating constant

Cooling constant

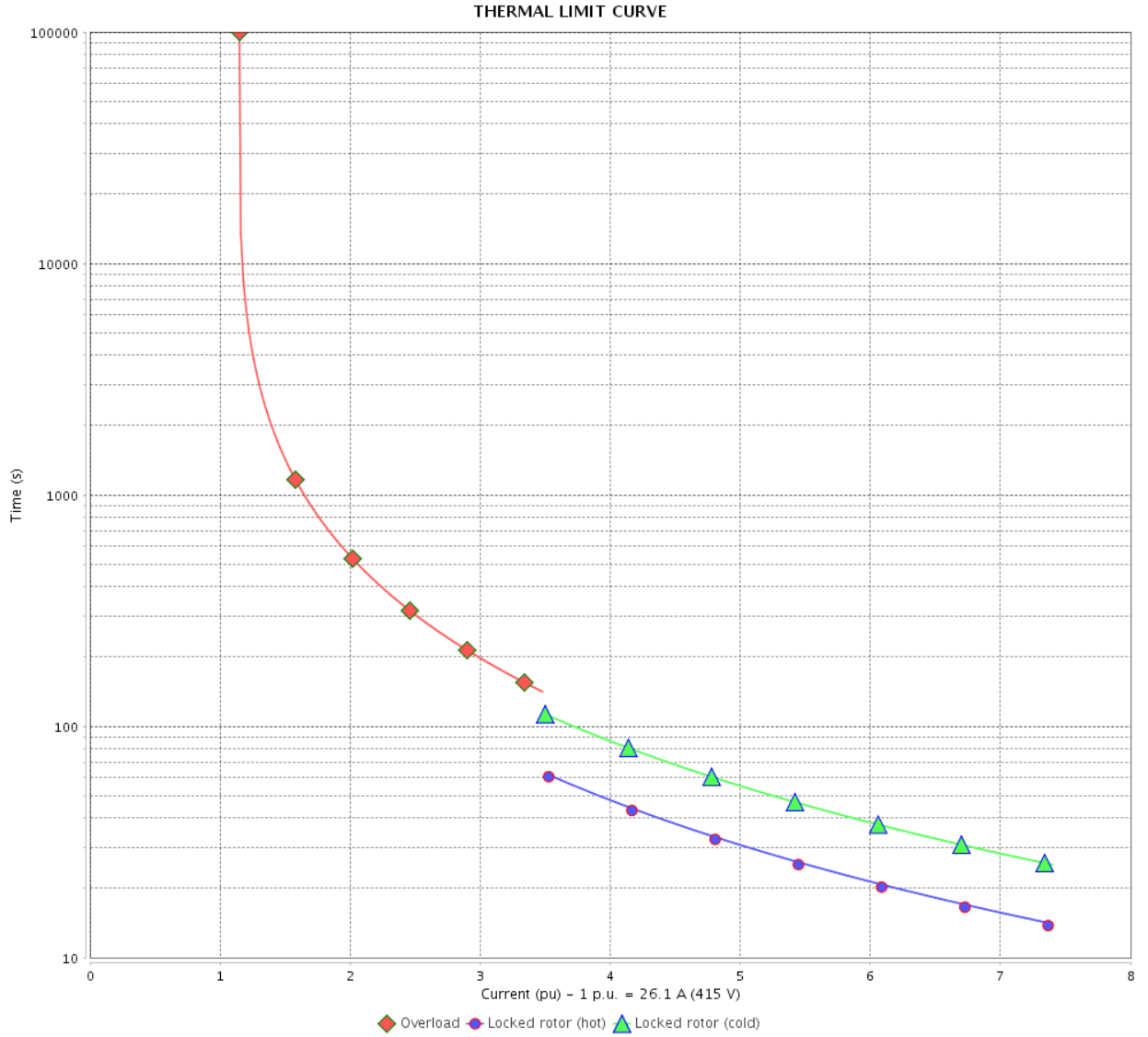
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LRC	: 4.9	Duty cycle	: Cont.(S1)
Rated torque	: 45.1 ft.lb	Insulation class	: F
Locked rotor torque	: 160 %	Service factor	: 1.00
Breakdown torque	: 200 %	Temperature rise	: 105 K
Rated speed	: 2910 rpm	Design	: B

Heating constant

Cooling constant

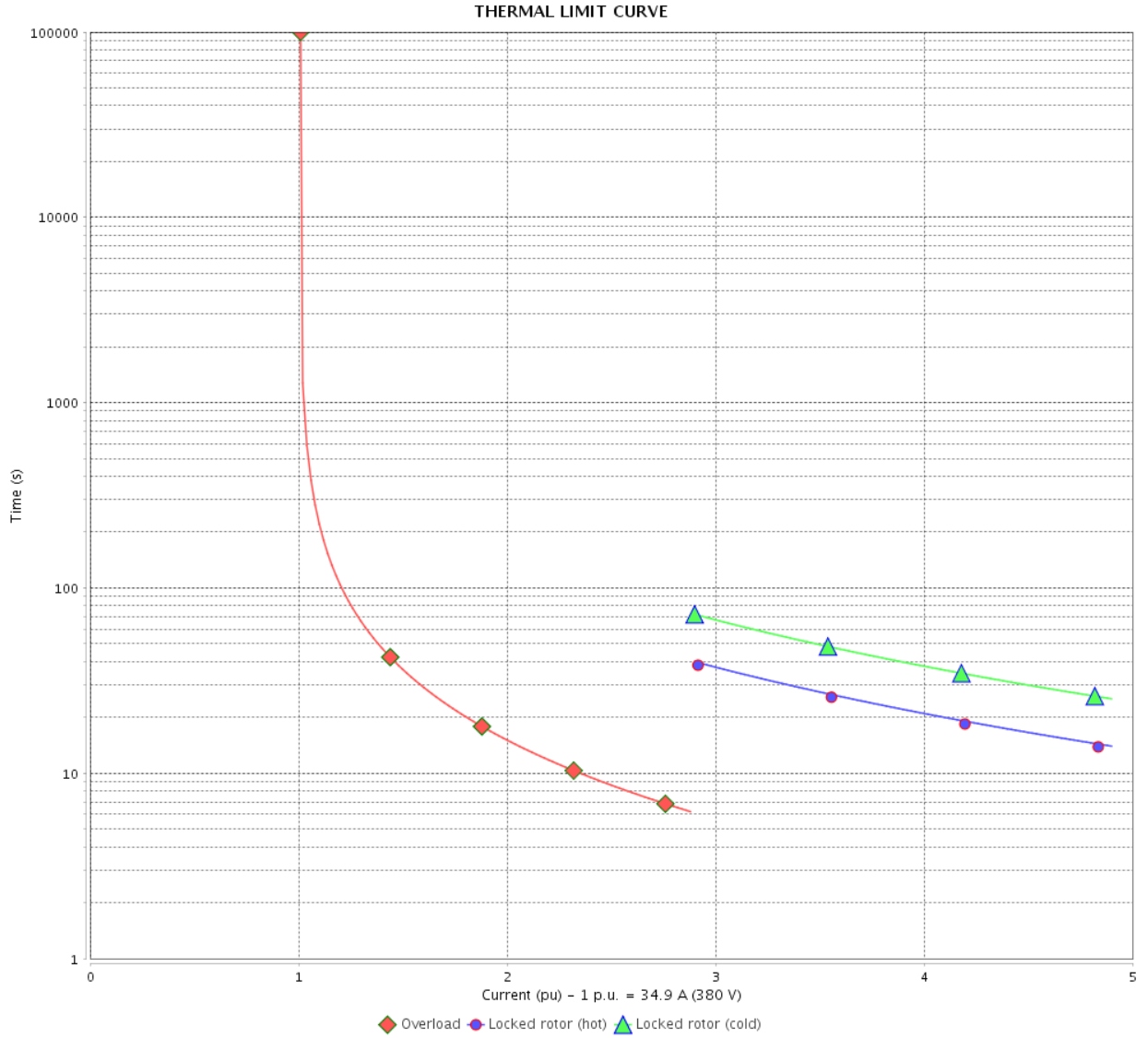
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Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472720

Catalog # : 02536ET3ER284TSC-W22

Performance : 400 V 50 Hz 2P IE1

Rated current	: 33.3 A	Moment of inertia (J)	: 2.69 sq.ft.lb
LRC	: 5.5	Duty cycle	: Cont.(S1)
Rated torque	: 44.8 ft.lb	Insulation class	: F
Locked rotor torque	: 180 %	Service factor	: 1.00
Breakdown torque	: 220 %	Temperature rise	: 105 K
Rated speed	: 2930 rpm	Design	: B

Heating constant

Cooling constant

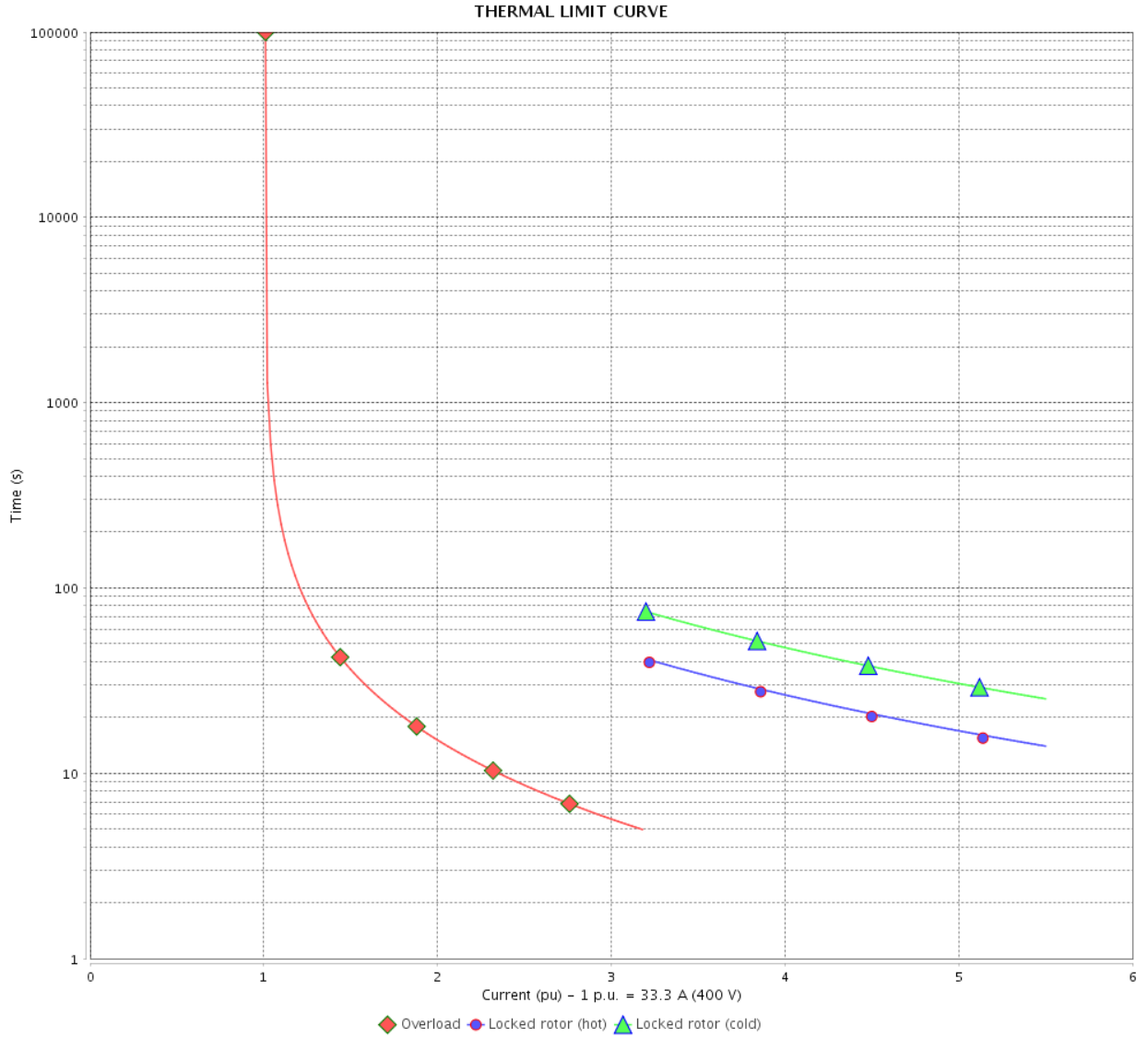
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
Date	14/04/2022		26 / 36	

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____



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Performed by		Page		Revision
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 : 13472720
Catalog # : 02536ET3ER284TSC-W22

Performance : 415 V 50 Hz 2P IE2

Rated current	: 31.8 A	Moment of inertia (J)	: 2.69 sq.ft.lb
LRC	: 6.0	Duty cycle	: Cont.(S1)
Rated torque	: 44.7 ft.lb	Insulation class	: F
Locked rotor torque	: 190 %	Service factor	: 1.00
Breakdown torque	: 240 %	Temperature rise	: 105 K
Rated speed	: 2935 rpm	Design	: B

Heating constant

Cooling constant

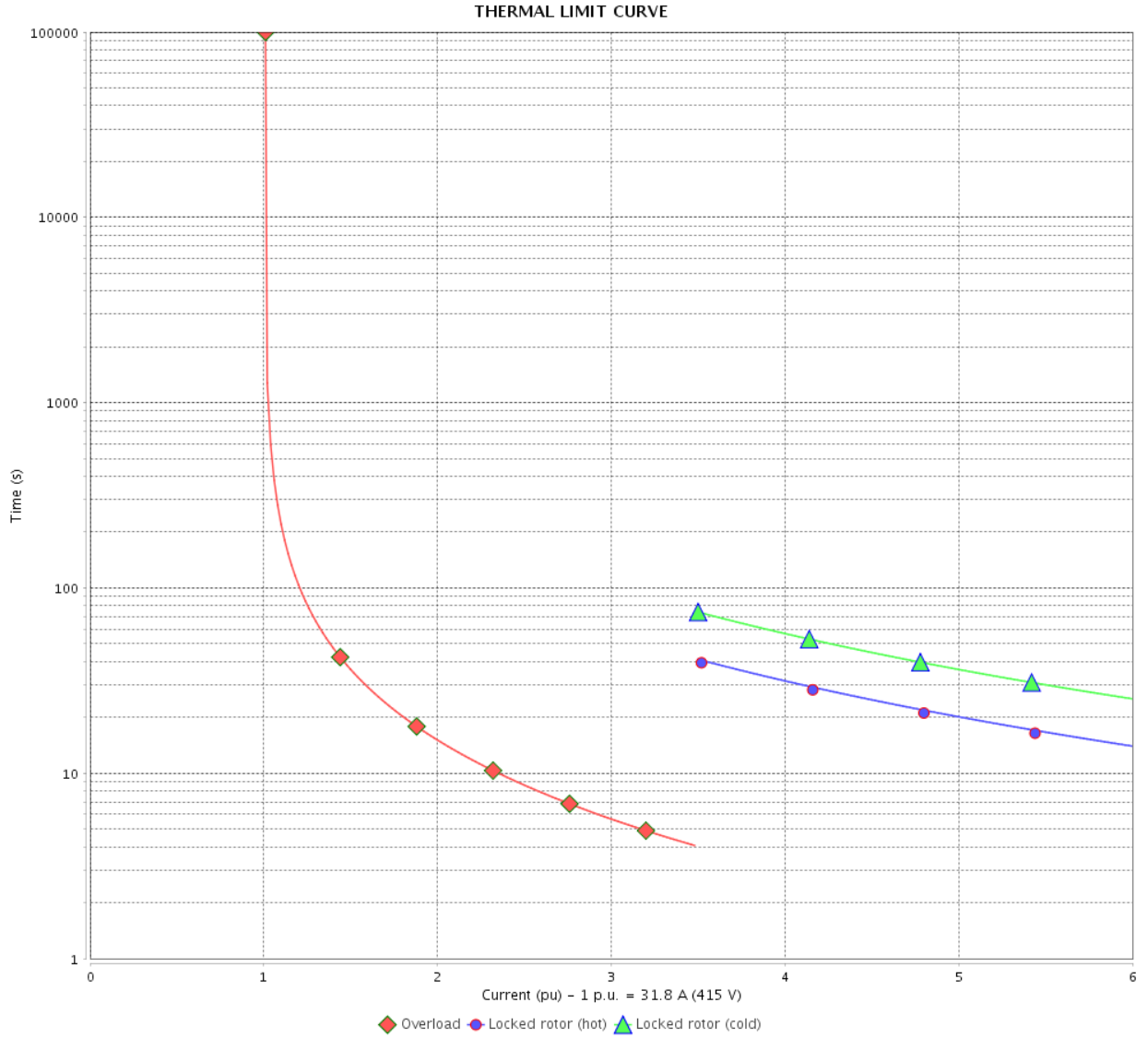
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
Date	14/04/2022		28 / 36	

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : _____



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Checked by				
Date				

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



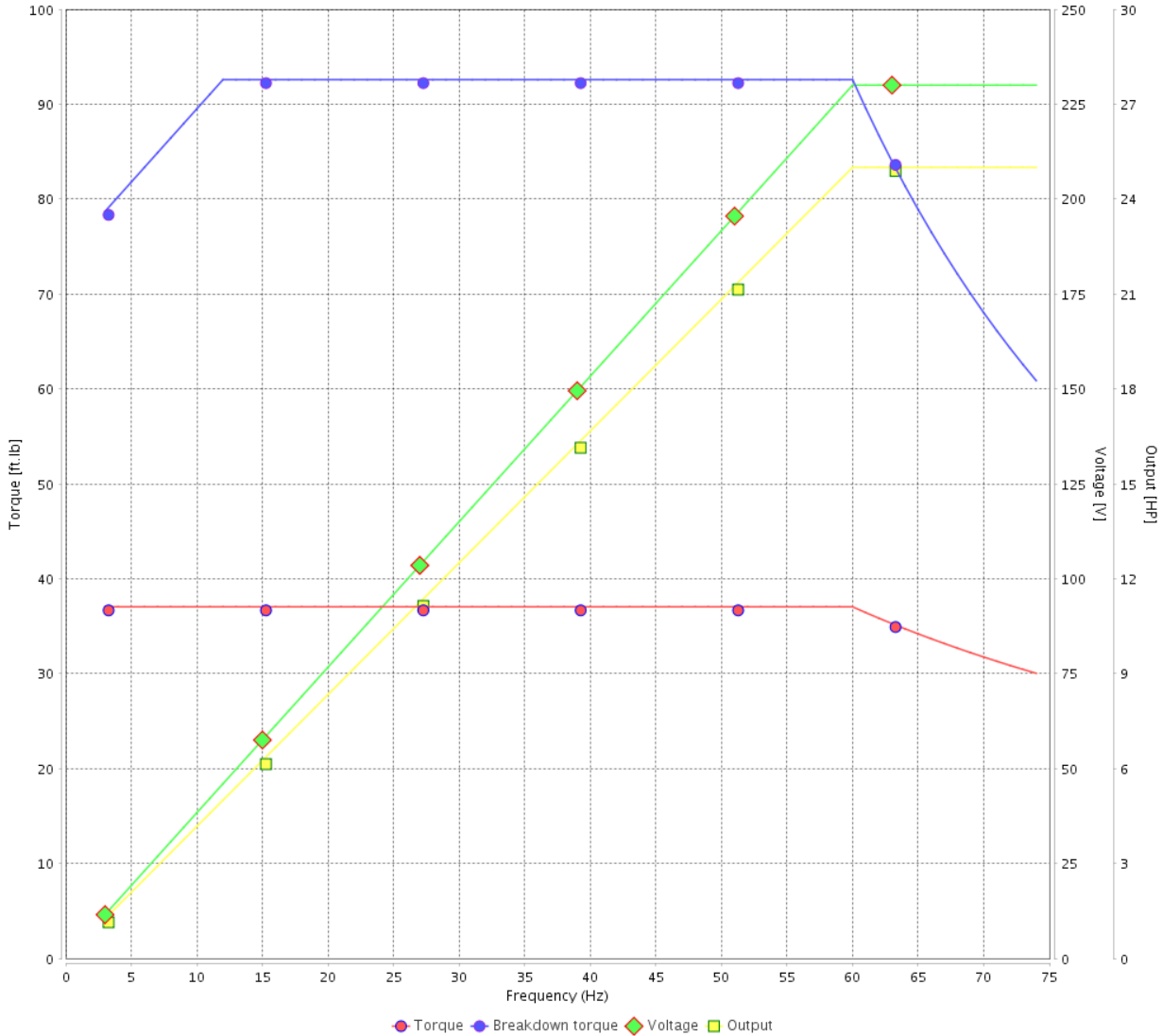
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472720

Catalog # : 02536ET3ER284TSC-W22

VFD OPERATION CURVE



Performance : 230/460 V 60 Hz 2P

Rated current : 57.6/28.8 A
 LRC : 6.3
 Rated torque : 37.0 ft.lb
 Locked rotor torque : 200 %
 Breakdown torque : 250 %
 Rated speed : 3545 rpm

Moment of inertia (J) : 2.69 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.25
 Temperature rise : 80 K
 Design : B

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Performed by			Page 30 / 36	Revision
Checked by				
Date	14/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

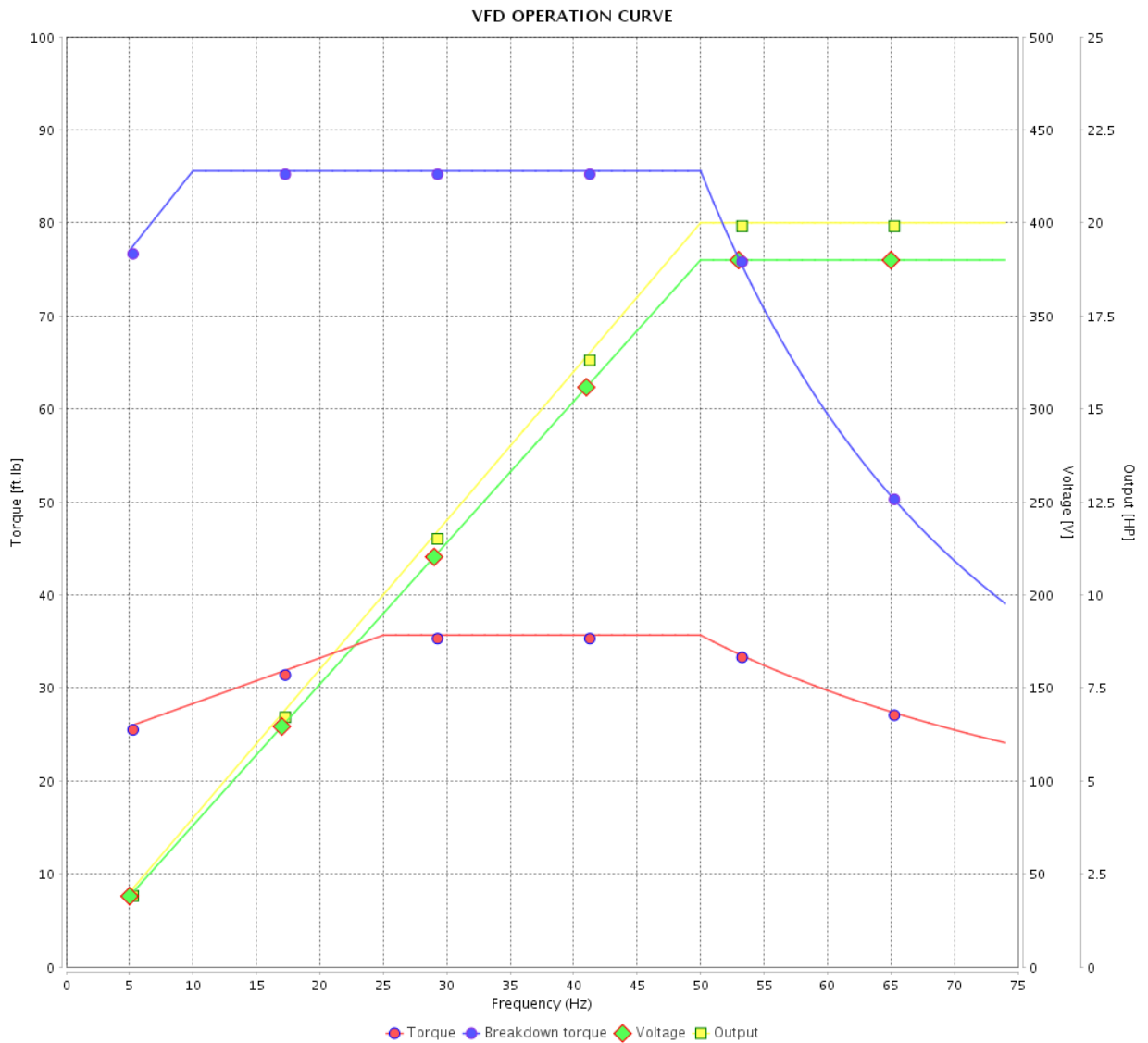


Customer : _____

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472720

Catalog # : 02536ET3ER284TSC-W22



Performance : 380 V 50 Hz 2P IE3

Rated current : 27.9 A
 LRC : 6.2
 Rated torque : 35.7 ft.lb
 Locked rotor torque : 200 %
 Breakdown torque : 240 %
 Rated speed : 2945 rpm

Moment of inertia (J) : 2.69 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		14/04/2022		

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

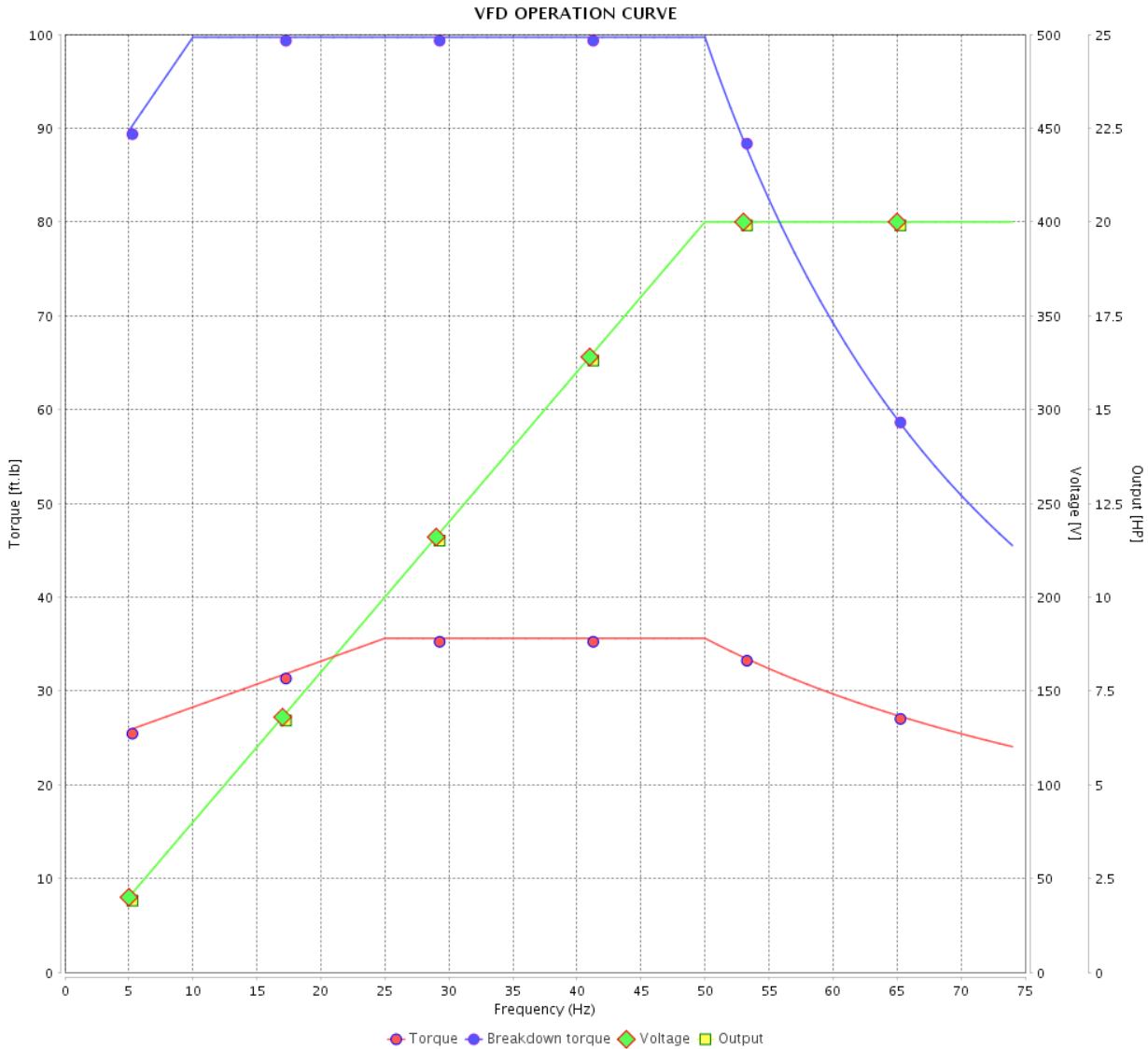


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472720

Catalog # : 02536ET3ER284TSC-W22



Performance : 400 V 50 Hz 2P IE3

Rated current	: 26.8 A	Moment of inertia (J)	: 2.69 sq.ft.lb
LRC	: 6.9	Duty cycle	: Cont.(S1)
Rated torque	: 35.6 ft.lb	Insulation class	: F
Locked rotor torque	: 229 %	Service factor	: 1.00
Breakdown torque	: 280 %	Temperature rise	: 80 K
Rated speed	: 2950 rpm	Design	: B

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Performed by		Page		Revision
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Date	14/04/2022			

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

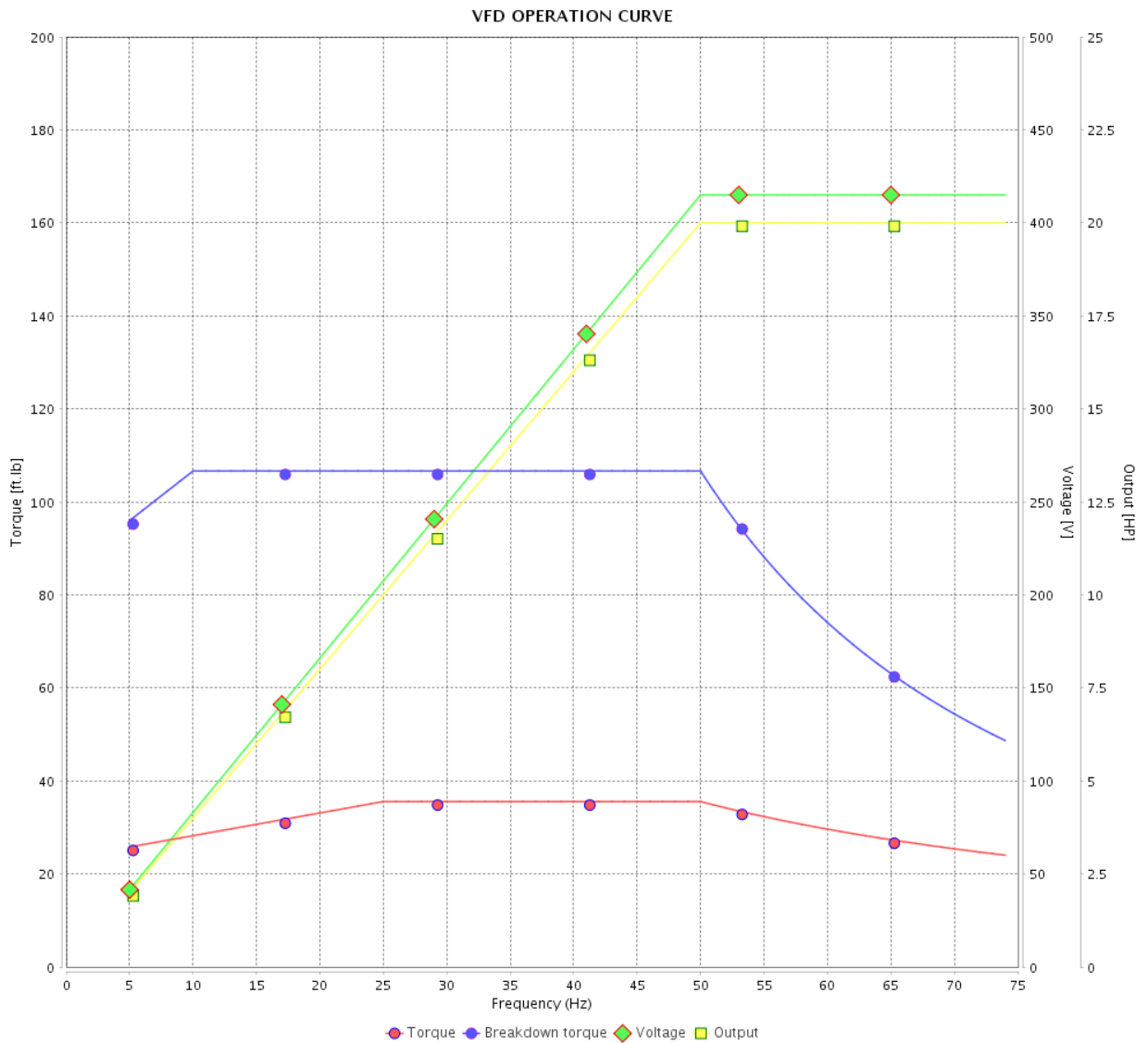


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472720

Catalog # : 02536ET3ER284TSC-W22



Performance : 415 V 50 Hz 2P IE3

Rated current : 26.1 A
 LRC : 7.4
 Rated torque : 35.5 ft.lb
 Locked rotor torque : 240 %
 Breakdown torque : 300 %
 Rated speed : 2955 rpm

Moment of inertia (J) : 2.69 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : B

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Date		14/04/2022		

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



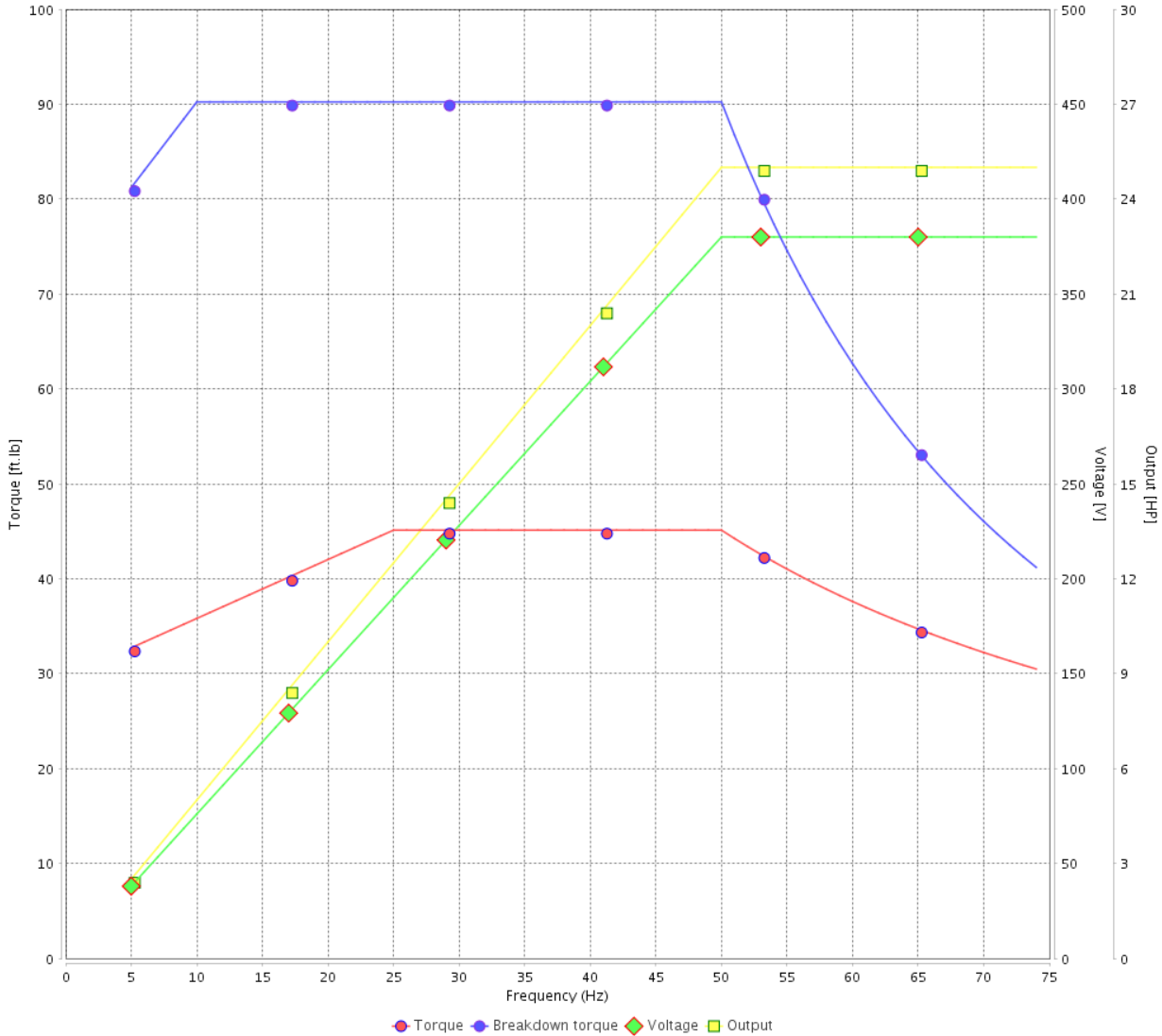
Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472720

Catalog # : 02536ET3ER284TSC-W22

VFD OPERATION CURVE



Performance : 380 V 50 Hz 2P IE1

Rated current : 34.9 A
 LRC : 4.9
 Rated torque : 45.1 ft.lb
 Locked rotor torque : 160 %
 Breakdown torque : 200 %
 Rated speed : 2910 rpm

Moment of inertia (J) : 2.69 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 105 K
 Design : B

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Performed by			Page 34 / 36	Revision
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VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

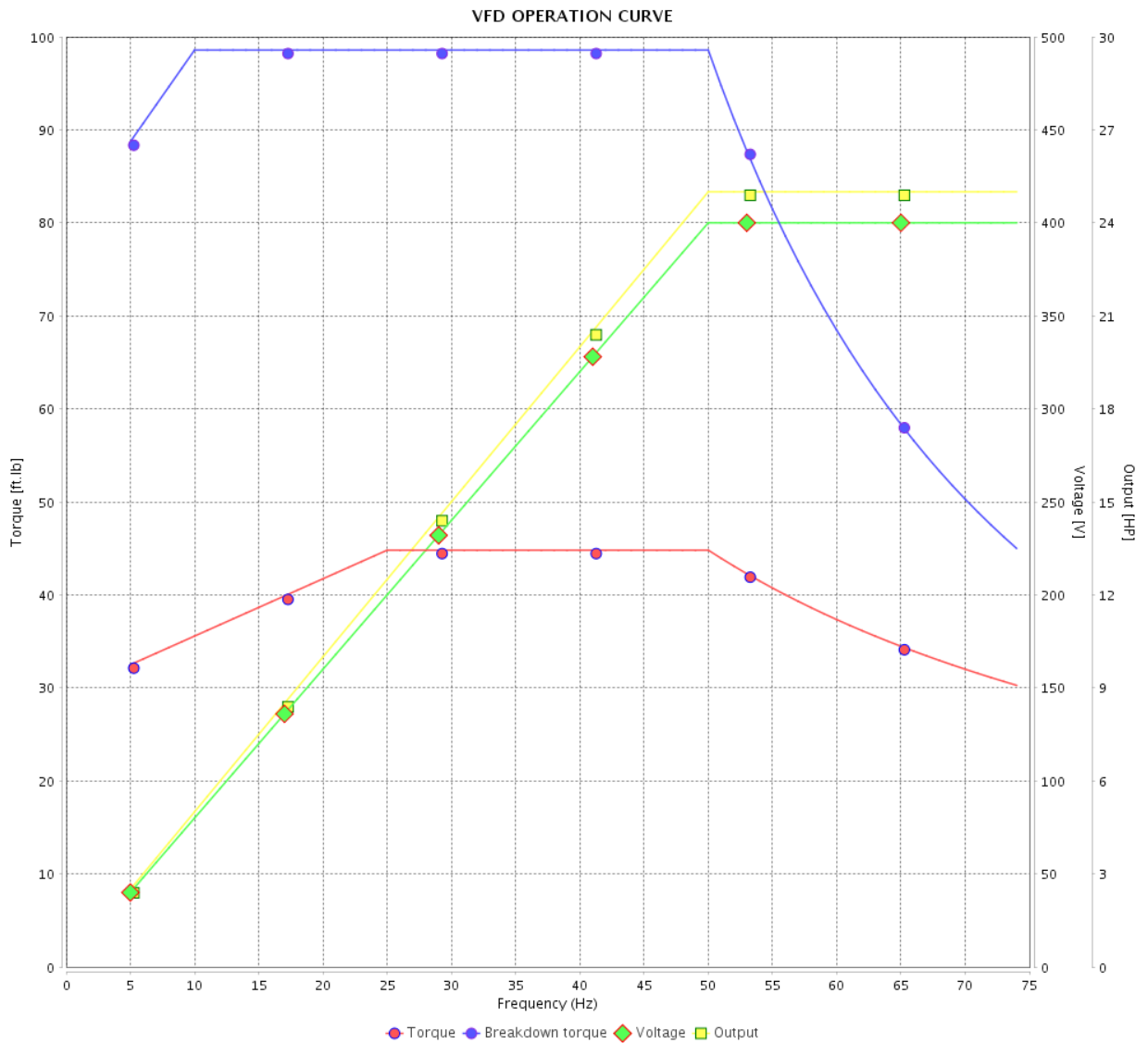


Customer :

Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472720

Catalog # : 02536ET3ER284TSC-W22



Performance : 400 V 50 Hz 2P IE1

Rated current : 33.3 A
 LRC : 5.5
 Rated torque : 44.8 ft.lb
 Locked rotor torque : 180 %
 Breakdown torque : 220 %
 Rated speed : 2930 rpm

Moment of inertia (J) : 2.69 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 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



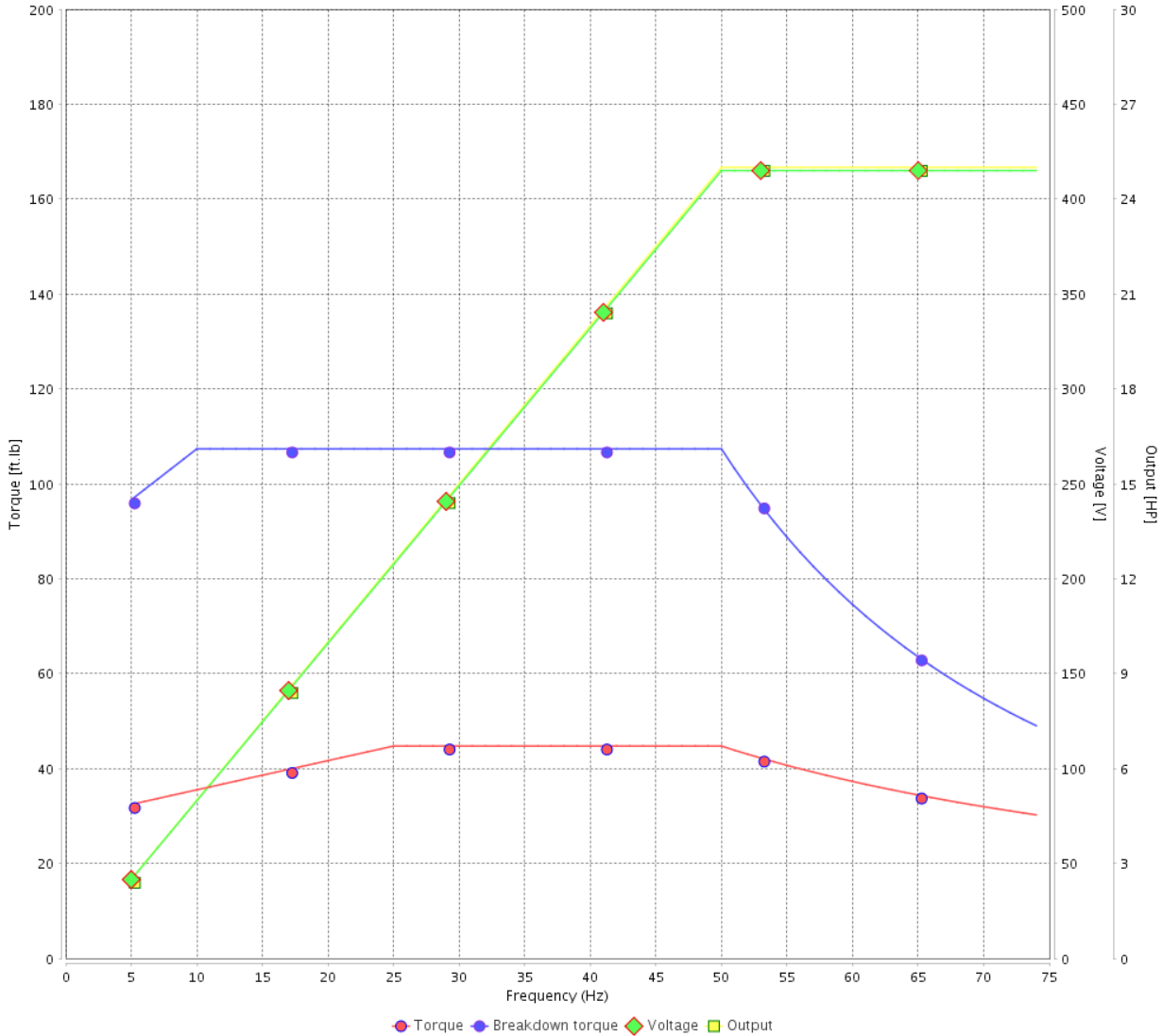
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Product line : NEMA Premium Efficiency Three-Phase

Product code : 13472720

Catalog # : 02536ET3ER284TSC-W22

VFD OPERATION CURVE

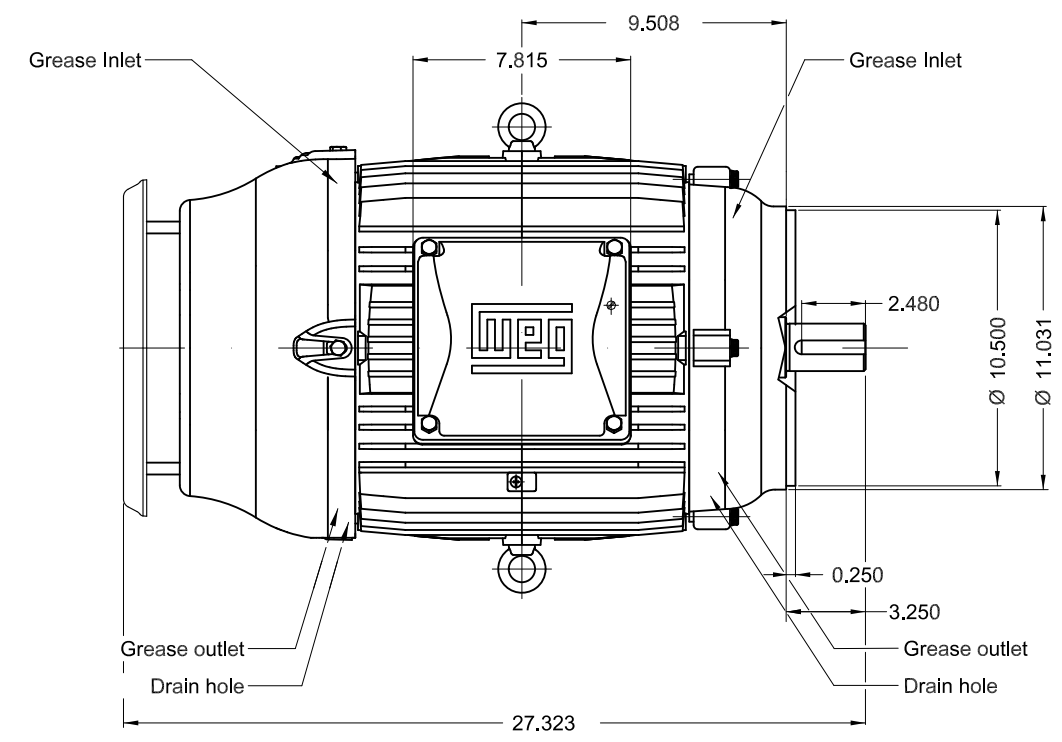
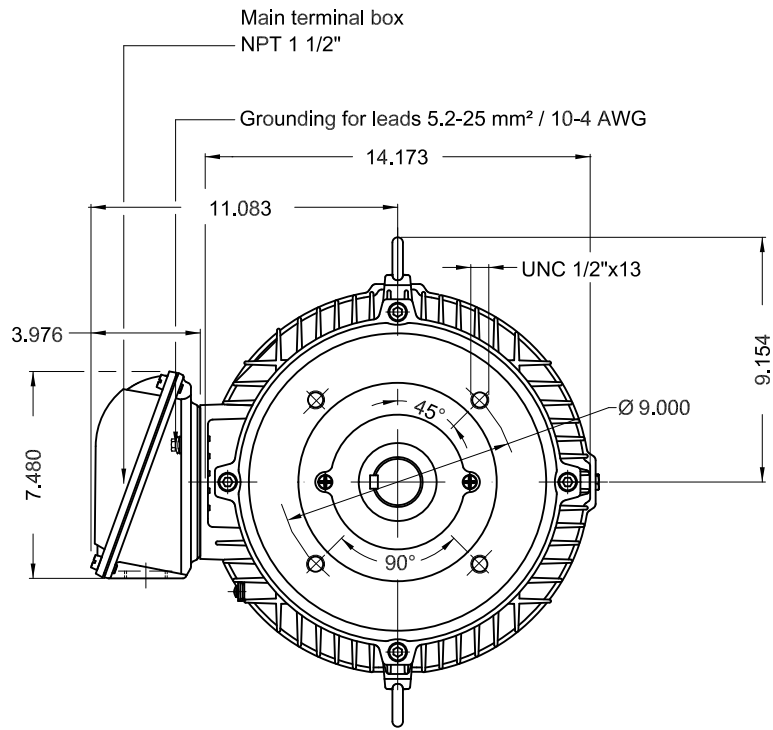


Performance : 415 V 50 Hz 2P IE2

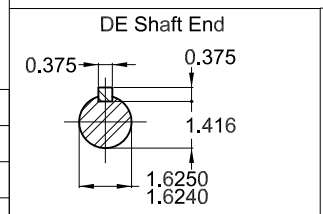
Rated current : 31.8 A
 LRC : 6.0
 Rated torque : 44.7 ft.lb
 Locked rotor torque : 190 %
 Breakdown torque : 240 %
 Rated speed : 2935 rpm

Moment of inertia (J) : 2.69 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			



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



25 HP 02 Poles 60 Hz A

ECM	LOC	SUMMARY OF MODIFICATIONS	EXECUTED	CHECKED	RELEASED	DATE	VER
EXECUTED	PIRWBUSER	THREE PH. MOTOR W22 PREM. EFF.					
CHECKED		FRAME 284TSC 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 - T4
For use on PWM: Gr. A, B, C, D and F,
VT 1000:1, CT 20:1, 1.00SF - T3A

MODEL 02536ET3ER284TSC-W22

Inverter Duty Motor
Severe Duty

PH3 60Hz Fr. 284TSC 1000m.a.s.l. IP55 TEFC 393lb

V 230/460 A 57.6/28.8

HP 25 kW 18.5

SF 1.25 SFA 72.0/36.0

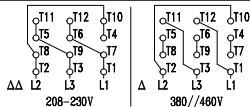
RPM 3545 PF 0.88


AMB 40°C INS cl. F DT80K NEMA NOM EFF 91.7%

DUTY CONT. DES B Code G

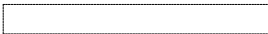
USABLE @208V 63.0A SF 1.10 SFA 69.3

25HP 18.5kW 50Hz 380V 34.9A 2910RPM SF 1.00 EFF 89.5% (IE1)



 → 6311-C3 (18g)
→ 6211-C3 (11g)

 MOBIL POLYREX EM (7000h)



MADE IN BRAZIL
13472720