### **DATA SHEET**

#### Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three- Product code : 11440446

Phase

Catalog #: 02036ET3E256TC-W22

Frame : 254/6TC Cooling method : IC411 - TEFC

Insulation class : F Mounting : F-1

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>3</sup> : 307 lb

Protection degree : IP55 Moment of inertia (J) : 1.54 sq ft lb

Protection degre	e	: IP55		Momer	nt of inertia (J)	: 1	.54 sq.ft.lb	
Design		: B						
Output [HP]		20	15	15	15	20	20	20
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]		46.4/23.2	20.4	19.6	19.1	28.6	27.2	26.0
L. R. Amperes [A]		283/142	141	151	155	146	155	159
LRC [A]		6.1x(Code	6.9x(Code	7.7x(Code H)	8.1x(Code J)	5.1x(Code E)	5.7x(Code F)	6.1x(Code
		G)	G)					G)
No load current [A	]	13.0/6.50	6.40	6.85	7.15	6.40	6.85	7.15
Rated speed [RPN	<b>/</b> 1]	3520	2925	2935	2940	2895	2905	2915
Slip [%]		2.22	2.50	2.17	2.00	3.50	3.17	2.83
Rated torque [ft.lb]	]	29.8	26.9	26.8	26.8	36.3	36.2	36.0
Locked rotor torqu	e [%]	200	220	240	270	160	180	200
Breakdown torque	[%]	240	260	280	310	190	210	229
Service factor		1.25	1.15	1.15	1.15	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		27s (cold)	28s (cold)	28s (cold)	28s (cold)	12s (cold)	16s (cold)	18s (cold)
		15s (hot)	16s (hot)	16s (hot)	16s (hot)	7s (hot)	9s (hot)	10s (hot)
Noise level <sup>2</sup>		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)
	25%							
Efficiency (%)	50%	90.7	90.6	90.4	89.8	87.2	89.2	89.2
Liliciency (70)	75%	91.0	90.9	91.2	91.1	87.5	89.5	89.5
	100%	91.0	91.2	91.2	91.2	88.5	89.5	90.2
	25%							
Power Factor	50%	0.80	0.78	0.75	0.73	0.86	0.84	0.82
I OWELL ACTOL	75%	0.87	0.87	0.85	0.84	0.89	0.88	0.87
	100%	0.89	0.90	0.89	0.88	0.90	0.89	0.89

Drive end Non drive end Foundation loads

Bearing type : 6309 C3 6209 C3 Max. traction : 244 lb Sealing : V'Ring V'Ring Max. compression : 551 lb

20000 h

Lubricant amount : 13 g 9 g Lubricant type : Mobil Polyrex EM

19000 h

Notes

Lubrication interval

USABLE @208V 51.3A SF 1.15 SFA 59.0A

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.

Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	14/04/2022			1 / 36	

#### Three Phase Induction Motor - Squirrel Cage



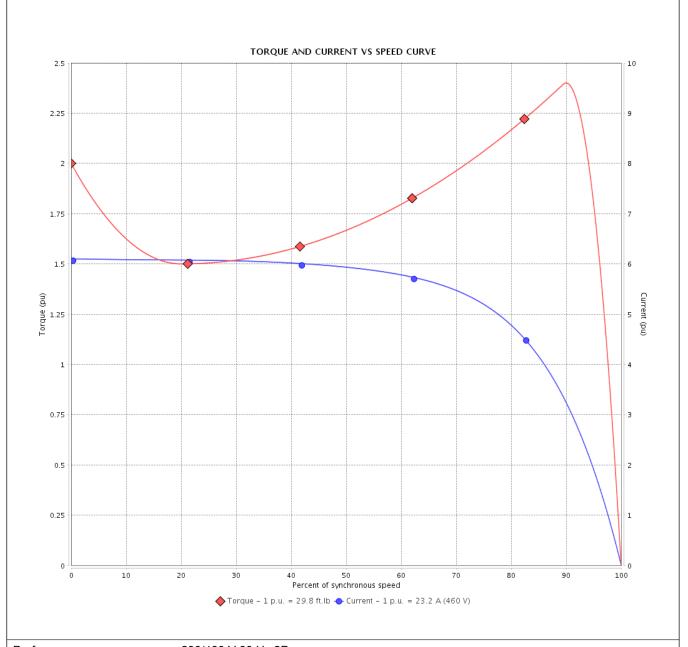
Customer :

Product line : NEMA Premium Efficiency Three- Produ

Phase

Product code: 11440446

Catalog #: 02036ET3E256TC-W22



Performance : 230/460 V 60 Hz 2P Rated current : 46.4/23.2 A Moment of inertia (J) : 1.54 sq.ft.lb **LRC** : 6.1 Duty cycle : Cont.(S1) : 29.8 ft.lb Insulation class Rated torque : F Service factor Locked rotor torque : 200 % : 1.25 Breakdown torque : 240 % Temperature rise : 80 K

Design

: B

Locked rotor time : 27s (cold) 15s (hot)

: 3520 rpm

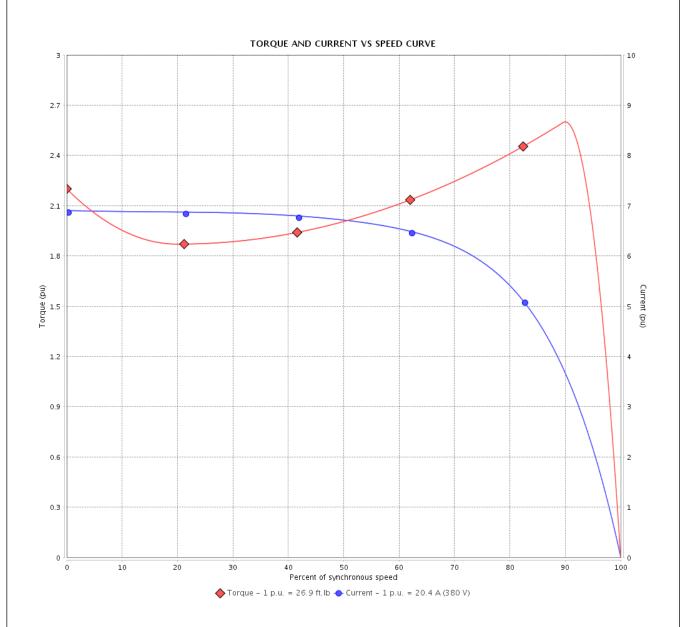
Rated speed

Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	14/04/2022			2/36	

#### Three Phase Induction Motor - Squirrel Cage



Customer Product line : NEMA Premium Efficiency Three-Product code: 11440446 Catalog #: 02036ET3E256TC-W22



Performance : 380 V 50 Hz 2P IE3 Rated current : 20.4 A Moment of inertia (J) : 1.54 sq.ft.lb **LRC** : 6.9 Duty cycle : Cont.(S1) : 26.9 ft.lb Insulation class Rated torque : F Locked rotor torque : 220 % Service factor : 1.15 Breakdown torque : 260 % Temperature rise : 80 K Rated speed : 2925 rpm Design : B Locked rotor time : 28s (cold) 16s (hot)

Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	14/04/2022			3 / 36	

### Three Phase Induction Motor - Squirrel Cage



Customer :

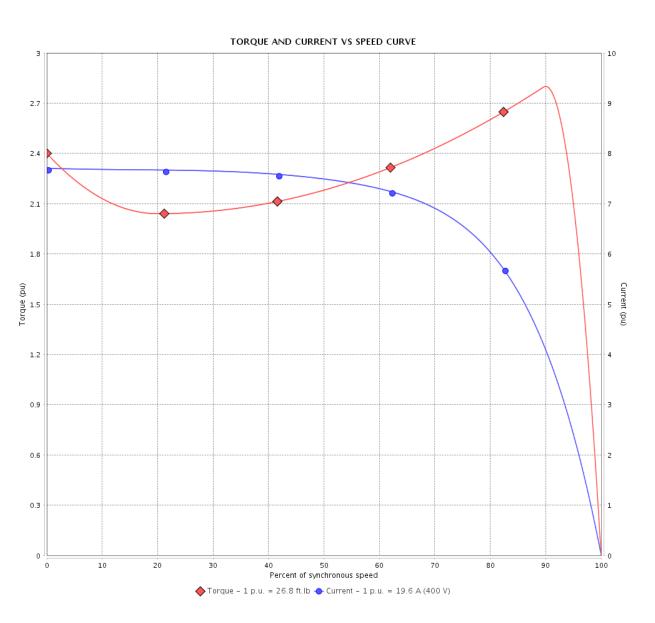
Product line : NEMA Premium Efficiency Three- Product code :

Phase

Catalog #:

11440446

02036ET3E256TC-W22



Performance	: 400 V 50 Hz 2P IE3			
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 19.6 A : 7.7 : 26.8 ft.lb : 240 % : 280 % : 2935 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design	: 1.54 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B	
Locked rotor time	: 28s (cold) 16s (hot)			

Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	14/04/2022			4 / 36	



Revision

Page

5/36

Three Phase Induction Motor - Squirrel Cage Customer Product line : NEMA Premium Efficiency Three-Product code: 11440446 Catalog #: 02036ET3E256TC-W22 TORQUE AND CURRENT VS SPEED CURVE 4.5 3.5 Torque (pu) Current 0.5 Percent of synchronous speed ◆ Torque - 1 p.u. = 26.8 ft.lb ◆ Current - 1 p.u. = 19.1 A (415 V) Performance : 415 V 50 Hz 2P IE3 Rated current : 19.1 A Moment of inertia (J) : 1.54 sq.ft.lb **LRC** : 8.1 Duty cycle : Cont.(S1) Insulation class Rated torque : 26.8 ft.lb : F : 270 % Locked rotor torque Service factor : 1.15 Breakdown torque : 310 % Temperature rise : 80 K Rated speed : 2940 rpm Design : B Locked rotor time : 28s (cold) 16s (hot) Rev. Performed Checked Date **Changes Summary** Performed by

Checked by

Date

14/04/2022

#### Three Phase Induction Motor - Squirrel Cage



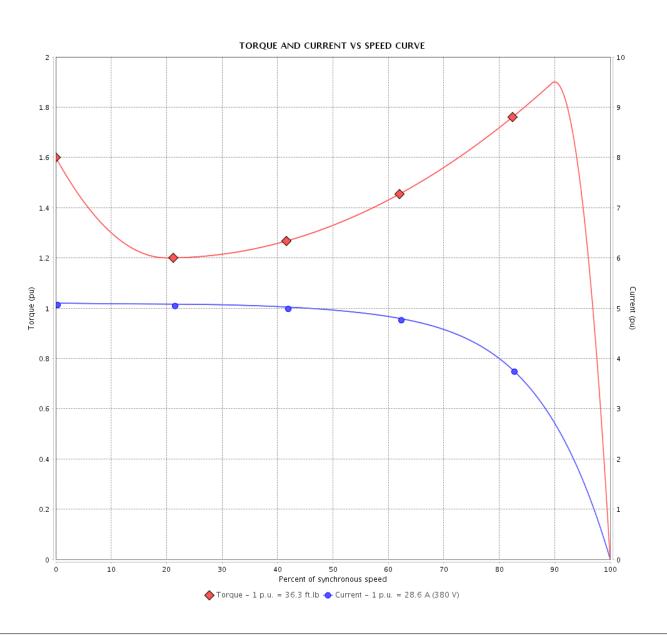
Customer :

Product line : NEMA Premium Efficiency Three- Product

Phase

Product code: 11440446

Catalog #: 02036ET3E256TC-W22



Performance : 380 V 50 Hz 2P Rated current : 28.6 A Moment of inertia (J) : 1.54 sq.ft.lb **LRC** : 5.1 Duty cycle : Cont.(S1) Insulation class Rated torque : 36.3 ft.lb : F Service factor Locked rotor torque : 160 % : 1.00 Breakdown torque : 190 % Temperature rise : 105 K Rated speed : 2895 rpm Design : B

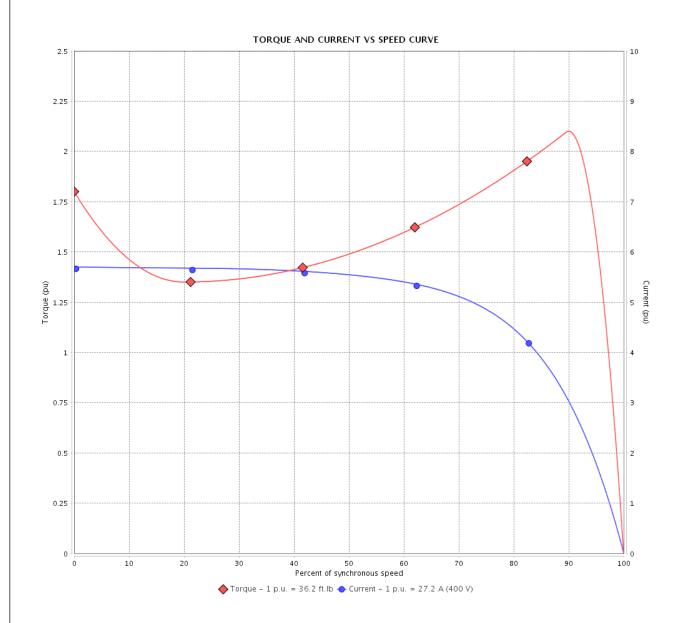
Locked rotor time : 12s (cold) 7s (hot)

Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	14/04/2022			6 / 36	

#### Three Phase Induction Motor - Squirrel Cage



Customer Product line : NEMA Premium Efficiency Three-Product code: 11440446 Catalog #: 02036ET3E256TC-W22



Performance	: 400 V 50 Hz 2P IE1			
Rated current	: 27.2 A	Moment of inertia (J)	: 1.54 sq.ft.lb	
LRC	: 5.7	Duty cycle	: Cont.(S1)	
Rated torque	: 36.2 ft.lb	Insulation class	:F	
Locked rotor torque	: 180 %	Service factor	: 1.00	
Breakdown torque	: 210 %	Temperature rise	: 105 K	
Rated speed	: 2905 rpm	Design	: B	
Locked rotor time	: 16s (cold) 9s (hot)			

		, , , ,			
Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	14/04/2022			7 / 36	

### Three Phase Induction Motor - Squirrel Cage



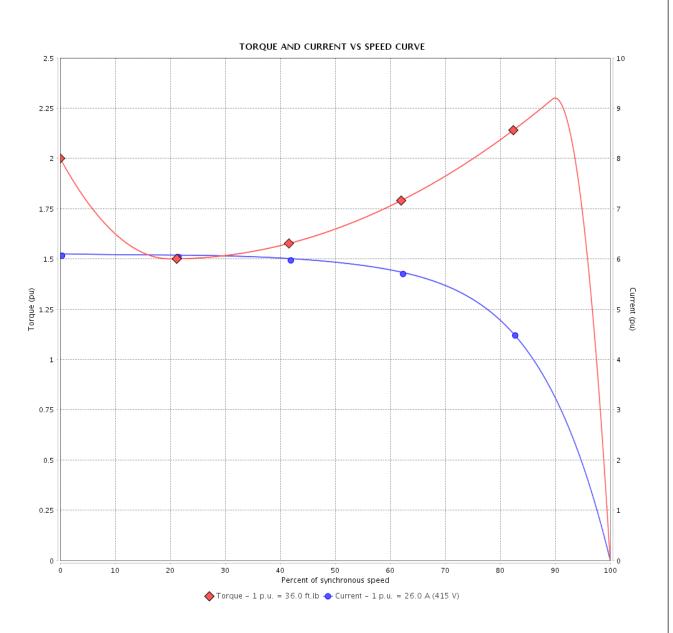
Customer :

Product line : NEMA Premium Efficiency Three- Product code :

Phase

Catalog #: 02036ET3E256TC-W22

11440446



Performance	: 415 V 50 Hz 2P IE1		
Rated current	: 26.0 A	Moment of inertia (J)	: 1.54 sq.ft.lb
LRC	: 6.1	Duty cycle	: Cont.(S1)
Rated torque	: 36.0 ft.lb	Insulation class	:F
Locked rotor torque	: 200 %	Service factor	: 1.00
Breakdown torque	: 229 %	Temperature rise	: 105 K
Rated speed	: 2915 rpm	Design	: B
•	·		

Locked rotor time : 18s (cold) 10s (hot)

Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	14/04/2022			8 / 36	

#### Three Phase Induction Motor - Squirrel Cage

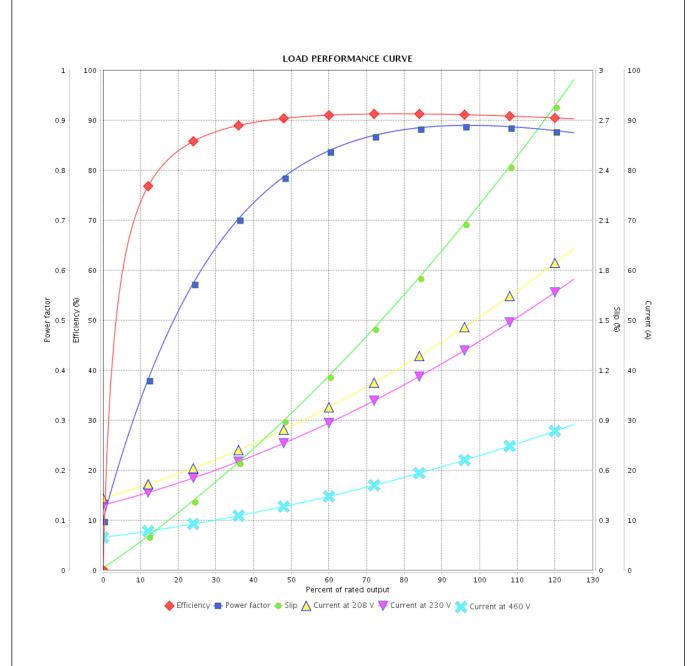


Customer

Product line : NEMA Premium Efficiency Three- Product code : 11440446

Phase

Catalog #: 02036ET3E256TC-W22



Performance	:	230/460 V 60 Hz 2P				
Rated current	:	46.4/23.2 A	Moment o	f inertia (J)	: 1.54 sq.ft.lb	
LRC	:	6.1	Duty cycle	<b>:</b>	: Cont.(S1)	
Rated torque	:	29.8 ft.lb	Insulation	class	: F	
Locked rotor torque	e :	200 %	Service fa	ctor	: 1.25	
Breakdown torque	:	240 %	Temperati	ıre rise	: 80 K	
Rated speed	:	3520 rpm	Design		: B	
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	14/04/2022				9 / 36	

#### Three Phase Induction Motor - Squirrel Cage



Customer :

Date

14/04/2022

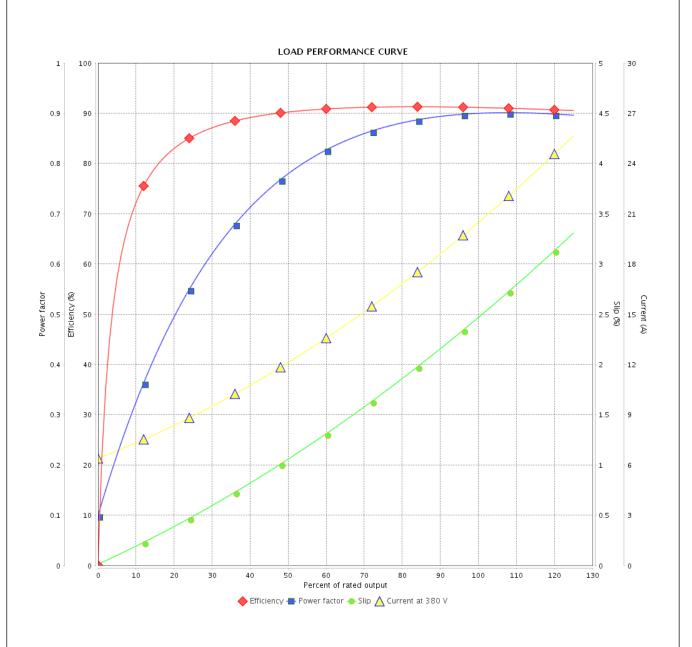
Product line : NEMA Premium Efficiency Three-

Phase

Product code: 11440446

Catalog #: 02036ET3E256TC-W22

10/36



Performance : 380 V 50 Hz 2P IE3 Rated current : 20.4 A Moment of inertia (J) : 1.54 sq.ft.lb **LRC** : 6.9 Duty cycle : Cont.(S1) : 26.9 ft.lb Insulation class Rated torque : F Locked rotor torque : 220 % Service factor : 1.15 Breakdown torque : 260 % Temperature rise : 80 K Rated speed : 2925 rpm Design : B Rev. Performed Checked Date **Changes Summary** Performed by Page Checked by Revision

#### Three Phase Induction Motor - Squirrel Cage

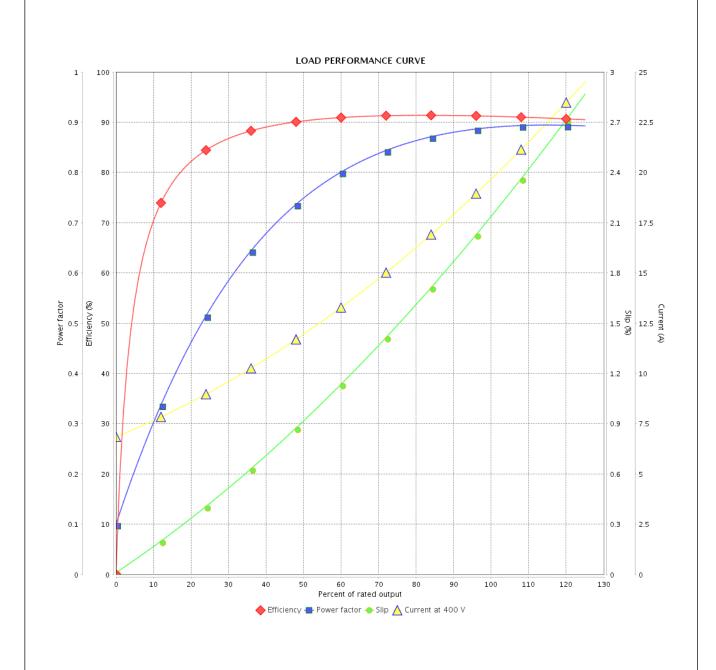


Customer

Product line : NEMA Premium Efficiency Three- Product code : 11440446

Phase

Catalog #: 02036ET3E256TC-W22



Performance         : 400 V 50 Hz 2P IE3           Rated current         : 19.6 A         Moment of inertia (J)         : 1.54 sq.ft.lb           LRC         : 7.7         Duty cycle         : Cont.(S1)	
LRC : 7.7 Duty cycle : Cont.(S1)	
Rated torque : 26.8 ft.lb Insulation class : F	
Locked rotor torque : 240 % Service factor : 1.15	
Breakdown torque : 280 % Temperature rise : 80 K	
Rated speed : 2935 rpm Design : B	
Rev. Changes Summary Performed Checked	Date
Performed by	
Checked by Page	Revision
Date 14/04/2022 11 / 36	

#### Three Phase Induction Motor - Squirrel Cage



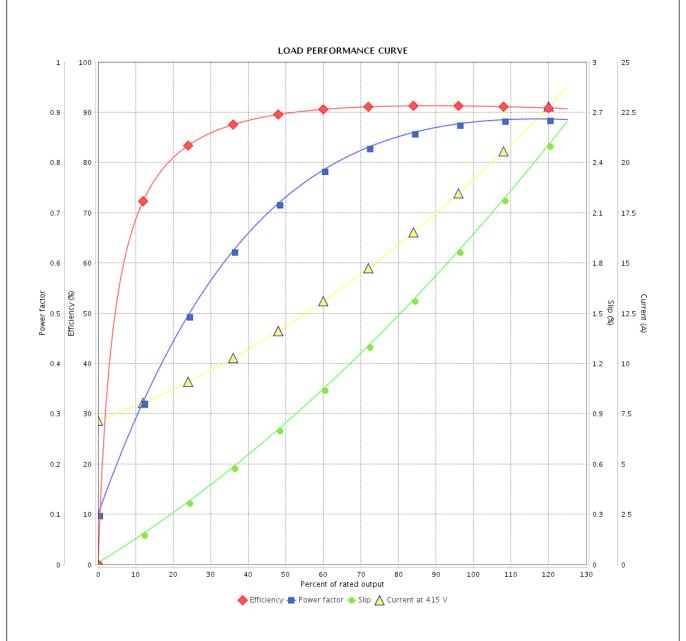
Customer :

Product line : NEMA Premium Efficiency Three- Produ

Phase

Product code: 11440446

Catalog #: 02036ET3E256TC-W22



Performance	: 415 V 50 Hz 2P IE3								
Rated current LRC Rated torque	: 19.1 A : 8.1 : 26.8 ft.lb	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		Duty cycle		: 8.1 Duty cycle		: 1.54 sq.ft.lb : Cont.(S1) : F	
Locked rotor torque Breakdown torque Rated speed	: 270 % : 310 % : 2940 rpm			: 1.15 : 80 K : B					
Rev.	Changes Summary		Performed	Checked	Date				
Performed by									
Checked by				Page	Revision				

12/36

14/04/2022

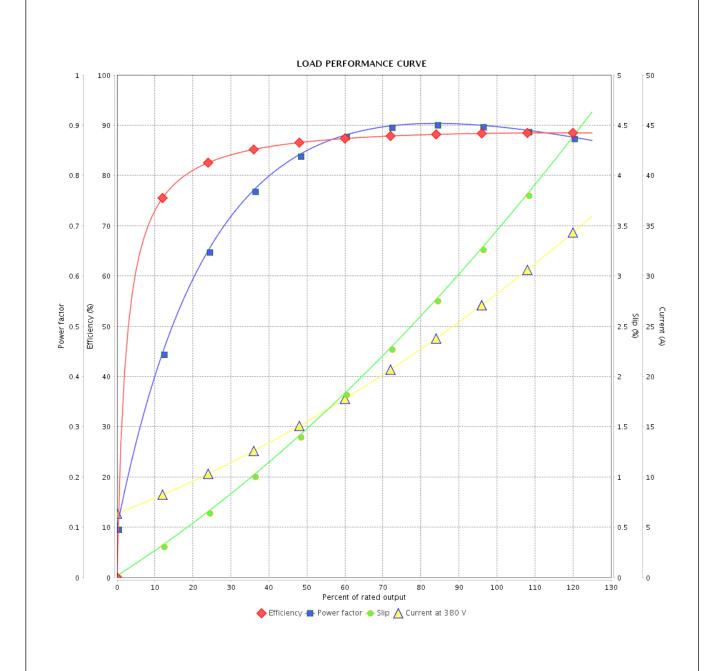
#### Three Phase Induction Motor - Squirrel Cage



Customer

Product line : NEMA Premium Efficiency Three-Product code: 11440446

Catalog #: 02036ET3E256TC-W22



			<del>,</del>			
Performance	: 3	380 V 50 Hz 2P				
Rated current	: 2	28.6 A	Moment of	f inertia (J)	: 1.54 sq.ft.lb	
LRC	: 5	5.1	Duty cycle	<del>)</del>	: Cont.(S1)	
Rated torque	: 3	36.3 ft.lb	Insulation	class	: F	
Locked rotor tord	que : 1	160 %	Service fa	ctor	: 1.00	
Breakdown torqu	ue : 1	90 %	Temperature rise		: 105 K	
Rated speed	: 2	2895 rpm	Design		: B	
Rev.		Changes Summary	/	Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	14/04/2022				13 / 36	

#### Three Phase Induction Motor - Squirrel Cage



Customer

Checked by

Date

14/04/2022

Product line : NEMA Premium Efficiency Three- Product

Phase

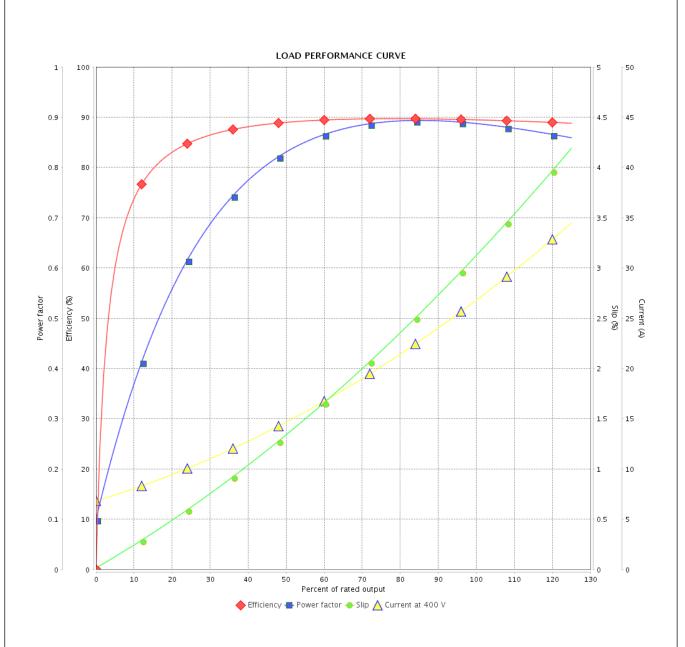
Product code: 11440446

Catalog #: 02036ET3E256TC-W22

Page

14/36

Revision



Performance	: 4	400 V 50 Hz 2P IE1				
Rated current LRC Rated torque Locked rotor tord Breakdown torqu Rated speed	jue : 2	27.2 A 5.7 36.2 ft.lb 180 % 210 % 2905 rpm	Moment of Duty cycle Insulation Service fa Temperati Design	class ector	: 1.54 sq.ft.lb : Cont.(S1) : F : 1.00 : 105 K : B	
Rev.	Changes Summary		J	Performed	Checked	Date
Performed by						

#### Three Phase Induction Motor - Squirrel Cage



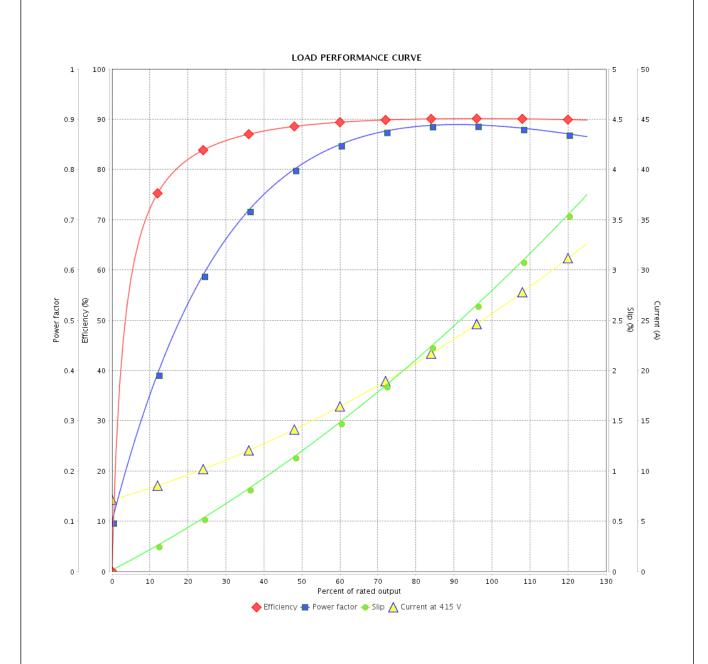
Customer :

Product line : NEMA Premium Efficiency Three- Product code :

Phase

Catalog #: 02036ET3E256TC-W22

11440446



Performance	: 4	115 V 50 Hz 2P IE1				
Rated current	. 2	26.0 A	Moment o	Moment of inertia (J)		
LRC	: 6	3.1	Duty cycle	;	: Cont.(S1)	
Rated torque	: 3	36.0 ft.lb	Insulation	class	: F ` ´	
Locked rotor torqu	e :2	200 %	Service fa	ctor	: 1.00	
Breakdown torque	: 2	229 %	Temperature rise		: 105 K	
Rated speed	: 2	2915 rpm	Design		: B	
Rev.		Changes Summar	у	Performed	Checked	Date
Performed by						
Checked by		-			Page	Revision
Date	14/04/2022				15 / 36	

### Three Phase Induction Motor - Squirrel Cage

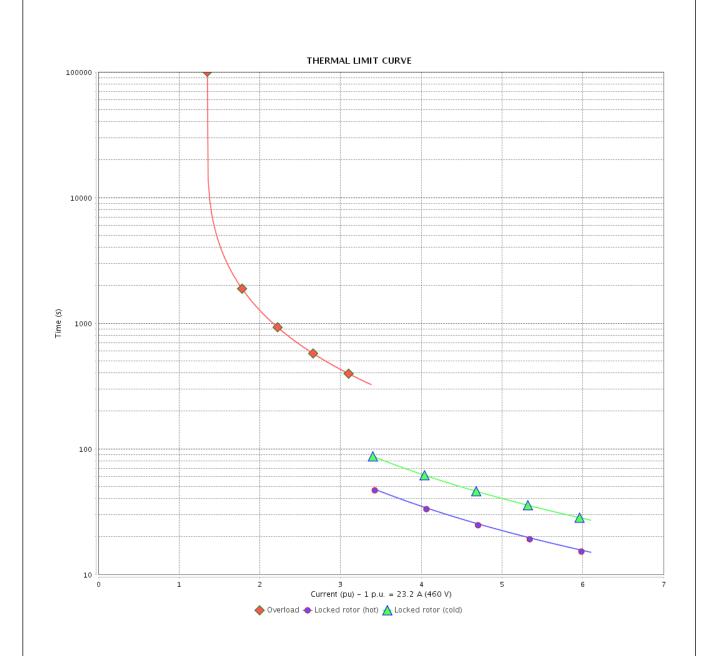


Customer	:					
Product line	: <b>1</b> P	NEMA Premium Efficiency l		Product code :	11440446 02036ET3E28	56TC-W22
Performance		30/460 V 60 Hz 2P				
Rated current LRC	: 6.		Duty cycle	f inertia (J)	: 1.54 sq.ft.lb : Cont.(S1)	
Rated torque		9.8 ft.lb	Insulation		: F	
Locked rotor tord		00 % 40 %	Service fac		: 1.25 : 80 K	
Breakdown torqu Rated speed		40 % 520 rpm	Temperatu Design	ire rise	: 80 K : B	
Heating constant						
Cooling constant	Ţ	01 0	ı	· · ·	0, , ,	
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by	4.4/0.4/0.005	_			Page	Revision

#### Three Phase Induction Motor - Squirrel Cage



Customer



Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	14/04/2022			17 / 36	

### Three Phase Induction Motor - Squirrel Cage

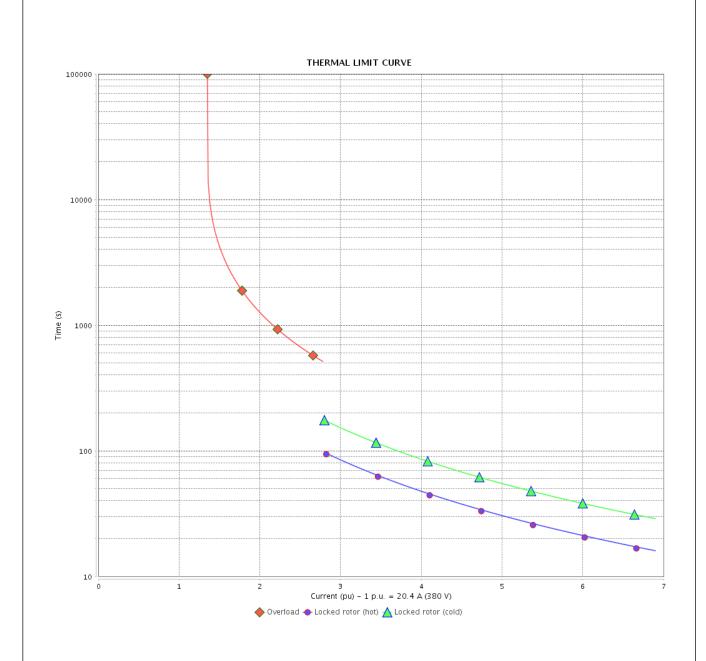


Customer	:				
Product line	: NEMA Premium Efficiend Phase		Product code : Catalog # :	11440446 02036ET3E2	56TC-W22
Performance	: 380 V 50 Hz 2P IE3				
Rated current LRC	: 20.4 A : 6.9	Moment of Duty cycle	of inertia (J)	: 1.54 sq.ft.lb : Cont.(S1)	
Rated torque	: 26.9 ft.lb	Insulation	class	: F	
Locked rotor torque Breakdown torque	: 220 % : 260 %	Service fa Temperati		: 1.15 : 80 K	
Rated speed	: 2925 rpm	Design		: B	
Heating constant					
Cooling constant	Changas Cummari		Dorformad	Charles	Doto
Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Data 1/	1/04/2022			18 / 36	

## Three Phase Induction Motor - Squirrel Cage



Customer



Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	14/04/2022			19 / 36	

### Three Phase Induction Motor - Squirrel Cage

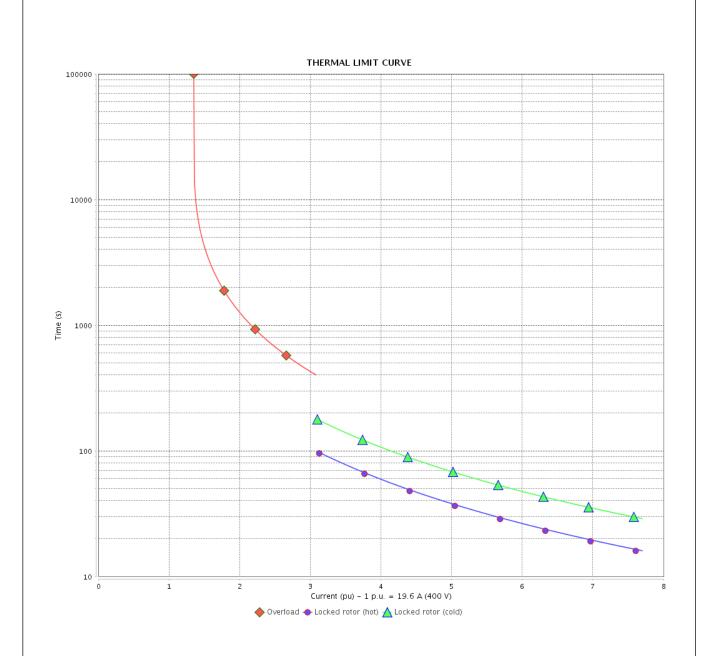


Customer		:				
Product line		: NEMA Premium Efficiency Phase		Product code : Catalog # :	11440446 02036ET3E25	56TC-W22
Performance		: 400 V 50 Hz 2P IE3	T			
Rated current LRC Rated torque		: 19.6 A : 7.7 : 26.8 ft.lb	Moment of Duty cycle Insulation		: 1.54 sq.ft.lb : Cont.(S1) : F	
Locked rotor tord	que	: 240 % : 280 %	Service fa Temperat	actor	: 1.15 : 80 K	
Rated speed		: 2935 rpm	Design		: B	
Heating constant						
Cooling constant Rev.	t .	Changes Summary		Performed	Checked	Date
Performed by					Б.	D
Checked by	14/04/2022				Page 20 / 36	Revision

### Three Phase Induction Motor - Squirrel Cage



Customer



Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	14/04/2022			21 / 36	

### Three Phase Induction Motor - Squirrel Cage

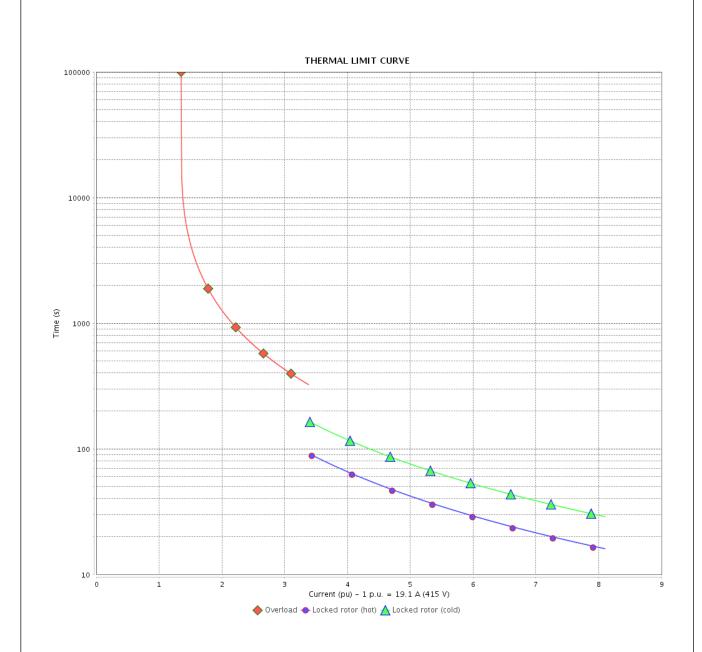


Customer	:			
Product line	: NEMA Premium Efficiency Phase	Three- Product code  Catalog #:	: 11440446 02036ET3E2	56TC-W22
		-		
Performance	: 415 V 50 Hz 2P IE3			
Rated current	: 415 V 50 HZ 2P IE3 : 19.1 A	Moment of inertia (J)	: 1.54 sq.ft.lb	
LRC	: 8.1	Duty cycle	: Cont.(S1)	
Rated torque Locked rotor torque	: 26.8 ft.lb : 270 %	Insulation class Service factor	: F : 1.15	
Breakdown torque	: 310 %	Temperature rise	: 80 K	
Rated speed	: 2940 rpm	Design	: B	
Heating constant				
Cooling constant	Changes Constitution	Df	Charles d	Data
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
Data 14/04/3	2022		22 / 36	

## Three Phase Induction Motor - Squirrel Cage



Customer



Rev.		Changes Summary	Performed	Checked	Date
Performed by			·		
Checked by				Page	Revision
Date	14/04/2022			23 / 36	

### Three Phase Induction Motor - Squirrel Cage

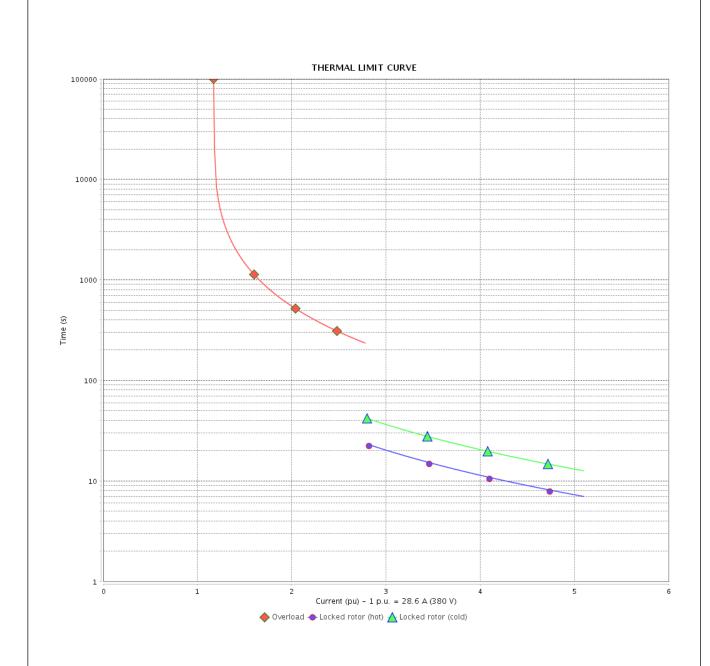


Customer		:				
Product line		: NEMA Premium Efficiency Phase		Product code : Catalog # :	11440446 02036ET3E25	66TC-W22
Performance		: 380 V 50 Hz 2P				
Rated current LRC Rated torque		: 28.6 A : 5.1 : 36.3 ft.lb	Moment of Duty cycle Insulation		: 1.54 sq.ft.lb : Cont.(S1) : F	
Locked rotor tord Breakdown torqu	que	: 160 % : 190 %	Service fa Temperat	actor	: 1.00 : 105 K	
Rated speed		: 2895 rpm	Design		: B	
Heating constant						
Cooling constant Rev.		Changes Summary		Performed	Checked	Date
Desferre II						
Performed by Checked by					Page	Revision
Date	14/04/2022				24 / 36	

## Three Phase Induction Motor - Squirrel Cage



Customer



Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	14/04/2022			25 / 36	

### Three Phase Induction Motor - Squirrel Cage

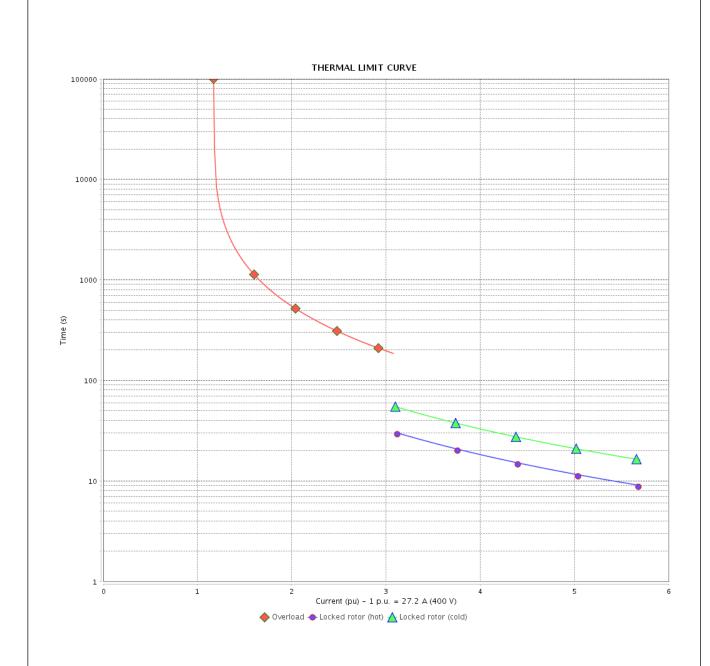


Customer	:					
Product line		NEMA Premium Efficiency hase		Product code :	11440446 02036ET3E25	56TC-W22
Performance	. 46	00 V 50 Hz 2P IE1				
Rated current		7.2 A	Moment o	f inertia (J)	: 1.54 sq.ft.lb	
LRC	: 5.	7	Duty cycle	<b>;</b>	: Cont.(S1)	
Rated torque Locked rotor torque		6.2 ft.lb 30 %	Insulation Service fa		: F : 1.00	
Breakdown torqu Rated speed	e : 21	10 % 905 rpm	Temperatu Design		: 105 K : B	
Heating constant						
Cooling constant						
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
D-4	4.4/0.4/0.000				00 / 00	

#### Three Phase Induction Motor - Squirrel Cage



Customer



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

### Three Phase Induction Motor - Squirrel Cage

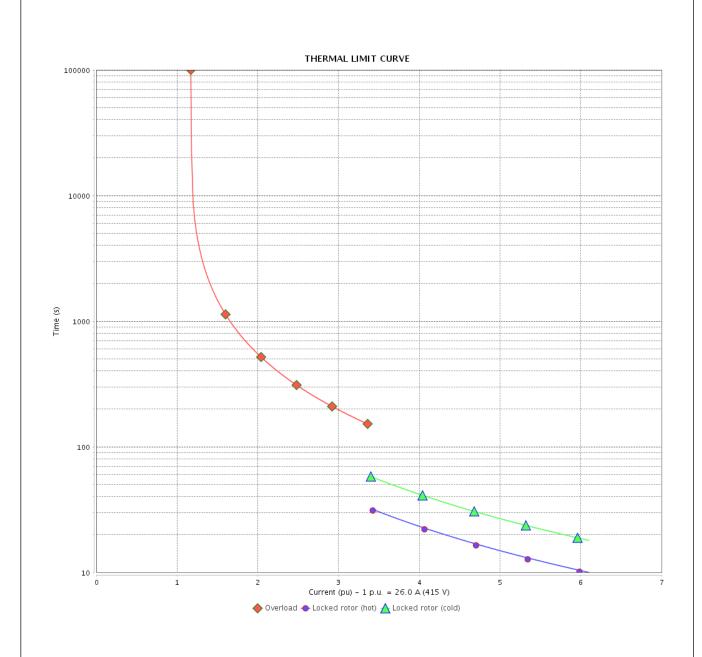


Customer		:				
Product line		: NEMA Premium Efficiency Phase		Product code : Catalog # :	11440446 02036ET3E25	66TC-W22
Performance		415 V 50 Hz 2P IE1				
Rated current LRC Rated torque	:	26.0 A 6.1 36.0 ft.lb	Duty cycle Insulation	class	: 1.54 sq.ft.lb : Cont.(S1) : F	
Locked rotor torq Breakdown torqu Rated speed	e :	200 % 229 % 2915 rpm	Service fa Temperati Design		: 1.00 : 105 K : B	
Heating constant		29131μπ	Design		. D	
Cooling constant						
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by	14/04/2022				Page 28 / 36	Revision

## Three Phase Induction Motor - Squirrel Cage



Customer



Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	14/04/2022			29 / 36	

#### Three Phase Induction Motor - Squirrel Cage



Customer :

Date

14/04/2022

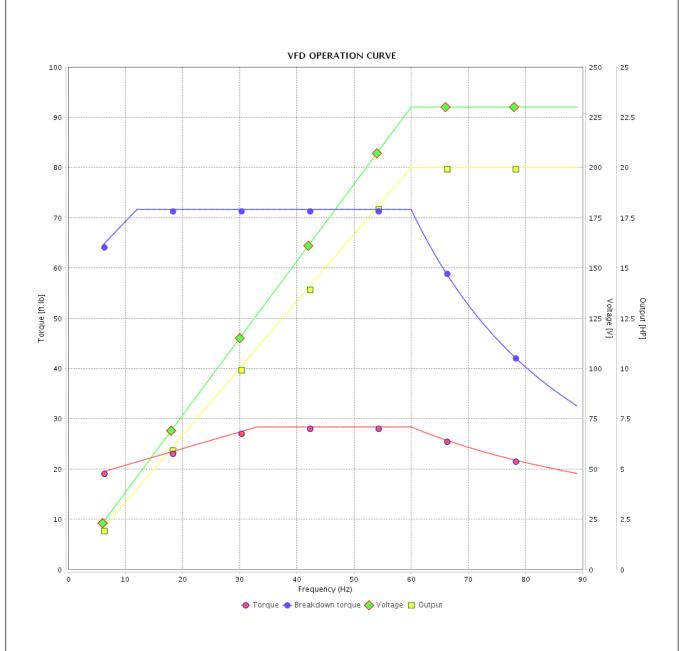
Product line : NEMA Premium Efficiency Three-

Phase

Product code: 11440446

Catalog #: 02036ET3E256TC-W22

30 / 36



Performance : 230/460 V 60 Hz 2P Rated current : 46.4/23.2 A Moment of inertia (J) : 1.54 sq.ft.lb **LRC** Duty cycle : Cont.(S1) : 6.1 Insulation class Rated torque : 29.8 ft.lb : F Locked rotor torque : 200 % Service factor : 1.25 Breakdown torque : 240 % Temperature rise : 80 K Rated speed : 3520 rpm Design : B Rev. Performed Checked Date **Changes Summary** Performed by Page Checked by Revision

#### Three Phase Induction Motor - Squirrel Cage

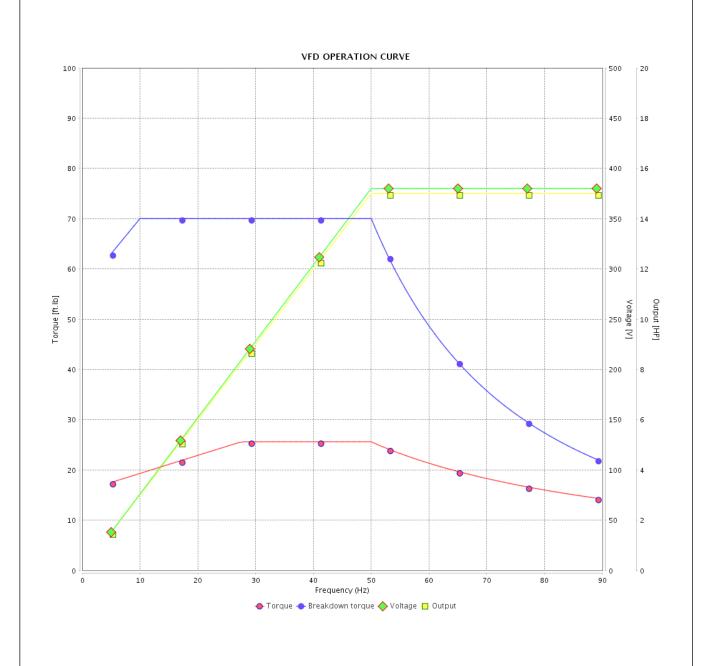


Customer

Product line : NEMA Premium Efficiency Three- Product code : 11440446

Phase

Catalog #: 02036ET3E256TC-W22



Performance	:	380 V 50 Hz 2P IE3				
Rated current	:	20.4 A	Moment o	f inertia (J)	: 1.54 sq.ft.lb	
LRC	:	6.9	Duty cycle	<b>;</b>	: Cont.(S1)	
Rated torque	:	26.9 ft.lb	Insulation	class	:F	
Locked rotor torque	e :	220 %	Service fa	ctor	: 1.15	
Breakdown torque	:	260 %	Temperati	ıre rise	: 80 K	
Rated speed	:	2925 rpm	Design		: B	
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	14/04/2022				31 / 36	

#### Three Phase Induction Motor - Squirrel Cage

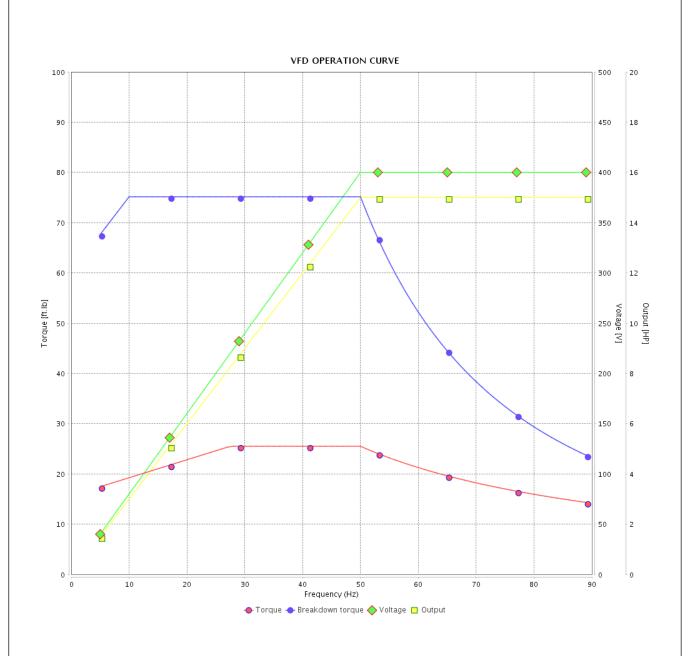


Customer :

Product line : NEMA Premium Efficiency Three- Product code : 11440446

Phase

Catalog #: 02036ET3E256TC-W22



Performance	: 400 V 50 Hz 2P IE3				
Rated current : 19.6 A		class ctor	: 1.54 sq.ft.lb : Cont.(S1) : F : 1.15		
Breakdown torque Rated speed	: 280 % : 2935 rpm	Temperati Design	ıre rise	: 80 K : B	
Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by				Page	Revision

32 / 36

14/04/2022

#### Three Phase Induction Motor - Squirrel Cage



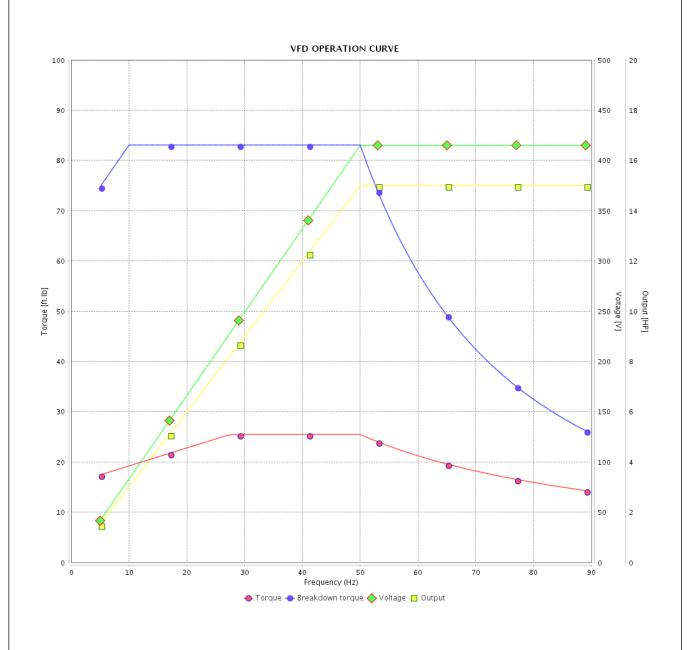
Customer

Product line : NEMA Premium Efficiency Three- Product code : 11440446

Phase

Catalog #: 02036ET3E256TC-W22

33 / 36



Performance	: 415	5 V 50 Hz 2P IE3				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	ue : 270 e : 310	8 ft.lb	Moment of Duty cycle Insulation Service fa Temperatu Design	class ctor	: 1.54 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B	
Rev.	C	Changes Summa	ry	Performed	Checked	Date
Performed by					<u> </u>	
Checked by					Page	Revision

14/04/2022

#### Three Phase Induction Motor - Squirrel Cage



Customer :

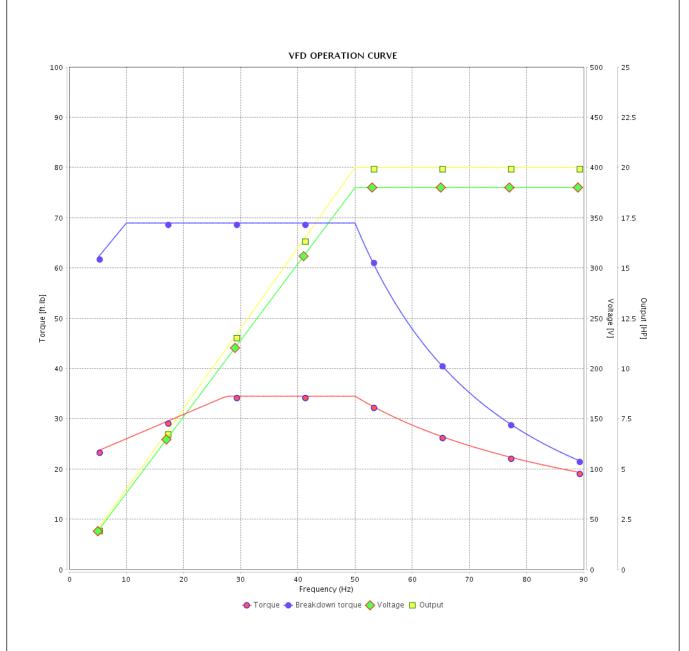
Product line : NEMA Premium Efficiency Three-

Phase

Product code: 11440446

Catalog #: 02036ET3E256TC-W22

34 / 36



Performance	: 380 V 50 Hz 2P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed		Moment of Duty cycle Insulation Service fa Temperation Design	class ctor	: 1.54 sq.ft.lb : Cont.(S1) : F : 1.00 : 105 K : B	
Rev.	Changes Summary		Performed	Checked	Date
Performed by Checked by				Page	Revision

14/04/2022

#### Three Phase Induction Motor - Squirrel Cage



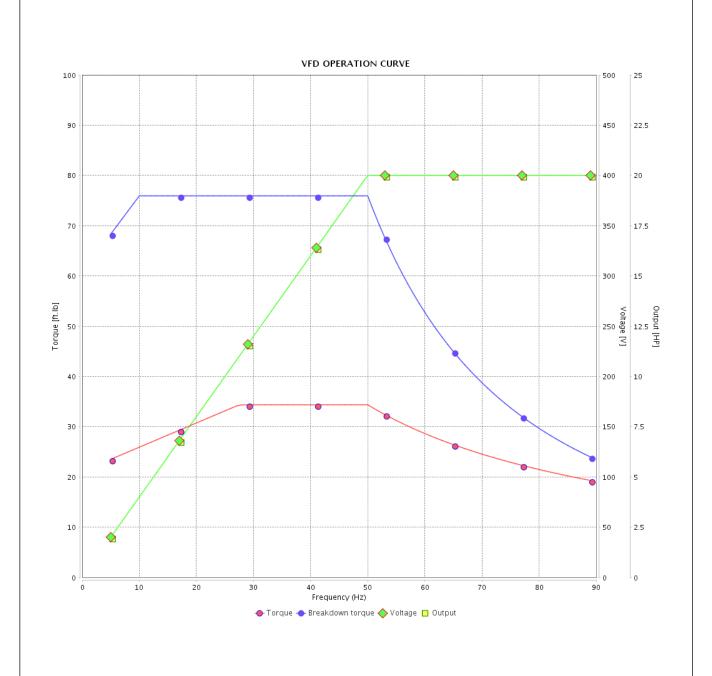
Customer

Product line : NEMA Premium Efficiency Three- Product code :

Phase

Catalog #: 02036ET3E256TC-W22

11440446



Performance	: 4	400 V 50 Hz 2P IE1				
Rated current	::	27.2 A Moment of inert		of inertia (J) : 1.54 sq.:		
LRC	: :	5.7	Duty cycle	<b>;</b>	: Cont.(S1)	
Rated torque	::	36.2 ft.lb	Insulation	class	: F	
Locked rotor torq	ue :	180 %	Service fa	ctor	: 1.00	
Breakdown torqu	e ::	210 %	Temperati	ure rise	: 105 K	
Rated speed	::	2905 rpm	Design		: B	
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
-					_	
Checked by					Page	Revision
Date	14/04/2022				35 / 36	

#### Three Phase Induction Motor - Squirrel Cage



Customer :

Date

14/04/2022

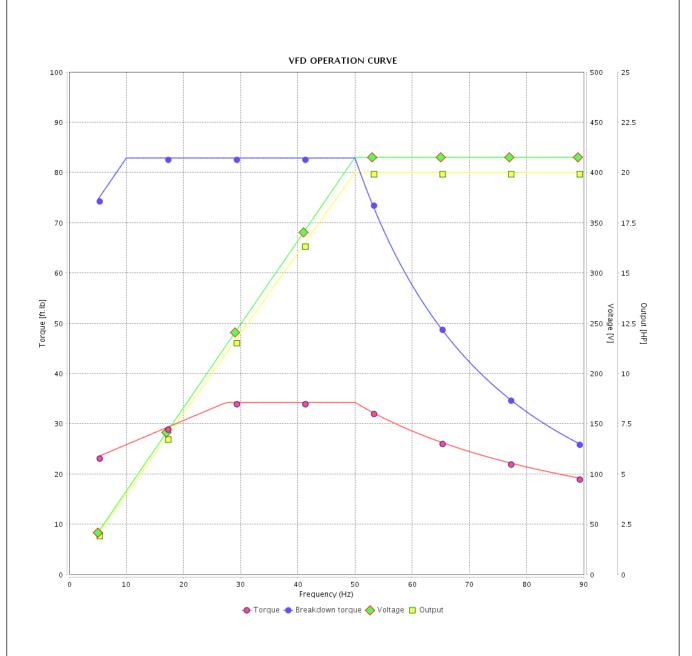
Product line : NEMA Premium Efficiency Three-

Phase

Product code: 11440446

Catalog #: 02036ET3E256TC-W22

36 / 36



Performance : 415 V 50 Hz 2P IE1 : 26.0 A Rated current Moment of inertia (J) : 1.54 sq.ft.lb **LRC** : 6.1 Duty cycle : Cont.(S1) : 36.0 ft.lb Insulation class Rated torque : F Locked rotor torque : 200 % Service factor : 1.00 Breakdown torque : 229 % Temperature rise : 105 K Rated speed : 2915 rpm Design : B Rev. Performed Checked Date **Changes Summary** Performed by Page Checked by Revision

