### DATA SHEET



Three Phase Induction Motor - Squirrel Cage Customer Product line : W22 NEMA Premium Efficiency Three-Product code: 11355727 Catalog #: 04009ET3E365T-W22 : 364/5T Cooling method : IC411 - TEFC Frame Insulation class 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. weight3 :861 lb Protection degree : IP55 Moment of inertia (J) : 29.0 sq.ft.lb : B Design Output [HP] 40 30 30 30 40 40 Poles 8 8 8 8 8 8 8 60 50 50 50 50 Frequency [Hz] 50 50 230/460 380 400 Rated voltage [V] 380 400 415 415 Rated current [A] 102/50.9 62.9 47.8 46.3 45.7 60.0 58.1 L. R. Amperes [A] 601/300 292 310 324 283 300 320 5.9x(Code | 6.1x(Code H) | 6.7x(Code J) | 7.1x(Code J) | 4.5x(Code E) | 5.0x(Code F) | 5.5x(Code LRC [A] G) G) No load current [A] 43.0/21.5 20.7 22.2 23.4 20.7 22.2 23.4 Rated speed [RPM] 737 725 727 882 735 736 730 Slip [%] 2.00 2.00 1.87 1.73 3.33 3.07 2.67 Rated torque [ft.lb] 238 214 214 214 290 289 288 Locked rotor torque [%] 170 600 210 229 140 160 170 Breakdown torque [%] 210 240 270 300 180 200 210 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 52s (cold) Locked rotor time 46s (cold) 81s (cold) 52s (cold) 32s (cold) 32s (cold) 32s (cold) 26s (hot) 45s (hot) 29s (hot) 29s (hot) 18s (hot) 18s (hot) 18s (hot) 60.0 dB(A) 56.0 dB(A) 56.0 dB(A) 56.0 dB(A) Noise level<sup>2</sup> 56.0 dB(A) 56.0 dB(A) 56.0 dB(A) 25% 50% 92.4 91.5 91.5 90.9 91.7 91.7 91.7 Efficiency (%) 75% 93.0 91.6 91.9 91.8 91.0 91.7 91.7 100% 92.4 90.9 89.5 91.5 91.7 90.2 91.0 25% 0.60 50% 0.65 0.55 0.52 0.70 0.66 0.62 Power Factor 75% 0.75 0.71 0.68 0.65 0.78 0.76 0.74 100% 0.80 0.77 0.75 0.73 0.81 0.80 0.79 Losses at normative operating points (speed;torque), in percentage of rated output power P1 (0,9;1,0) 8.1 8.1 8.1 8.1 8.1 8.1 8.1 P2 (0,5;1,0) 7.1 7.1 7.1 7.1 7.1 7.1 7.1 P3 (0,25;1,0) 6.5 6.5 6.5 6.5 6.5 6.5 6.5 P4 (0,9;0,5) 3.6 3.6 3.6 3.6 3.6 3.6 3.6 Losses (%) P5 (0,5;0,5) 2.6 2.6 2.6 2.6 2.6 2.6 2.6 P6 (0,5;0,25) 1.6 1.6 1.6 1.6 1.6 1.6 1.6 P7 1.2 1.2 1.2 1.2 1.2 1.2 1.2 (0,25;0,25)Drive end Non drive end Foundation loads Bearing type 6314 C3 6314 C3 Max. traction : 1638 lb Sealing WSeal WSeal Max. compression : 2499 lb 20000 h Lubrication interval 20000 h Lubricant amount 27 g 27 g Lubricant type Mobil Polyrex EM

Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	21/06/2023			1 / 37	

## DATA SHEET

Checked by

Date

21/06/2023



Three Pha	Three Phase Induction Motor - Squirrel Cage			ШЕЦ
Customer	:			
Notes USABLE @208\	/ 111A SF 1.10 SFA 122A			
Rev.	Changes Summary	Performed	Checked	Date
Performed by				

Page

2/37

Revision

### Three Phase Induction Motor - Squirrel Cage



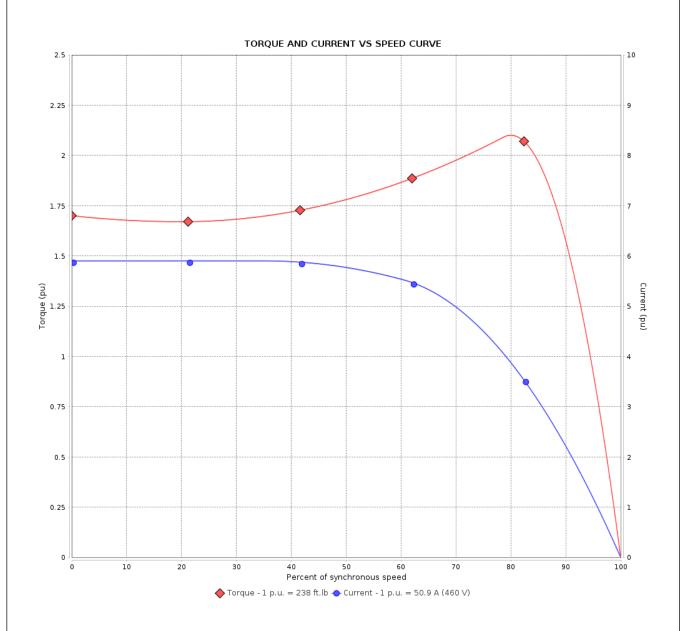
Customer :

Product line : W22 NEMA Premium Efficiency Three-

Phase

Product code: 11355727

Catalog #: 04009ET3E365T-W22



Performance	: 230/460 V 60 Hz 8P		
Rated current	: 102/50.9 A	Moment of inertia (J)	: 29.0 sq.ft.lb
LRC	: 5.9	Duty cycle	: Cont.(S1)
Rated torque	: 238 ft.lb	Insulation class	: F
Locked rotor torque	: 170 %	Service factor	: 1.25
Breakdown torque	: 210 %	Temperature rise	: 80 K
Rated speed	: 882 rpm	Design	: B
Locked rotor time	: 46s (cold) 26s (hot)		

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

		` , ` ,			
Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	21/06/2023			3 / 37	

### Three Phase Induction Motor - Squirrel Cage



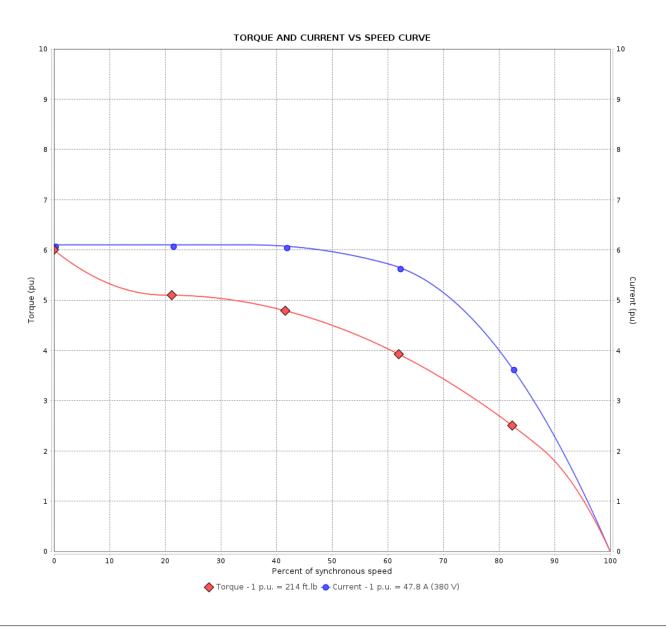
Customer :

Product line : W22 NEMA Premium Efficiency Three-

Phase

Product code: 11355727

Catalog #: 04009ET3E365T-W22



Performance	: 380 V 50 Hz 8P IE3		
Rated current	: 47.8 A	Moment of inertia (J)	: 29.0 sq.ft.lb
LRC	: 6.1	Duty cycle	: Cont.(S1)
Rated torque	: 214 ft.lb	Insulation class	: F
Locked rotor torque	: 600 %	Service factor	: 1.00
Breakdown torque	: 240 %	Temperature rise	: 80 K
Rated speed	: 735 rpm	Design	: B
Looked veter times	. 04a (aald) 45a (bat)	1	

Locked rotor time : 81s (cold) 45s (hot)

Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	21/06/2023			4 / 37	

## Three Phase Induction Motor - Squirrel Cage

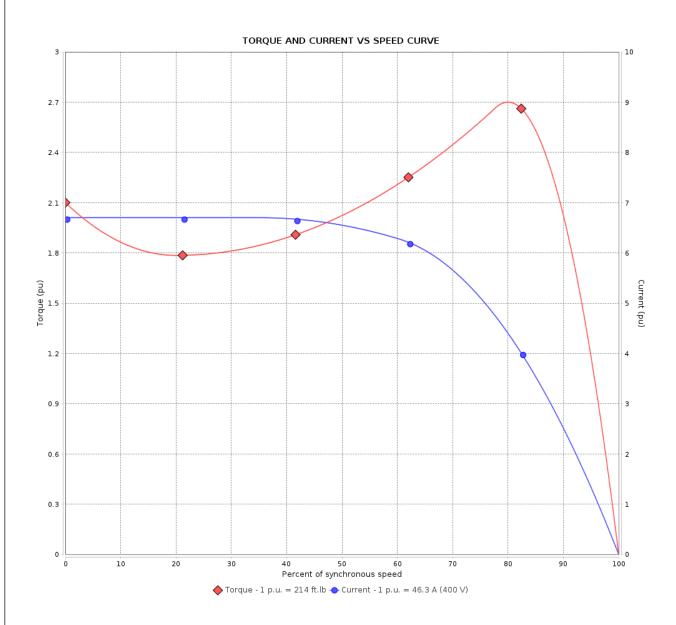


Customer

Product line : W22 NEMA Premium Efficiency Three-

Product code: 11355727

Catalog #: 04009ET3E365T-W22



Performance	: 400 V 50 Hz 8P IE3		
Rated current	: 46.3 A	Moment of inertia (J)	: 29.0 sq.ft.lb
LRC	: 6.7	Duty cycle	: Cont.(S1)
Rated torque	: 214 ft.lb	Insulation class	: F
Locked rotor torque	: 210 %	Service factor	: 1.00
Breakdown torque	: 270 %	Temperature rise	: 80 K
Rated speed	: 736 rpm	Design	: B
Locked rotor time	: 52s (cold) 29s (hot)		

LOCKCO TOTOL UITI	. 0	23 (6014) 253 (1101)			
Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by		_		Page	Revision
Date	21/06/2023			5 / 37	

### Three Phase Induction Motor - Squirrel Cage



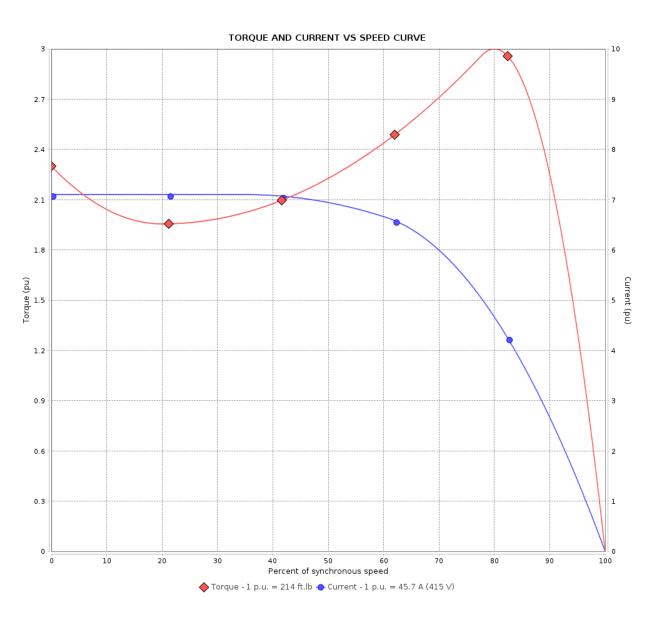
Customer :

Product line : W22 NEMA Premium Efficiency Three-

Phase

Product code: 11355727

Catalog #: 04009ET3E365T-W22



Performance	: 415 V 50 Hz 8P IE3		
Rated current	: 45.7 A	Moment of inertia (J)	: 29.0 sq.ft.lb
LRC	: 7.1	Duty cycle	: Cont.(S1)
Rated torque	: 214 ft.lb	Insulation class	:F
Locked rotor torque	: 229 %	Service factor	: 1.00
Breakdown torque	: 300 %	Temperature rise	: 80 K
Rated speed	: 737 rpm	Design	: B
•	•		

Locked rotor time : 52s (cold) 29s (hot)

Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	21/06/2023			6 / 37	

### Three Phase Induction Motor - Squirrel Cage

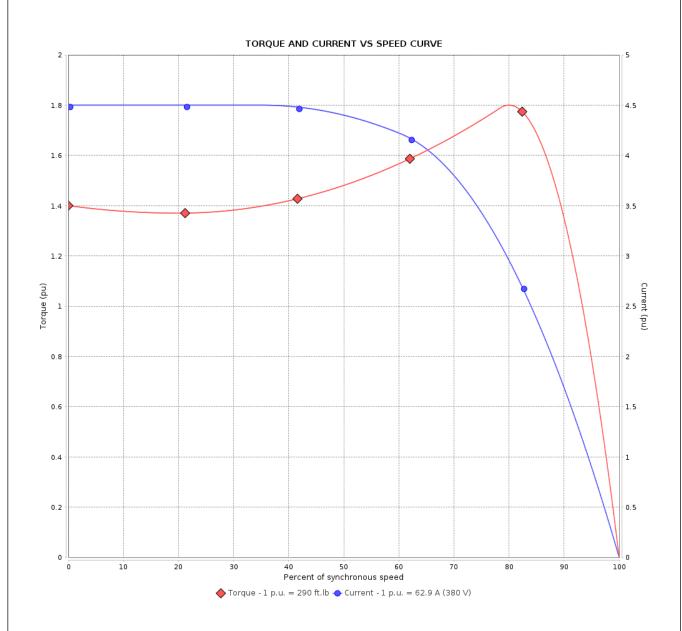


Customer :

Product line : W22 NEMA Premium Efficiency Three- Product code : 11355727

hase

Catalog #: 04009ET3E365T-W22



Performance	: 380 V 50 Hz 8P IE1			
Rated current	: 62.9 A	Moment of inertia (J)	: 29.0 sq.ft.lb	
LRC	: 4.5	Duty cycle	: Cont.(S1)	
Rated torque	: 290 ft.lb	Insulation class	:F	
Locked rotor torque	: 140 %	Service factor	: 1.00	
Breakdown torque	: 180 %	Temperature rise	: 105 K	
Rated speed	: 725 rpm	Design	: B	
Locked rotor time	: 32s (cold) 18s (bot)			

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

		` ' ' '			
Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	21/06/2023			7 / 37	

### Three Phase Induction Motor - Squirrel Cage



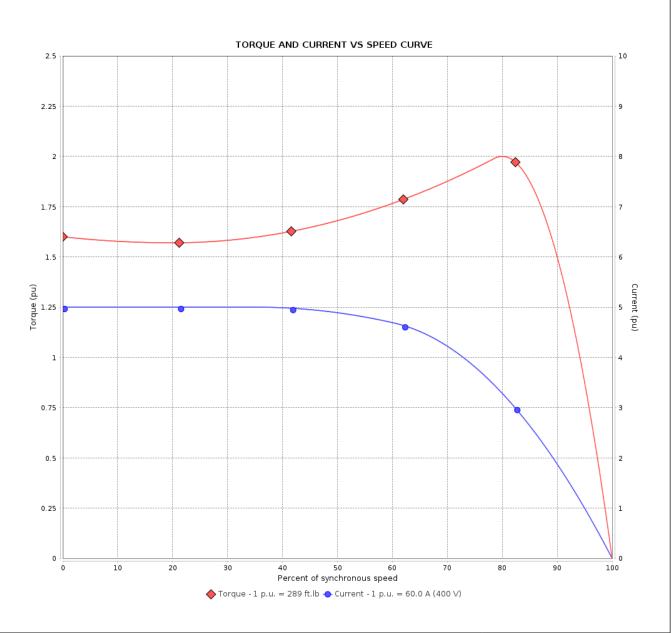
Customer :

Product line : W22 NEMA Premium Efficiency Three-

Phase

Product code: 11355727

Catalog #: 04009ET3E365T-W22



Performance : 400 V 50 Hz 8P IE2 Rated current : 60.0 A Moment of inertia (J) : 29.0 sq.ft.lb **LRC** : 5.0 Duty cycle : Cont.(S1) : 289 ft.lb Insulation class Rated torque : F Service factor Locked rotor torque : 160 % : 1.00 Breakdown torque : 200 % Temperature rise : 105 K Rated speed : 727 rpm Design : B

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

Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	21/06/2023			8 / 37	

## Three Phase Induction Motor - Squirrel Cage

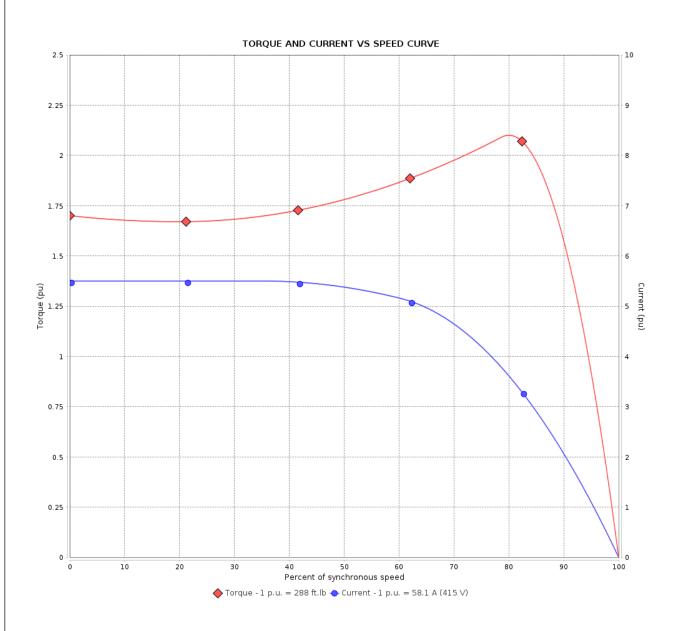


Customer

Product line : W22 NEMA Premium Efficiency Three-

Product code: 11355727

Catalog #: 04009ET3E365T-W22



Performance	: 415 V 50 Hz 8P IE2			
Rated current	: 58.1 A	Moment of inertia (J)	: 29.0 sq.ft.lb	
LRC	: 5.5	Duty cycle	: Cont.(S1)	
Rated torque	: 288 ft.lb	Insulation class	: F	
Locked rotor torque	: 170 %	Service factor	: 1.00	
Breakdown torque	: 210 %	Temperature rise	: 105 K	
Rated speed	: 730 rpm	Design	: B	
Locked rotor time	: 32s (cold) 18s (hot)			

LOCKEU TOTOL TITLE		23 (Cold) 103 (1101)			
Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	21/06/2023			9 / 37	

### Three Phase Induction Motor - Squirrel Cage



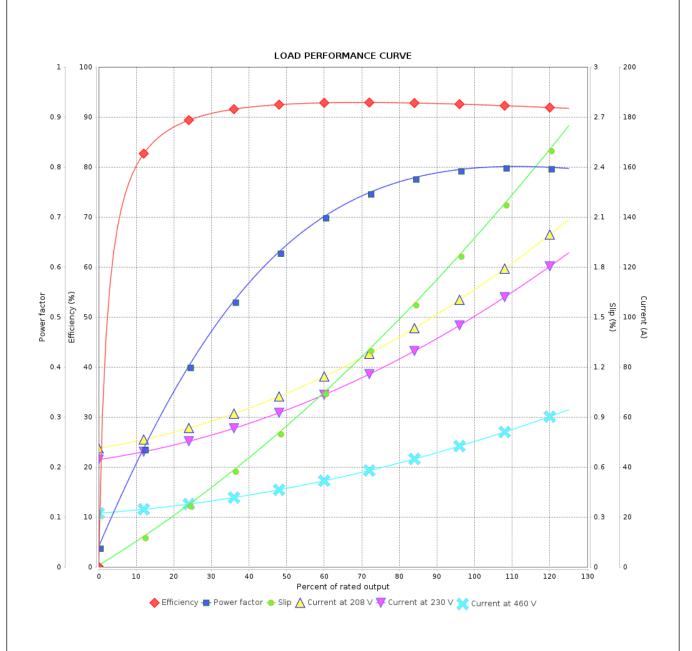
Customer

Product line : W22 NEMA Premium Efficiency Three-

Phase

Product code: 11355727

Catalog #: 04009ET3E365T-W22



Performance	: 2	230/460 V 60 Hz 8F	)			
Rated current	: 1	102/50.9 A	Moment of	of inertia (J)	: 29.0 sq.ft.lb	
LRC	: 5	5.9	Duty cycle	е	: Cont.(S1)	
Rated torque	: 2	238 ft.lb	Insulation	class	: F	
Locked rotor torqu	ue : 1	170 %	Service fa	actor	: 1.25	
Breakdown torque		210 %	Temperat	Temperature rise		
Rated speed	: 8	32 rpm Design			: B	
Rev.		Changes Summa	ry	Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	21/06/2023				10 / 37	

### Three Phase Induction Motor - Squirrel Cage

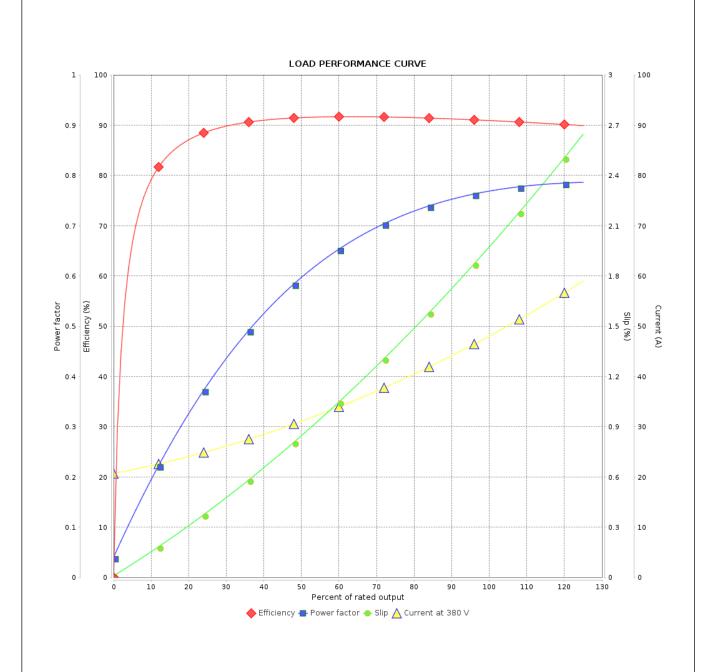


Customer

Product line : W22 NEMA Premium Efficiency Three-

Product code: 11355727

Catalog #: 04009ET3E365T-W22



Performance	: 38	80 V 50 Hz 8P IE3	3			
Rated current	tated current : 47.8 A		Moment o	f inertia (J)	: 29.0 sq.ft.lb	
LRC	: 6	.1	Duty cycle	•	: Cont.(S1)	
Rated torque	: 2	14 ft.lb	Insulation	class	: F	
Locked rotor torq	ue : 60	00 %	Service fa	ctor	: 1.00	
Breakdown torque	e : 24	40 %	Temperati	ure rise	: 80 K	
Rated speed	: 73	35 rpm Design			: B	
Rev.		Changes Summa	ary	Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	21/06/2023	1			11 / 37	

### Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : W22 NEMA Premium Efficiency Three-

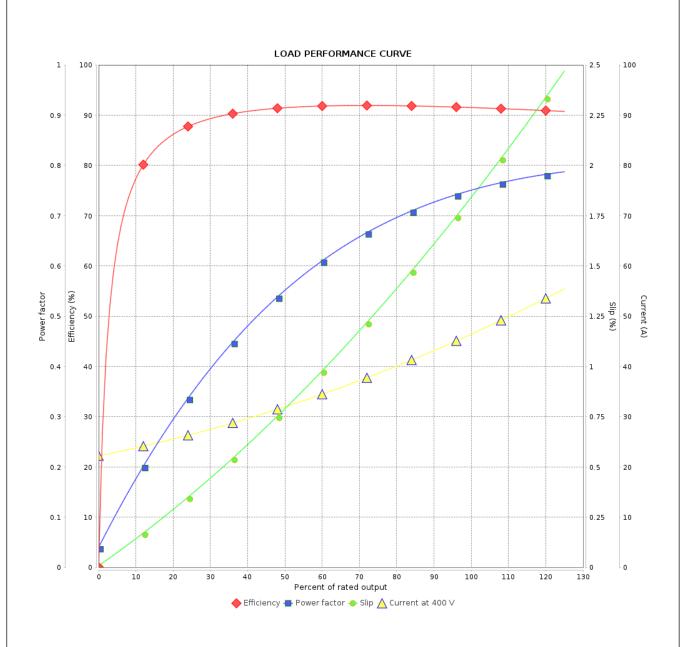
Phase

21/06/2023

Date

Product code: 11355727

Catalog #: 04009ET3E365T-W22



Performance	: 400 V 50 Hz 8P IE3			
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 46.3 A Moment of inertia (J) : 6.7 Duty cycle : 214 ft.lb Insulation class : 210 % Service factor : 270 % Temperature rise : 736 rpm Design		: 29.0 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B	
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision

### Three Phase Induction Motor - Squirrel Cage

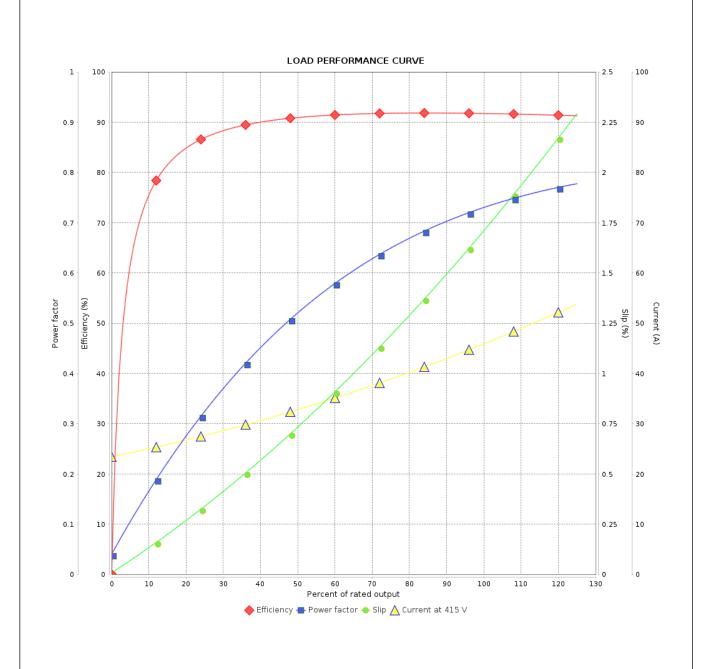


Customer

Product line : W22 NEMA Premium Efficiency Three-

Product code: 11355727

Catalog #: 04009ET3E365T-W22



Performance	: 4	: 415 V 50 Hz 8P IE3				
Rated current	ent : 45.7 A		Moment o	Moment of inertia (J)		
LRC	: 7	.1	Duty cycle	9	: Cont.(S1)	
Rated torque	: 2	14 ft.lb	Insulation	class	: F	
Locked rotor torg	jue : 2	29 %	Service fa	actor	: 1.00	
Breakdown torque :		00 %	Temperati	Temperature rise		
Rated speed	: 7	37 rpm	Design		: B	
Rev.		Changes Summa	ary	Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	21/06/2023				13 / 37	

### Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : W22 NEMA Premium Efficiency Three-

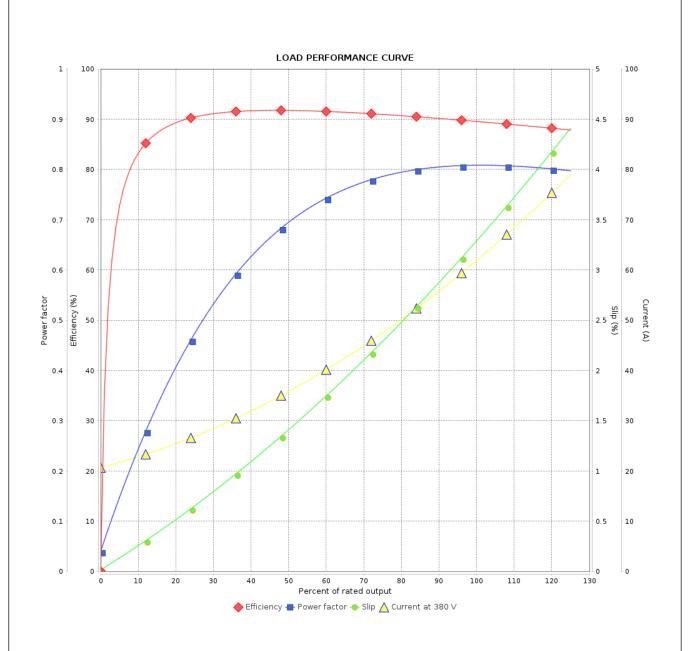
Phase

21/06/2023

Date

Product code: 11355727

Catalog #: 04009ET3E365T-W22



Performance	: 380 V 50 Hz 8P IE1			
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 62.9 A : 4.5 : 290 ft.lb : 140 % : 180 % : 725 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design	: 29.0 sq.ft.lb : Cont.(S1) : F : 1.00 : 105 K : B	
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision

### Three Phase Induction Motor - Squirrel Cage

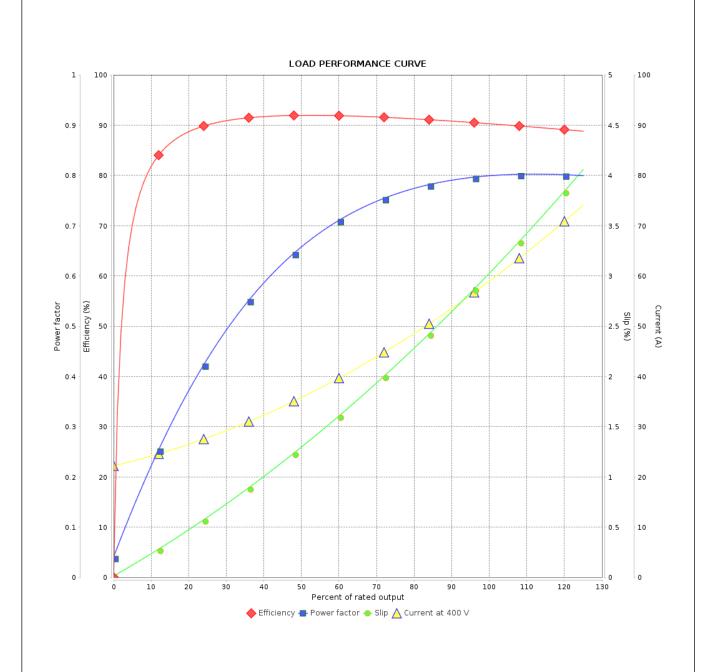


Customer

Product line : W22 NEMA Premium Efficiency Three-

Product code: 11355727

Catalog #: 04009ET3E365T-W22



Performance	: 40	00 V 50 Hz 8P IE2				
Rated current	rrent : 60.0 A		Moment o	f inertia (J)	: 29.0 sq.ft.lb	
LRC	: 5.	.0	Duty cycle	•	: Cont.(S1)	
Rated torque	: 28	89 ft.lb	Insulation	class	: F	
Locked rotor torqu	ue : 16	60 %	Service fa	ctor	: 1.00	
Breakdown torque		00 %	Temperati	Temperature rise		
Rated speed	: 72	27 rpm Design			: B	
Rev.		Changes Summa	ry	Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	21/06/2023	1			15 / 37	

### Three Phase Induction Motor - Squirrel Cage

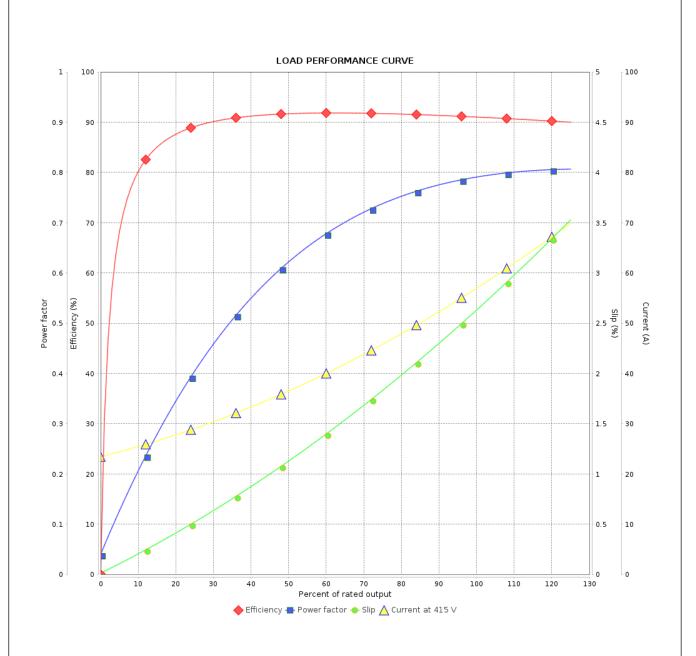


Customer

Product line : W22 NEMA Premium Efficiency Three-

Product code: 11355727

Catalog #: 04009ET3E365T-W22



Performance	ance : 415 V 50 Hz 8P IE2					
Rated current	: 5	58.1 A	Moment o	of inertia (J)	: 29.0 sq.ft.lb	
LRC	: 5	5.5	Duty cycle	9	: Cont.(S1)	
Rated torque	: 2	288 ft.lb	Insulation	class	: F	
Locked rotor torqu	ue : 1	170 %	Service fa	ictor	: 1.00	
Breakdown torque	e : 2	210 %	Temperat	Temperature rise		
Rated speed	: 7	30 rpm Design		: B		
Rev.		Changes Summa	ry	Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	21/06/2023				16 / 37	

### Three Phase Induction Motor - Squirrel Cage

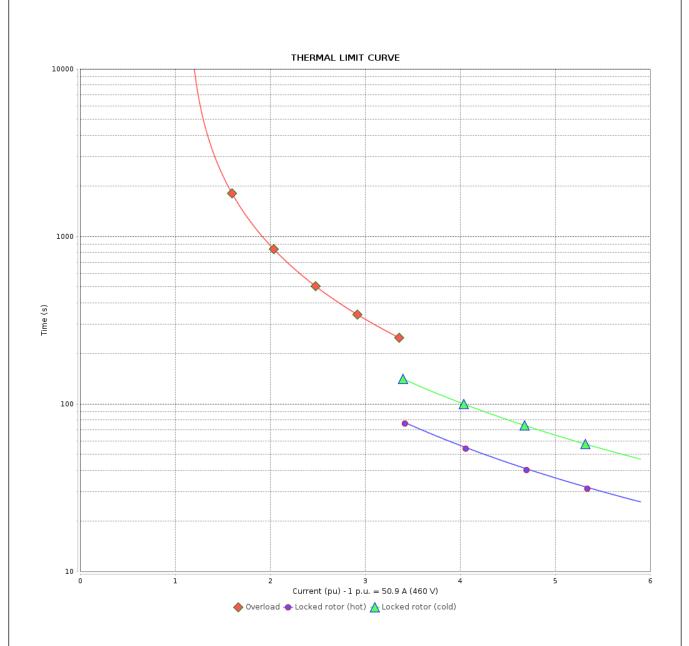


Customer	:					
Product line	: W22 NE Phase	MA Premium Efficiency Thr	ee-	Product code :	11355727	
	1 11000			Catalog # :	04009ET3E365T-W22	
Performance	: 2	230/460 V 60 Hz 8P				
Rated current RC		02/50.9 A 5.9	Moment of Duty cycle	of inertia (J)	: 29.0 sq.ft.lb : Cont.(S1)	
Rated torque	: 2	238 ft.lb	Insulation	class	: F	
ocked rotor tor		70 %	Service fa		: 1.25	
Breakdown torqı Rated speed		210 % 882 rpm	Temperat Design	ure rise	: 80 K : B	
Heating constan						
Cooling constan	t					
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	21/06/2023				17 / 37	

## Three Phase Induction Motor - Squirrel Cage



Customer :



Rev.		Changes Summary		Checked	Date
Performed by					
Checked by		-		Page	Revision
Date	21/06/2023			18 / 37	

### Three Phase Induction Motor - Squirrel Cage

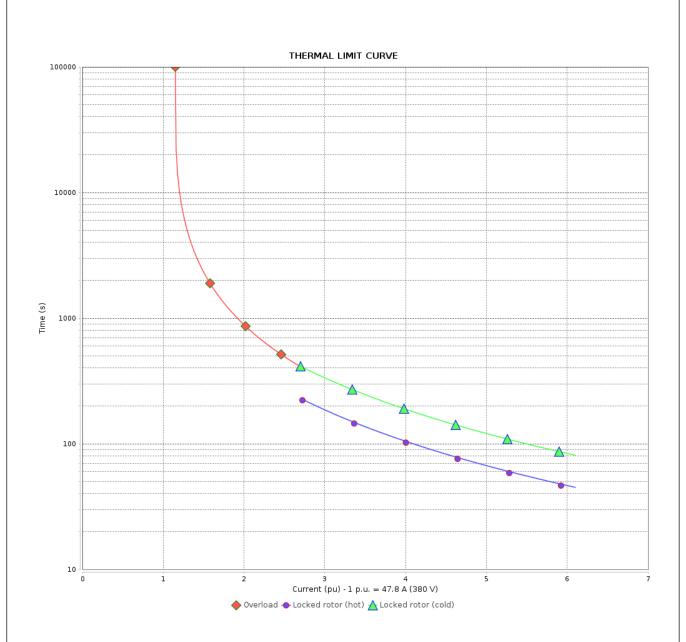


Product line					
	: W22 NEM Phase	AA Premium Efficiency Three-	Product code :	11355727	
	Filase		Catalog # :	04009ET3E3	865T-W22
erformance	: 38	30 V 50 Hz 8P IE3			
ated current	: 47	7.8 A Mom	nent of inertia (J)	: 29.0 sq.ft.lb	
ated current	: 47 : 6.	7.8 A Morr 1 Duty	nent of inertia (J)	: 29.0 sq.ft.lb : Cont.(S1) : F	
ated current RC ated torque ocked rotor tor	: 47 : 6. : 2'	7.8 A Mom 1 Duty 14 ft.lb Insul 00 % Serv	cycle lation class rice factor	: Cont.(S1) : F : 1.00	
ated current RC ated torque ocked rotor torque eakdown torque	: 47 : 6. : 2 <sup>4</sup> que : 60 ue : 2 <sup>4</sup>	7.8 A Mom 1 Duty 14 ft.lb Insul 00 % Serv	r cycle lation class rice factor perature rise	: Cont.(S1) : F	
erformance ated current RC ated torque ocked rotor tor- reakdown torquated speed eating constan	: 47 : 6. : 2′ que : 60 ue : 2 <sup>4</sup> : 73	7.8 A Mom 1 Duty 14 ft.lb Insul 00 % Serv 10 % Tem	r cycle lation class rice factor perature rise	: Cont.(S1) : F : 1.00 : 80 K	
ated current RC ated torque ocked rotor torgoreakdown torgoreated speed eating constan	: 47 : 6. : 2' que : 60 ue : 2' : 73	7.8 A Mom 1 Duty 14 ft.lb Insul 00 % Serv 10 % Tem	r cycle lation class rice factor perature rise	: Cont.(S1) : F : 1.00 : 80 K	
ated current RC ated torque ocked rotor tor- reakdown torquated speed eating constan	: 47 : 6. : 2' que : 60 ue : 2' : 73	7.8 A Mom 1 Duty 14 ft.lb Insul 00 % Serv 10 % Tem	r cycle lation class rice factor perature rise	: Cont.(S1) : F : 1.00 : 80 K	Date
ated current RC ated torque ocked rotor tor- reakdown torquated speed eating constant poling constant Rev.	: 47 : 6. : 2' que : 60 ue : 2' : 73	7.8 A	r cycle lation class rice factor perature rise gn	: Cont.(S1) : F : 1.00 : 80 K : B	Date
ated current RC ated torque ocked rotor tor- reakdown torque ated speed eating constan	: 47 : 6. : 2' que : 60 ue : 2' : 73	7.8 A	r cycle lation class rice factor perature rise gn	: Cont.(S1) : F : 1.00 : 80 K : B	Date

### Three Phase Induction Motor - Squirrel Cage



Customer :



Rev.		Changes Summary	Performed	Checked	Date
Performed by					1
Checked by				Page	Revision
Date	21/06/2023			20 / 37	

#### Three Phase Induction Motor - Squirrel Cage

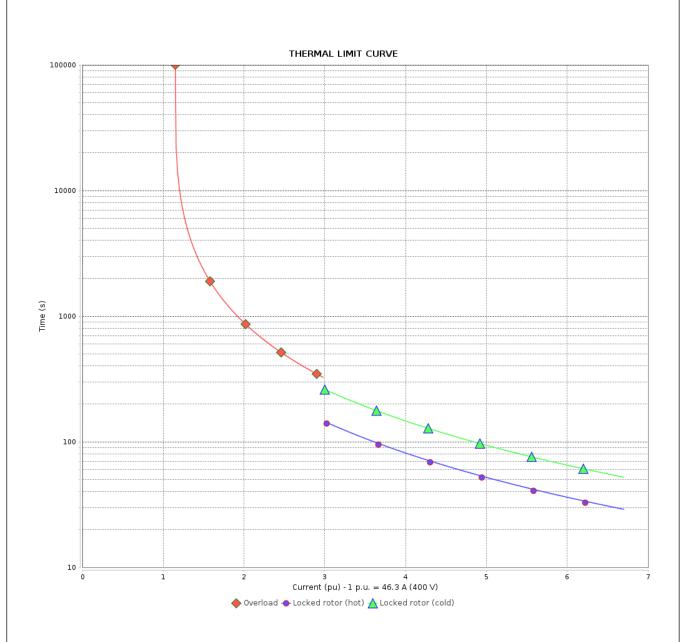


Customer	:				
3 3 3 3 1 1 1 1	•				
Product line	: W22 NEMA Premium Effic	ciency Three-	Product code :	11355727	
	Phase		Catalog # :	04009ET3E	365T-W22
			Catalog #:	04009E13E	305 I -W22
Performance Rated current .RC Rated torque	: 400 V 50 Hz 8P IE : 46.3 A : 6.7 : 214 ft.lb	Mome Duty o	nt of inertia (J) cycle tion class	: 29.0 sq.ft.lb : Cont.(S1) : F	
Locked rotor torq Breakdown torqu Rated speed Heating constant	iue : 210 % le : 270 % : 736 rpm	Servic	e factor erature rise	: 1.00 : 80 K : B	
Cooling constant					
Rev.	Changes Summ	ary	Performed	Checked	Date
	<b>J</b>	•			
Performed by					
Checked by				Page	Revision
Date	21/06/2023			21 / 37	

### Three Phase Induction Motor - Squirrel Cage



Customer



Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	21/06/2023			22 / 37	

### Three Phase Induction Motor - Squirrel Cage

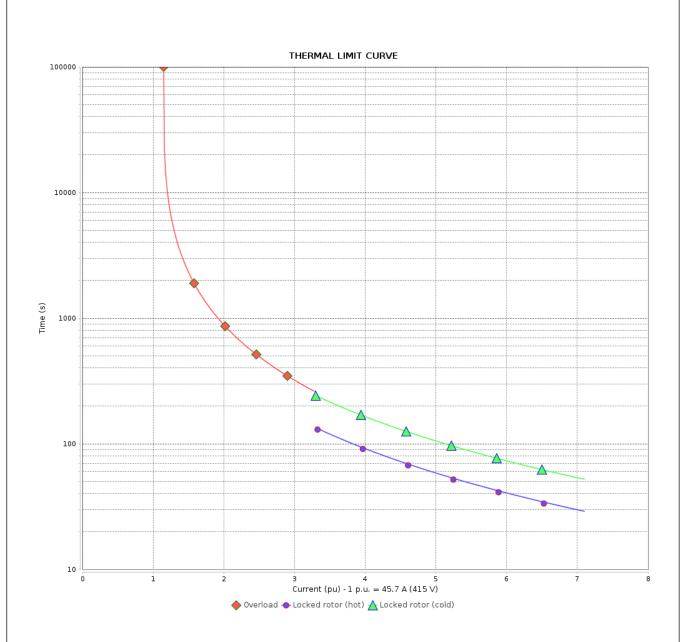


Customer	:					
Product line	: W22 NEI Phase	MA Premium Efficiency Thr	ee-	Product code :	11355727	
	Tildoc			Catalog # :	04009ET3E3	865T-W22
Performance	: 4	15 V 50 Hz 8P IE3				
Rated current		5.7 A	Moment of	of inertia (J)	: 29.0 sq.ft.lb	
₋RC Rated torque	: 7	.1 14 ft.lb	Duty cycle Insulation	e Class	: Cont.(S1) : F	
Rated torque Locked rotor tor		29 %	Service fa		. F : 1.00	
Breakdown torqi	ue : 3	00 %	Temperat	ure rise	: 80 K	
Rated speed	: 7	37 rpm	Design		: B	
Heating constan						
Cooling constan	t					
Rev.		Changes Summary		Performed	Checked	Date
		I				
Performed by		_			_	<b>.</b>
Checked by		_			Page	Revision
Date	21/06/2023				23 / 37	

### Three Phase Induction Motor - Squirrel Cage



Customer



Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	21/06/2023			24 / 37	

#### Three Phase Induction Motor - Squirrel Cage

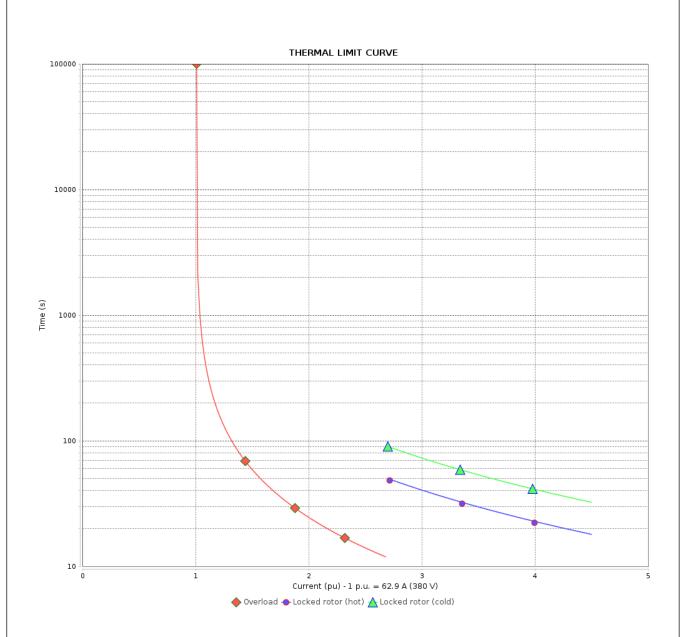


Customer	:					
Product line	: W22 NE Phase	MA Premium Efficiency Thr	ee-	Product code :	11355727	
	1 11000			Catalog # :	04009ET3E3	365T-W22
Porformanos		200 V 50 Hz 9D IE1				
Performance Rated current		380 V 50 Hz 8P IE1 62.9 A	Moment of	of inertia (J)	: 29.0 sq.ft.lb	
_RC	: 4	4.5	Duty cycle	е	: Cont.(S1)	
Rated torque ∟ocked rotor tord		290 ft.lb 140 %	Insulation Service fa		: F : 1.00	
Breakdown torqu Rated speed	ie : '	180 % 725 rpm	Temperat Design		: 105 K : B	
Heating constant						
Cooling constant Rev.	l	Changes Summary		Performed	Checked	Date
I VOV.		Changes Cummary		1 CHOITHEU	OHEUNEU	Date
Performed by						
Checked by					Page	Revision
Date	21/06/2023	-			25 / 37	

## Three Phase Induction Motor - Squirrel Cage



Customer



Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by		-		Page	Revision
Date	21/06/2023			26 / 37	

### Three Phase Induction Motor - Squirrel Cage

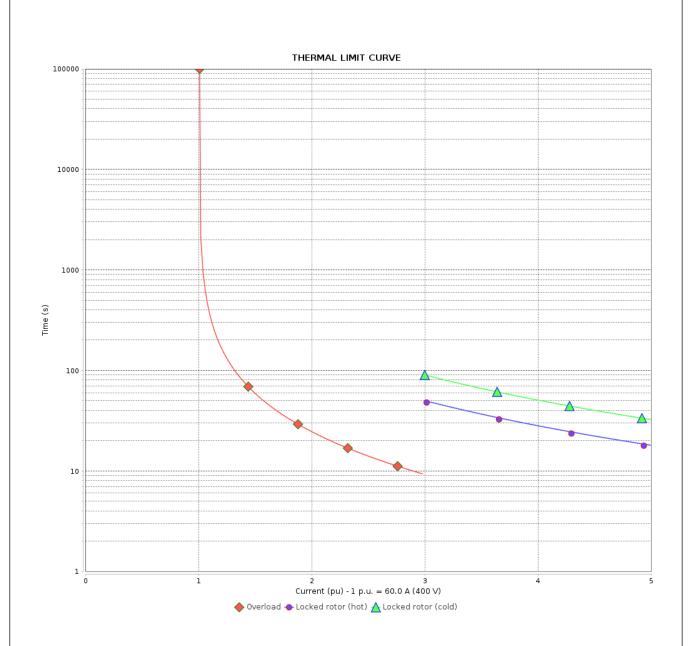


Customer	:					
Product line	: W22 NE Phase	MA Premium Efficiency Th	ree-	Product code :	11355727	
	Tildoo			Catalog # :	04009ET3E3	365T-W22
Performance	· <u>/</u>	00 V 50 Hz 8P IE2				
Rated current		60.0 A	Moment of	of inertia (J)	: 29.0 sq.ft.lb	
_RC	: 5	5.0	Duty cycle	е	: Cont.(S1)	
Rated torque ₋ocked rotor tord		89 ft.lb 60 %	Insulation Service fa		: F : 1.00	
Breakdown torqu		200 %	Temperat		: 105 K	
Rated speed		'27 rpm	Design		: B	
Heating constan	t					
Cooling constan						
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	21/06/2023				27 / 37	

## Three Phase Induction Motor - Squirrel Cage



Customer :



Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	21/06/2023			28 / 37	

### Three Phase Induction Motor - Squirrel Cage

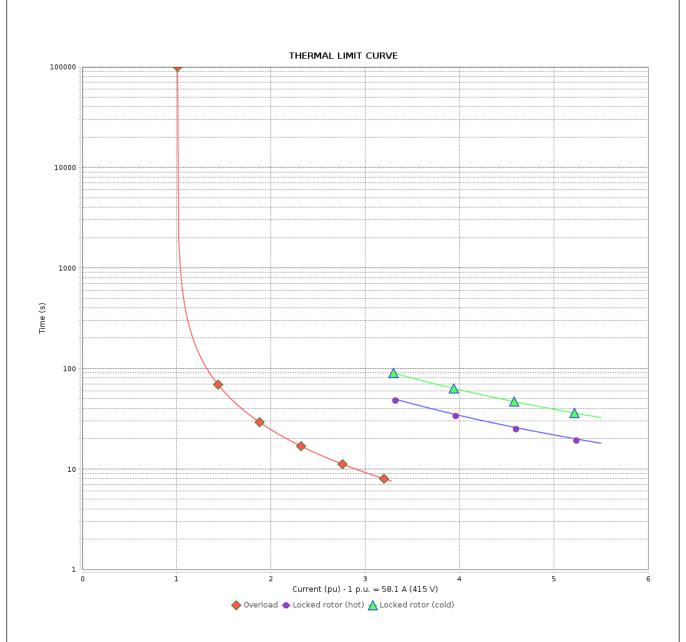


Customer	:					
Product line	: W22 NE Phase	MA Premium Efficiency Th	ree-	Product code :	11355727	
	Tildoc			Catalog # :	04009ET3E3	365T-W22
Performance	: 4	15 V 50 Hz 8P IE2				
Rated current	: 5	8.1 A	Moment of	of inertia (J)	: 29.0 sq.ft.lb	
RC	: 5		Duty cycle	Э	: Cont.(S1)	
Rated torque ₋ocked rotor tor		88 ft.lb 70 %	Insulation Service fa		: F : 1.00	
Breakdown torqi	ue : 2	10 %	Temperat		: 105 K	
Rated speed	: 7 	30 rpm	Design		: B	
Heating constan	t					
Cooling constan	t			,	1	
Rev.		Changes Summary		Performed	Checked	Date
Performed by					_	
Checked by		_			Page	Revision
Date	21/06/2023				29 / 37	

### Three Phase Induction Motor - Squirrel Cage



Customer :



Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	21/06/2023			30 / 37	

### Three Phase Induction Motor - Squirrel Cage



Customer

Product line : W22 NEMA Premium Efficiency Three-

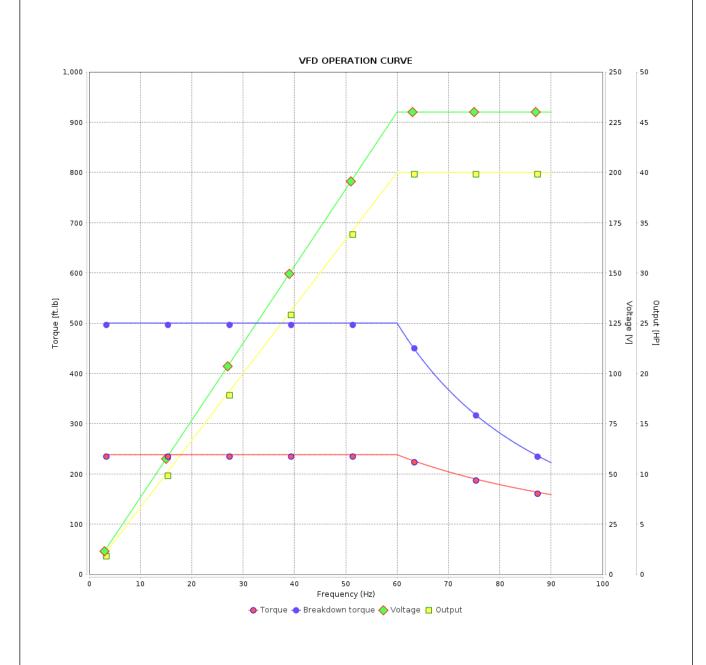
Phase

21/06/2023

Date

Product code: 11355727

Catalog #: 04009ET3E365T-W22



Performance	: 230/460 V 60 Hz 8P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 102/50.9 A : 5.9 : 238 ft.lb : 170 % : 210 % : 882 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 29.0 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B	
Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by				Page	Revision

### Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : W22 NEMA Premium Efficiency Three-

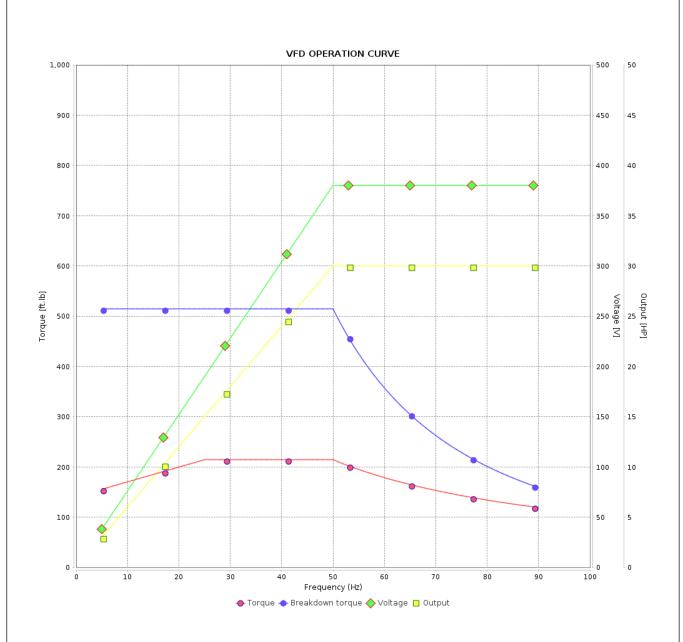
Phase

21/06/2023

Date

Product code: 11355727

Catalog #: 04009ET3E365T-W22



Performance	: 380 V 50 Hz 8P IE3				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 47.8 A : 6.1 : 214 ft.lb : 600 % : 240 % : 735 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 29.0 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B	
Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by				Page	Revision

### Three Phase Induction Motor - Squirrel Cage



Customer

Product line : W22 NEMA Premium Efficiency Three-

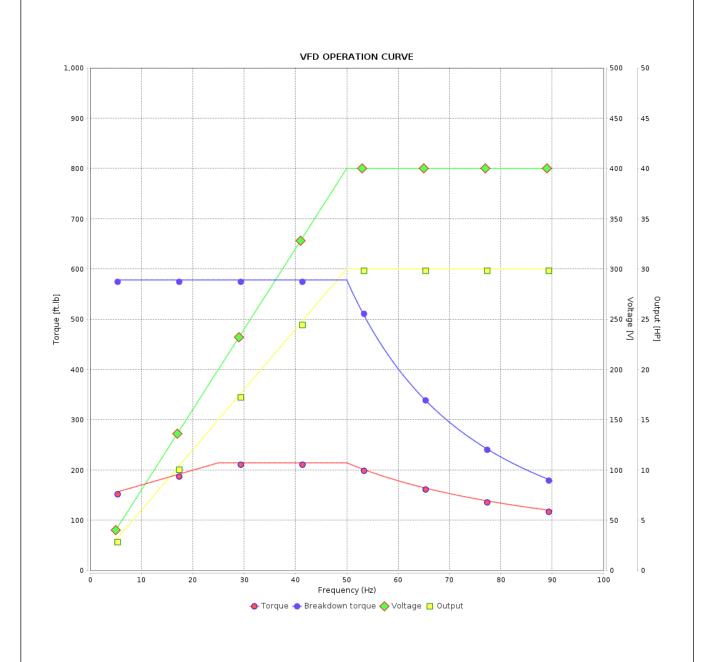
Phase

21/06/2023

Date

Product code: 11355727

Catalog #: 04009ET3E365T-W22



Performance	: 400 V 50 Hz 8P IE3			
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 46.3 A : 6.7 : 214 ft.lb : 210 % : 270 % : 736 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design	: 29.0 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B	
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision

### Three Phase Induction Motor - Squirrel Cage



Customer

Product line : W22 NEMA Premium Efficiency Three-

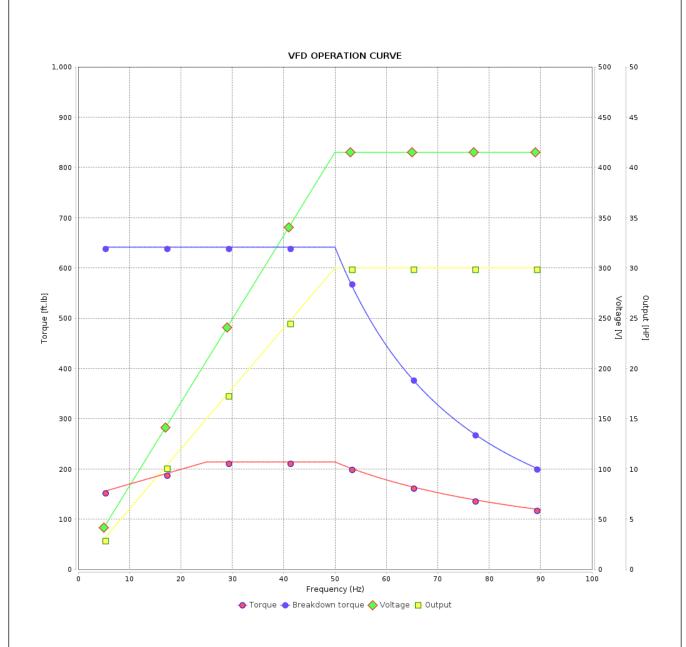
Phase

21/06/2023

Date

Product code: 11355727

Catalog #: 04009ET3E365T-W22



Performance	: 4	: 415 V 50 Hz 8P IE3						
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 7 : 2 jue : 2 ie : 3	: 45.7 A : 7.1 : 214 ft.lb : 229 % : 300 % : 737 rpm		f inertia (J) c class ctor ure rise	: 29.0 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B			
Rev. Changes Summary		ary	Performed	Checked	Date			
Performed by Checked by					Page	Revision		

### Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : W22 NEMA Premium Efficiency Three-

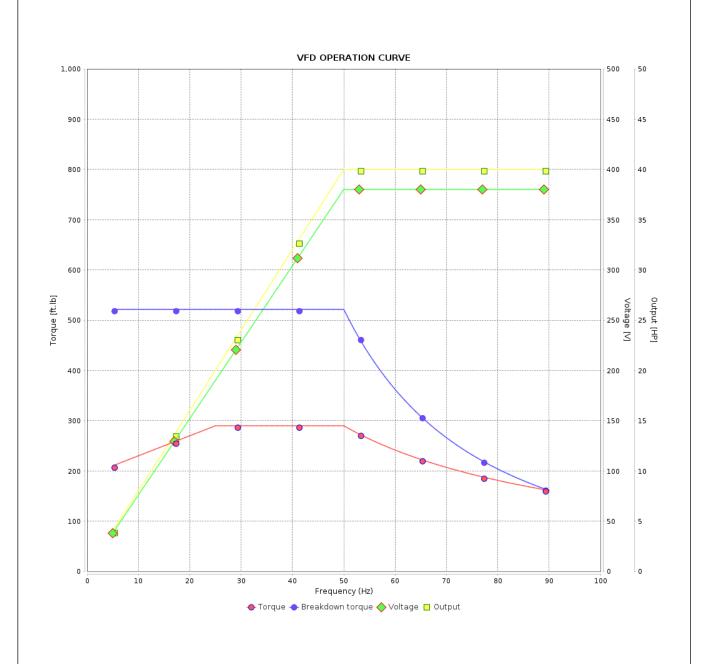
Phase

21/06/2023

Date

Product code: 11355727

Catalog #: 04009ET3E365T-W22



Performance : 380 V 50 Hz 8P IE1						
Rated current LRC	: 62.9 A : 4.5	Moment of inertia (J)		: 29.0 sq.ft.lb		
Rated torque	: 4.5 : 290 ft.lb	= 3.5, 5, 5.5		: Cont.(S1) : F		
Locked rotor torque	: 140 %		Service factor			
Breakdown torque	: 180 %	Temperature rise		: 105 K		
Rated speed	: 725 rpm	Design		: B		
Rev.	Changes Summary		Performed	Checked	Date	
Performed by						
Checked by				Page	Revision	

### Three Phase Induction Motor - Squirrel Cage



Customer

Product line : W22 NEMA Premium Efficiency Three-

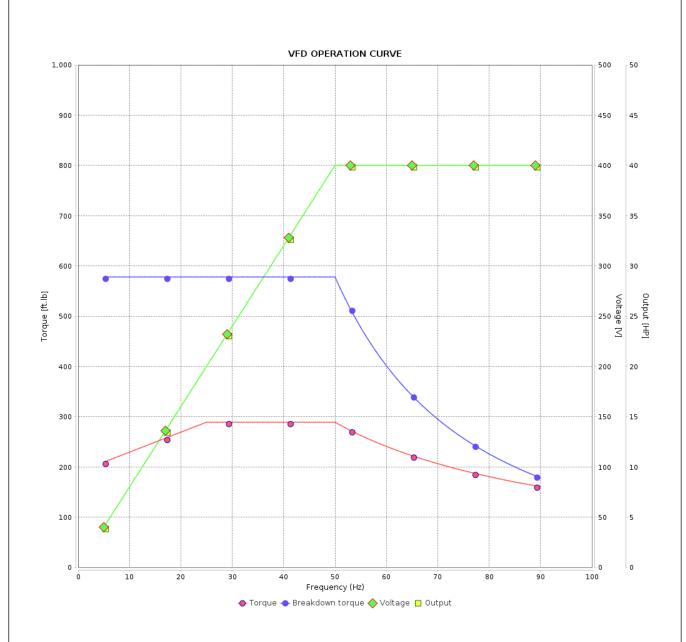
Phase

21/06/2023

Date

Product code: 11355727

Catalog #: 04009ET3E365T-W22



erformance : 400 V 50 Hz 8P IE2			•		
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 60.0 A : 5.0 : 289 ft.lb : 160 % : 200 % : 727 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 29.0 sq.ft.lb : Cont.(S1) : F : 1.00 : 105 K : B	
Rev.	Changes Summary	/	Performed	Checked	Date
Performed by					
Checked by				Page	Revision

### Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : W22 NEMA Premium Efficiency Three-

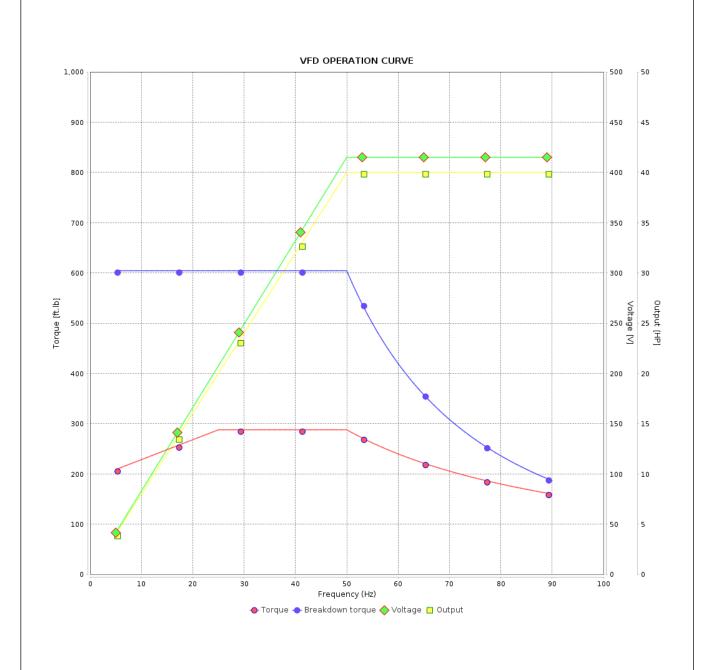
Phase

21/06/2023

Date

Product code: 11355727

Catalog #: 04009ET3E365T-W22



Performance : 415 V 50 Hz 8P IE2					
Rated current	: 58.1 A			: 29.0 sq.ft.lb	
LRC	: 5.5			: Cont.(S1)	
Rated torque	: 288 ft.lb Insulation class		class	: F	
Locked rotor torque	: 170 %	% Temperature rise		: 1.00 : 105 K	
Breakdown torque	: 210 %				
Rated speed	: 730 rpm			: B	
Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by				Page	Revision

