DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer

Product line : NEMA Premium Efficiency Three-Product code: 11438075

Catalog #: 05018ET3E326TC-W22

Frame : 324/6TC Cooling method : IC411 - TEFC

Insulation class Mounting : F-1

Duty cycle : Cont.(S1) Rotation¹ : Both (CW and CCW)

: -20°C to +40°C Starting method Ambient temperature : Direct On Line

: 1000 m.a.s.l. Approx. weight³ : 611 lb Altitude

: IP55 Protection degree

Design

Moment of inertia (J) : 9.16 sq.ft.lb : B

Deoign								
Output [HP]		50	40	40	40	50	50	50
Poles		4	4	4	4	4	4	4
Frequency [Hz]		60	50	50	50	50	50	50
Rated voltage [V]		230/460	380	400	415	380	400	415
Rated current [A]		118/59.2	58.7	57.1	56.4	71.6	68.4	66.3
L. R. Amperes [A]		734/367	376	400	417	372	397	411
LRC [A]		6.2x(Code	6.4x(Code	7.0x(Code H)	7.4x(Code J)	5.2x(Code E)	5.8x(Code F)	6.2x(Code
		G)	G)					G)
No load current [A]]	47.0/23.5	23.0	24.0	25.0	23.0	24.0	25.0
Rated speed [RPN	1]	1775	1470	1475	1478	1460	1465	1470
Slip [%]			2.00	1.67	1.47	2.67	2.33	2.00
Rated torque [ft.lb]	Rated torque [ft.lb]		143	142	142	180	179	179
Locked rotor torqu	e [%]	229	229	250	260	180	200	210
Breakdown torque	[%]	270	260	300	330	210	240	260
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		27s (cold)	19s (cold)	19s (cold)	19s (cold)	19s (cold)	19s (cold)	19s (cold)
		15s (hot)	11s (hot)	11s (hot)	11s (hot)	11s (hot)	11s (hot)	11s (hot)
Noise level ²		66.0 dB(A)	63.0 dB(A)	63.0 dB(A)	63.0 dB(A)	63.0 dB(A)	63.0 dB(A)	63.0 dB(A)
	25%							
Efficiency (%)	50%	93.0	92.5	91.5	91.5	93.0	92.4	92.4
Linciency (70)	75%	94.1	93.1	92.8	93.0	93.0	93.0	93.0
100%		94.5	93.6	93.6	93.6	92.4	93.0	93.5
25%								
Power Factor 50%		0.66	0.64	0.60	0.57	0.72	0.68	0.65
1 OWEL FACIOI	75%	0.77	0.77	0.73	0.70	0.81	0.79	0.76
	100%	0.83	0.83	0.81	0.79	0.85	0.84	0.83

Drive end Non drive end Foundation loads

20000 h

6312 C3 Bearing type 6212 C3 Max. traction : 1477 lb : 2088 lb Sealing V'Ring V'Ring Max. compression 20000 h

Lubricant amount 21 g 13 g Mobil Polyrex EM Lubricant type

Notes

Lubrication interval

USABLE @208V 131A SF 1.15 SFA 151A

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	12/04/2022			1 / 36	

Three Phase Induction Motor - Squirrel Cage

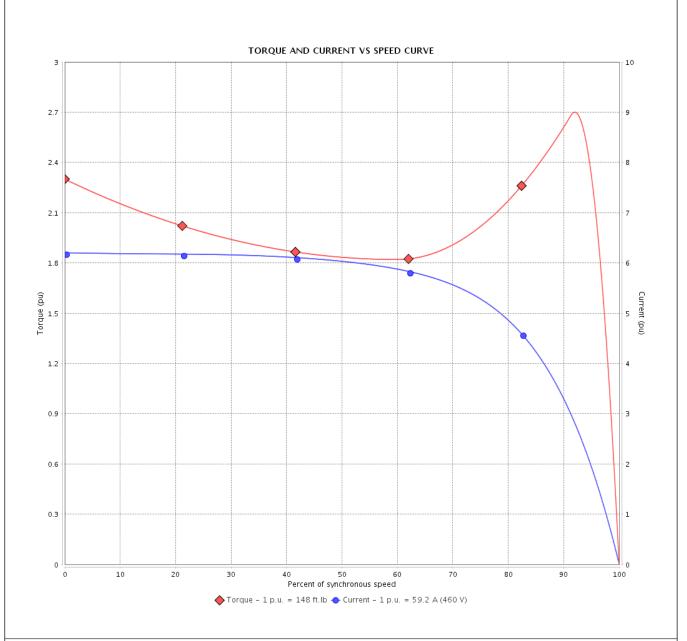


Customer :

Product line : NEMA Premium Efficiency Three- Product code : 11438075

Phase

Catalog #: 05018ET3E326TC-W22



Performance	: 230/460 V 60 Hz 4P			
Rated current LRC Rated torque Locked rotor torque	: 118/59.2 A : 6.2 : 148 ft.lb : 229 %	Moment of inertia (J) Duty cycle Insulation class Service factor	: 9.16 sq.ft.lb : Cont.(S1) : F : 1.25	
Breakdown torque Rated speed	: 270 % : 1775 rpm	Temperature rise Design	: 80 K : B	
1	. 07- / - \ 45- / -	I		

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

Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	12/04/2022			2 / 36	



Revision

Page

3/36

Three Phase Induction Motor - Squirrel Cage Customer Product line : NEMA Premium Efficiency Three-Product code: 11438075 Catalog #: 05018ET3E326TC-W22 TORQUE AND CURRENT VS SPEED CURVE 2.7 2.1 Current Torque (pu) 1.2 0.6 0.3 Percent of synchronous speed ◆ Torque - 1 p.u. = 143 ft.lb ◆ Current - 1 p.u. = 58.7 A (380 V) Performance : 380 V 50 Hz 4P IE3 Rated current : 58.7 A Moment of inertia (J) : 9.16 sq.ft.lb **LRC** : 6.4 Duty cycle : Cont.(S1) Insulation class Rated torque : 143 ft.lb : F Locked rotor torque : 229 % Service factor : 1.00 Breakdown torque : 260 % Temperature rise : 80 K Rated speed : 1470 rpm Design : B Locked rotor time : 19s (cold) 11s (hot) Performed Checked Date Rev. **Changes Summary**

This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice

Performed by Checked by

Date

12/04/2022

Three Phase Induction Motor - Squirrel Cage



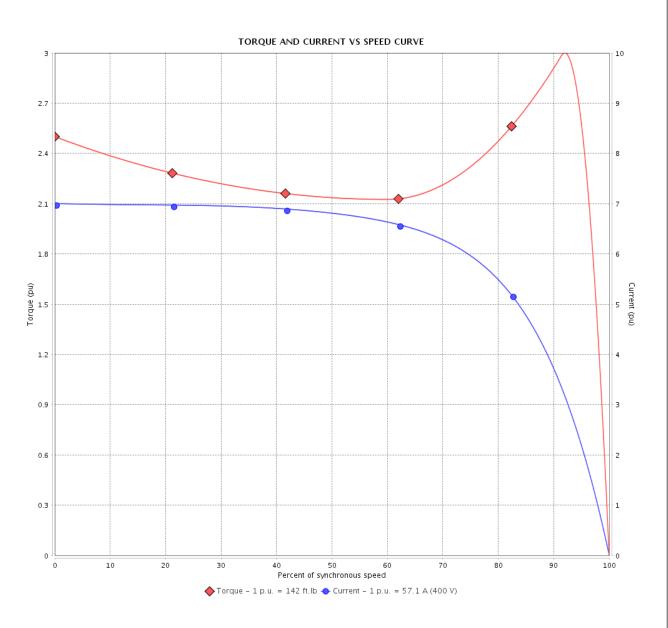
Customer :

Product line : NEMA Premium Efficiency Three-

Phase

Product code: 11438075

Catalog #: 05018ET3E326TC-W22



: 400 V 50 Hz 4P IE3 Performance Rated current : 57.1 A Moment of inertia (J) : 9.16 sq.ft.lb **LRC** : 7.0 Duty cycle : Cont.(S1) Insulation class Rated torque : 142 ft.lb : F Service factor Locked rotor torque : 250 % : 1.00 Breakdown torque : 300 % Temperature rise : 80 K Rated speed : 1475 rpm Design : B

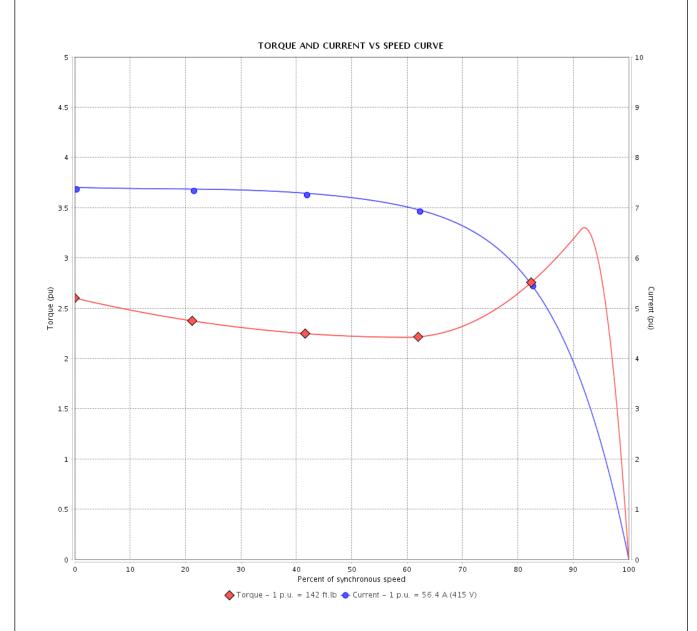
Locked rotor time : 19s (cold) 11s (hot)

Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	12/04/2022			4 / 36	

Three Phase Induction Motor - Squirrel Cage



Customer Product line : NEMA Premium Efficiency Three-Product code: 11438075 Catalog #: 05018ET3E326TC-W22



Performance : 415 V 50 Hz 4P IE3 Rated current : 56.4 A Moment of inertia (J) : 9.16 sq.ft.lb **LRC** : 7.4 Duty cycle : Cont.(S1) : 142 ft.lb Insulation class : F Rated torque : 260 % : 1.00 Locked rotor torque Service factor : 80 K Breakdown torque : 330 % Temperature rise : B Rated speed : 1478 rpm Design : 19s (cold) 11s (hot) Locked rotor time

LOCKCO TOTOL UITK	. 1.	33 (cold) 113 (flot)			
Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	12/04/2022			5 / 36	

Three Phase Induction Motor - Squirrel Cage

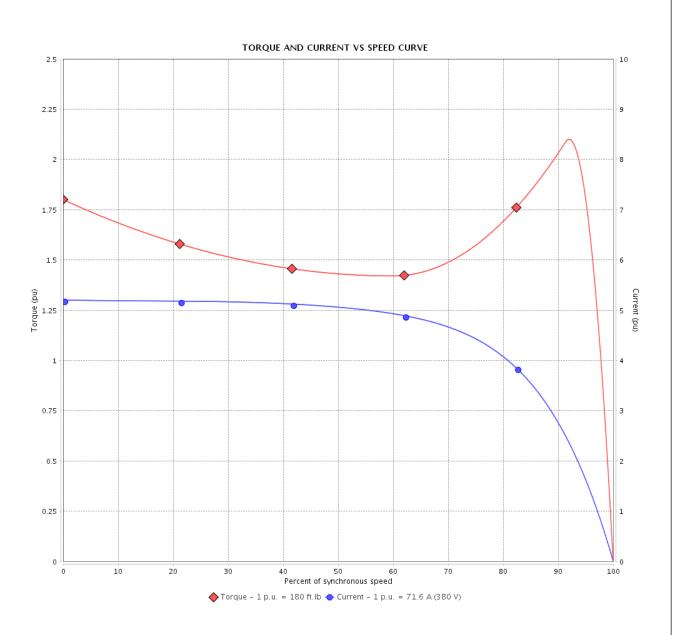


Customer

Product line : NEMA Premium Efficiency Three-Product code:

Catalog #: 05018ET3E326TC-W22

11438075



Performance : 380 V 50 Hz 4P IE1 Rated current : 71.6 A Moment of inertia (J) : 9.16 sq.ft.lb **LRC** : 5.2 Duty cycle : Cont.(S1) Insulation class Rated torque : 180 ft.lb : F Service factor Locked rotor torque : 180 % : 1.00 Breakdown torque : 210 % Temperature rise : 105 K Rated speed : 1460 rpm Design : B

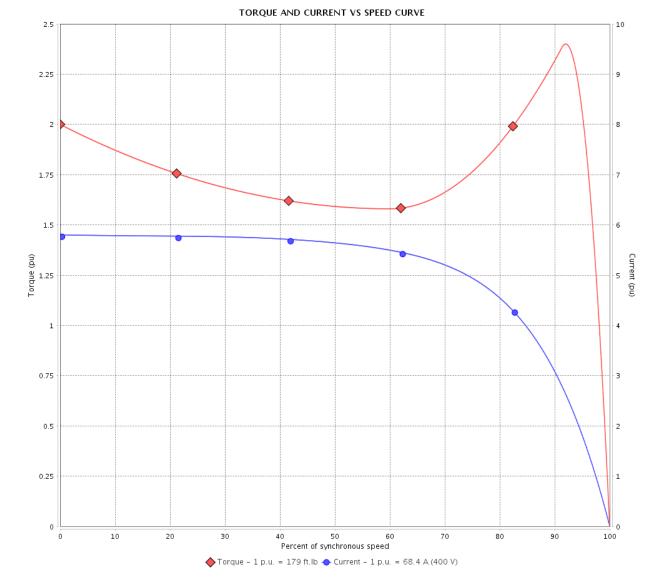
Locked rotor time : 19s (cold) 11s (hot)

Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	12/04/2022			6 / 36	

Three Phase Induction Motor - Squirrel Cage



Customer Product line : NEMA Premium Efficiency Three-Product code: 11438075 Catalog #: 05018ET3E326TC-W22 TORQUE AND CURRENT VS SPEED CURVE



Performance	: 400 V 50 Hz 4P IE2			
Rated current	: 68.4 A	Moment of inertia (J)	: 9.16 sq.ft.lb	
LRC	: 5.8	Duty cycle	: Cont.(S1)	
Rated torque	: 179 ft.lb	Insulation class	: F	
Locked rotor torque	: 200 %	Service factor	: 1.00	
Breakdown torque	: 240 %	Temperature rise	: 105 K	
Rated speed	: 1465 rpm	Design	: B	
Locked rotor time	: 19s (cold) 11s (hot)			

		, , , ,			
Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	12/04/2022			7 / 36	

Three Phase Induction Motor - Squirrel Cage



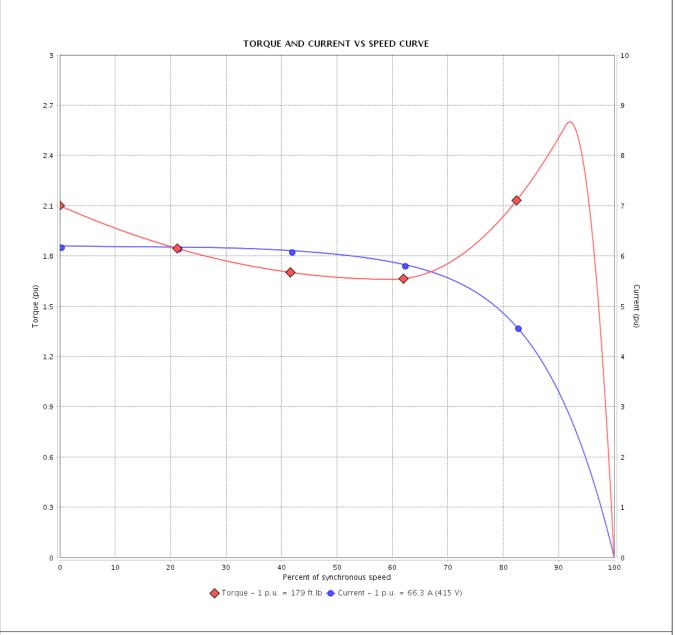
Customer :

Product line : NEMA Premium Efficiency Three- Product of

Phase

Product code: 11438075

Catalog #: 05018ET3E326TC-W22



Performance : 415 V 50 Hz 4P IE2 Rated current : 66.3 A Moment of inertia (J) : 9.16 sq.ft.lb **LRC** : 6.2 Duty cycle : Cont.(S1) Insulation class Rated torque : 179 ft.lb : F Service factor Locked rotor torque : 210 % : 1.00 Breakdown torque : 260 % Temperature rise : 105 K Rated speed : 1470 rpm Design : B

Locked rotor time : 19s (cold) 11s (hot)

Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	12/04/2022			8 / 36	

Three Phase Induction Motor - Squirrel Cage

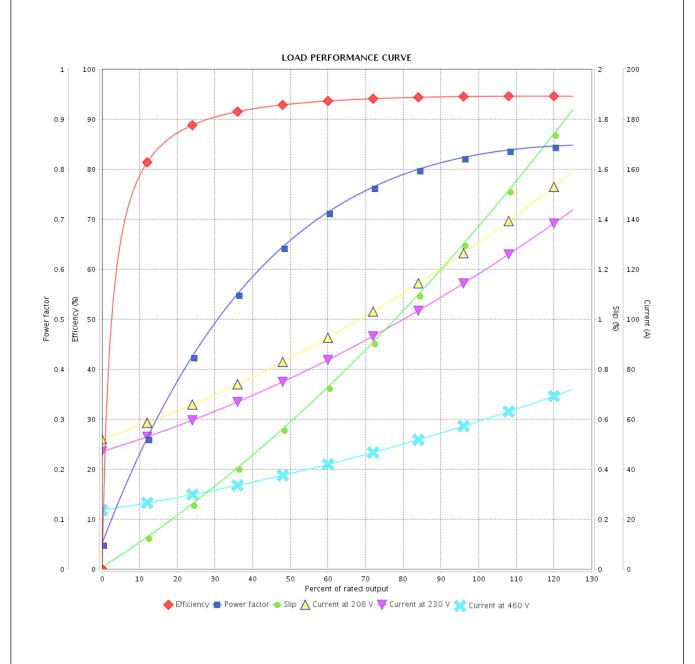


Customer

Product line : NEMA Premium Efficiency Three- Product code : 11438075

Phase

Catalog #: 05018ET3E326TC-W22



Performance	: 2	230/460 V 60 Hz 4P				
Rated current :		118/59.2 A	Moment o	f inertia (J)	: 9.16 sq.ft.lb	
LRC	: (6.2	Duty cycle	;	: Cont.(S1)	
Rated torque	:	148 ft.lb	Insulation	class	: F	
Locked rotor torqu	ue ::	229 %	Service fa	ctor	: 1.25	
Breakdown torque	e ::	270 %	Temperature rise		: 80 K	
Rated speed	:	1775 rpm	Design		: B	
Rev.		Changes Summar	у	Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	12/04/2022				9 / 36	

Three Phase Induction Motor - Squirrel Cage



Customer :

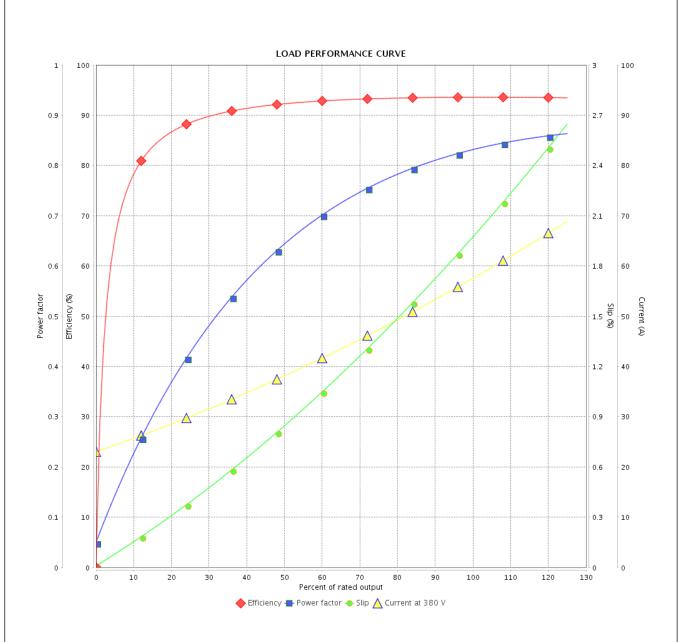
Product line : NEMA Premium Efficiency Three- Product

Phase

Product code: 11438075

Catalog #: 05018ET3E326TC-W22

10/36



Performance	: 380 V 50 Hz 4P IE3				
Rated current LRC Rated torque Locked rotor torque	: 58.7 A : 6.4 : 143 ft.lb : 229 %	Duty cycle : Cont.(S1) Insulation class : F Service factor : 1.00 Temperature rise : 80 K			
Breakdown torque Rated speed	: 260 % : 1470 rpm			: 80 K	
Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by				Page	Revision

12/04/2022

Date

Three Phase Induction Motor - Squirrel Cage

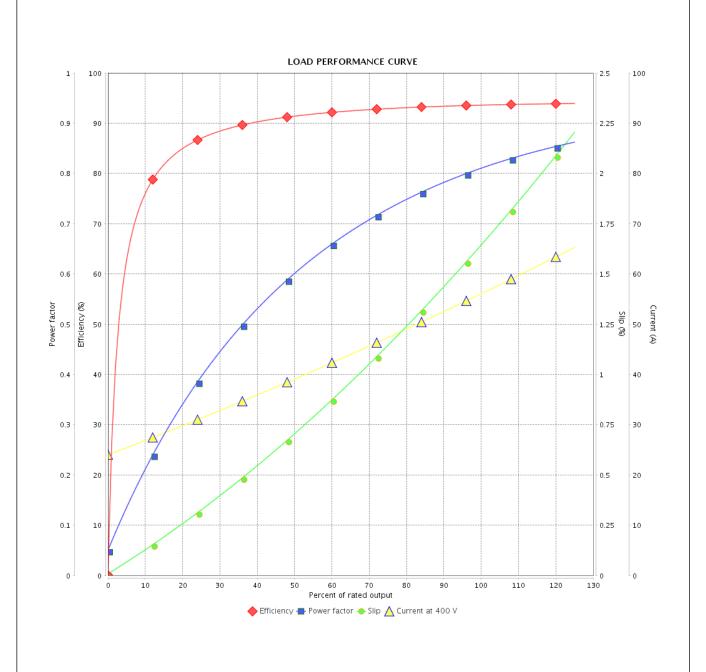


Customer

Product line : NEMA Premium Efficiency Three- Product code : 11438075

Phase

Catalog #: 05018ET3E326TC-W22



Performance	: 40	00 V 50 Hz 4P IE3				
Rated current	: 5	7.1 A	1 A Moment of inertia (J)		: 9.16 sq.ft.lb	
LRC	: 7.	.0	Duty cycle	;	: Cont.(S1)	
Rated torque	: 14	42 ft.lb	Insulation	class	: F	
Locked rotor torqu	ie : 2	50 %	Service fa	Service factor		
Breakdown torque	: 30	00 %	Temperati	Temperature rise		
Rated speed : 1475 rpm		475 rpm	Design		: B	
Rev.		Changes Summary	/	Performed	Checked	Date
Performed by						
,		_				
Checked by					Page	Revision
Date	12/04/2022	1			11 / 36	

Three Phase Induction Motor - Squirrel Cage



Customer :

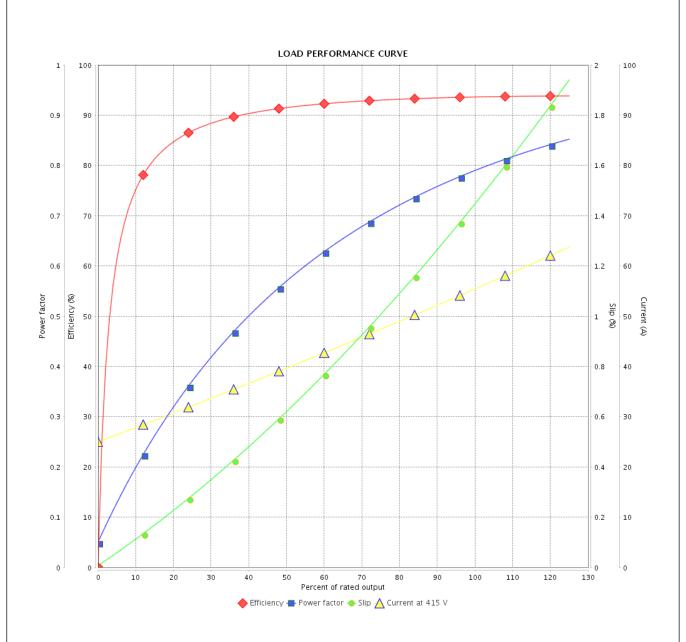
Product line : NEMA Premium Efficiency Three-

Phase

Product code: 11438075

Catalog #: 05018ET3E326TC-W22

12/36



Performance	: 415 V 50 Hz 4P IE3	: 415 V 50 Hz 4P IE3			
Rated current	: 56.4 A	Moment of inertia (J)		: 9.16 sq.ft.lb	
LRC	: 7.4	Duty cycle		: Cont.(S1)	
Rated torque	: 142 ft.lb	Insulation class		: F	
Locked rotor torque : 260 %		Service factor		: 1.00	
Breakdown torque	: 330 %	Temperature rise Design		: 80 K	
Rated speed	: 1478 rpm			: B	
Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by				Page	Revision

12/04/2022

Date

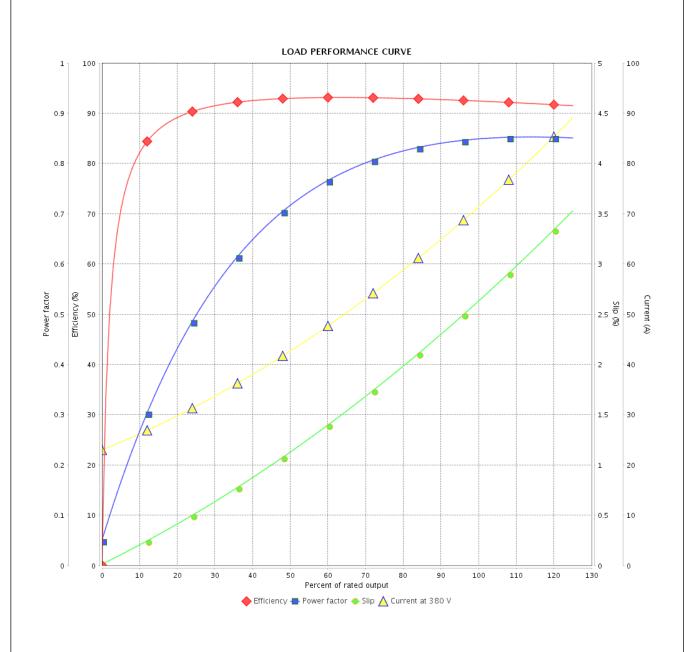
Three Phase Induction Motor - Squirrel Cage



Customer

Product line : NEMA Premium Efficiency Three-Product code: 11438075

Catalog #: 05018ET3E326TC-W22



Performance	: 3	80 V 50 Hz 4P IE1				
Rated current LRC Rated torque Locked rotor torque Breakdown torque	: 5 : 1 e : 1 : 2	80 ft.lb 80 % 10 %	Duty cycle Insulation Service fa Temperatu	class ctor	: 9.16 sq.ft.lb : Cont.(S1) : F : 1.00 : 105 K	
Rated speed	: 1	460 rpm	Design		: B	
Rev.		Changes Summary	'	Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	12/04/2022				13 / 36	

Three Phase Induction Motor - Squirrel Cage



Customer :

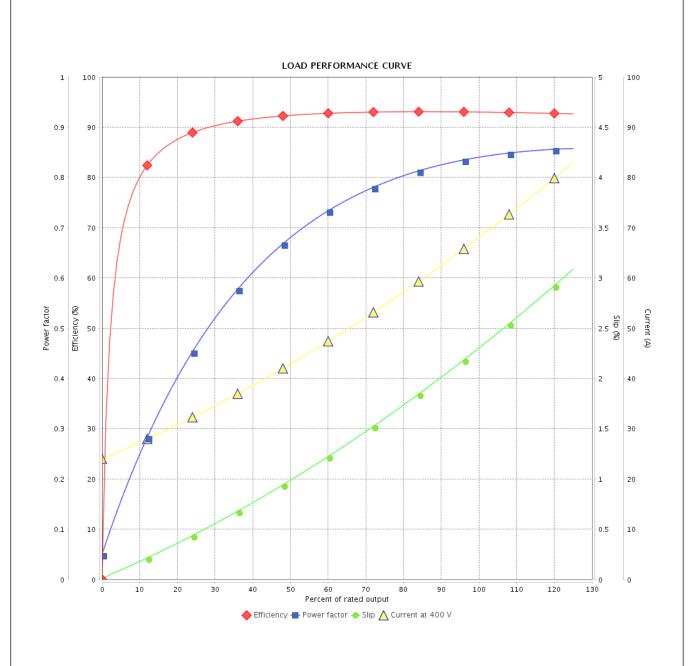
Product line : NEMA Premium Efficiency Three- Product code :

Phase

Catalog #: 05018ET3E326TC-W22

11438075

14/36



Performance	: 40	00 V 50 Hz 4P IE2				
Rated current LRC Rated torque Locked rotor tord Breakdown torqu Rated speed	: 5. : 17 que : 20 ue : 24	3.4 A 8 79 ft.lb 00 % 40 % 465 rpm	Moment of Duty cycle Insulation Service fa Temperate Design	class ctor	: 9.16 sq.ft.lb : Cont.(S1) : F : 1.00 : 105 K : B	
Rev.		Changes Summary	,	Performed	Checked	Date
		1				
Performed by						
Checked by					Page	Revision

12/04/2022

Date

Three Phase Induction Motor - Squirrel Cage

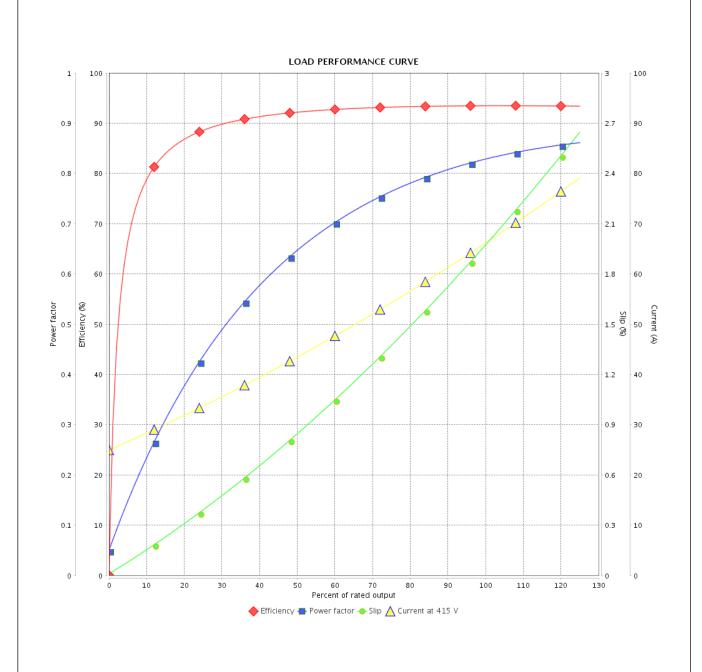


Customer

Product line : NEMA Premium Efficiency Three- Product code : 11438075

Phase

Catalog #: 05018ET3E326TC-W22



Performance	: 4	15 V 50 Hz 4P IE2				
Rated current	: 6	6.3 A	.3 A Moment of inertia (J)		: 9.16 sq.ft.lb	
LRC	: 6	.2	Duty cycle)	: Cont.(S1)	
Rated torque	: 1	79 ft.lb	Insulation	class	: F	
Locked rotor torqu	ie : 2	10 %	Service fa	Service factor		
Breakdown torque	: 2	60 %	Temperature rise		: 105 K	
Rated speed	: 1	470 rpm	Design		: B	
Rev.		Changes Summary	1	Performed	Checked	Date
		1				
Performed by						
Checked by					Page	Revision
Date	12/04/2022	1			15 / 36	

Three Phase Induction Motor - Squirrel Cage

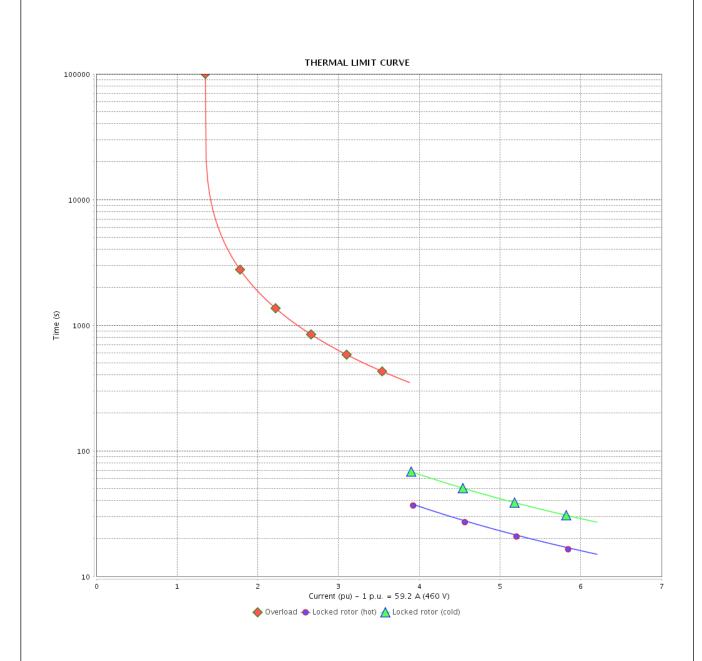


Customer		:				
Product line		: NEMA Premium Efficiency	Three-	Product code :	11438075	
		Phase		Catalog # :	05018ET3E3	26TC-W22
Performance		230/460 V 60 Hz 4P				
Rated current LRC Rated torque Locked rotor toro Breakdown torqu Rated speed	: : : : : : : : :	118/59.2 A 6.2 148 ft.lb 229 % 270 % 1775 rpm	Moment o Duty cycle Insulation Service fa Temperate Design	class ctor	: 9.16 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B	
Heating constant					· -	
Cooling constant						
Rev.		Changes Summary		Performed	Checked	Date
Performed by Checked by					Page	Revision
Date	12/04/2022				16 / 36	TOVISION

Three Phase Induction Motor - Squirrel Cage



Customer :



Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	12/04/2022			17 / 36	

Three Phase Induction Motor - Squirrel Cage

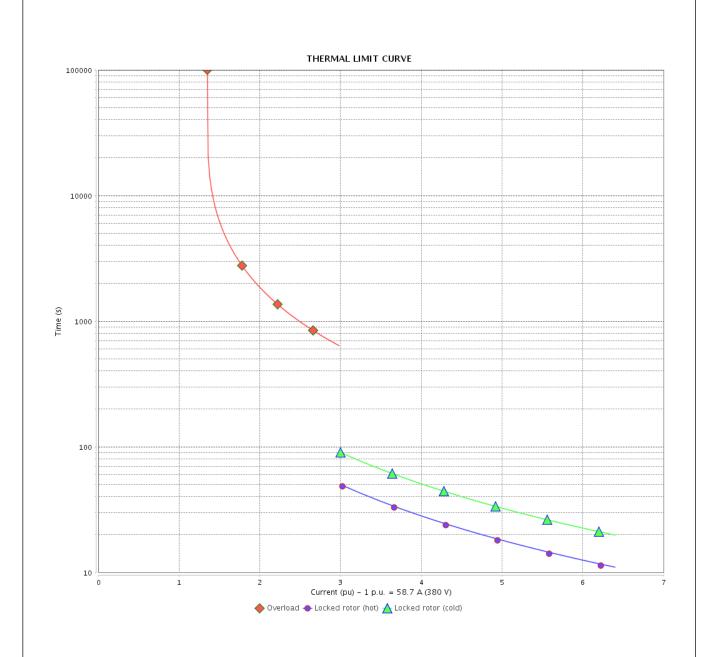


Customer		:				
Product line		: NEMA Premium Efficiency Phase		Product code : Catalog # :	11438075 05018ET3E32	26TC-W22
Performance		: 380 V 50 Hz 4P IE3				
Rated current LRC		: 58.7 A : 6.4	Moment of Duty cycle	of inertia (J) e	: 9.16 sq.ft.lb : Cont.(S1)	
Rated torque		: 143 ft.lb : 229 %	Insulation Service fa	class	: F : 1.00	
Locked rotor tord Breakdown torqu		. 229 % : 260 %	Temperat		: 80 K	
Rated speed		: 1470 rpm	Design		: B	
Heating constan						
Cooling constant	Ţ.	Changes Summers		Performed	Checked	Date
r\ev.		Changes Summary		renomea	CHECKEG	Dale
Performed by						
Checked by					Page	Revision
Date	12/04/2022				18 / 36	

Three Phase Induction Motor - Squirrel Cage



Customer



Rev.		Changes Summary	Performed	Checked	Date
Performed by			·		
Checked by				Page	Revision
Date	12/04/2022			19 / 36	

Three Phase Induction Motor - Squirrel Cage

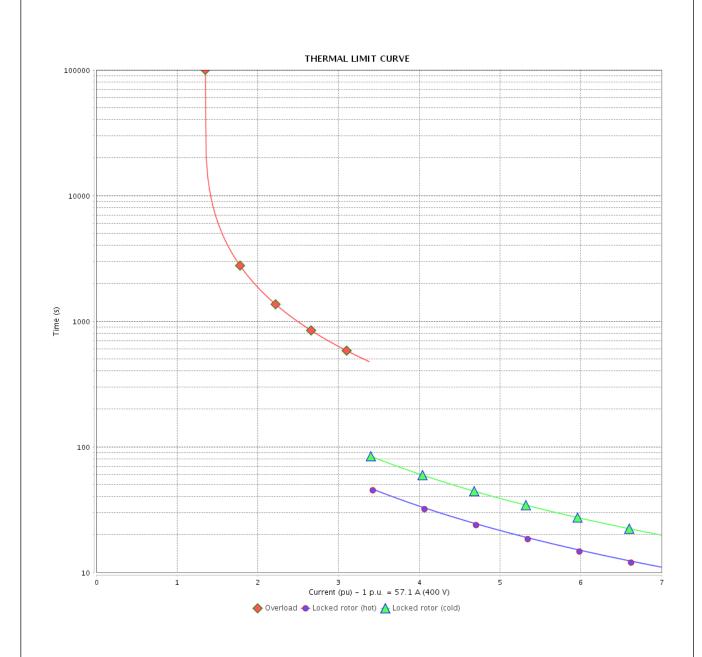


Customer	:				
Product line	: NEMA Premium Efficiency ⁻ Phase		Product code : Catalog # :	11438075 05018ET3E32	26TC-W22
	: 400 V 50 Hz 4P IE3				
LRC Rated torque	: 57.1 A : 7.0 : 142 ft.lb : 250 %	Moment of Duty cycle Insulation Service factors	class	: 9.16 sq.ft.lb : Cont.(S1) : F : 1.00	
Breakdown torque	: 300 % : 300 % : 1475 rpm	Temperatu Design		: 80 K : B	
Heating constant					
Cooling constant Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by				Page	Revision

Three Phase Induction Motor - Squirrel Cage



Customer



Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	12/04/2022			21 / 36	

Three Phase Induction Motor - Squirrel Cage

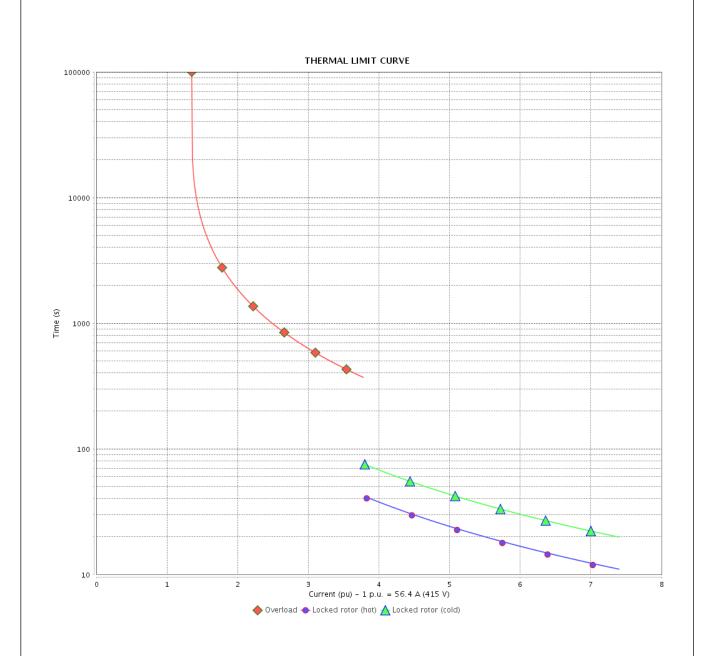


Customer	:				
Cusionici	•				
Product line	: NEMA Premium Efficiency Phase	Three-	Product code :	11438075	
	i ilasc	(Catalog # :	05018ET3E32	26TC-W22
Performance	: 415 V 50 Hz 4P IE3		e	0.10 5.11	
Rated current LRC	: 56.4 A : 7.4	Moment of Duty cycle	f inertia (J)	: 9.16 sq.ft.lb : Cont.(S1)	
Rated torque	: 142 ft.lb	Insulation	class	: F	
Locked rotor torque	: 260 %	Service fa		: 1.00	
Breakdown torque Rated speed	: 330 % : 1478 rpm	Temperatu Design	ire rise	: 80 K : B	
Heating constant					
Cooling constant				· · · · · · · · · · · · · · · · · · ·	
Rev.	Changes Summary		Performed	Checked	Date
	I				
Performed by				_	
Checked by	20			Page	Revision
Data 12/04/201	22		I	22 / 26	

Three Phase Induction Motor - Squirrel Cage



Customer



Rev.	Changes Summary Performed			Checked	Date
Performed by					
Checked by				Page	Revision
Date	12/04/2022			23 / 36	

Three Phase Induction Motor - Squirrel Cage

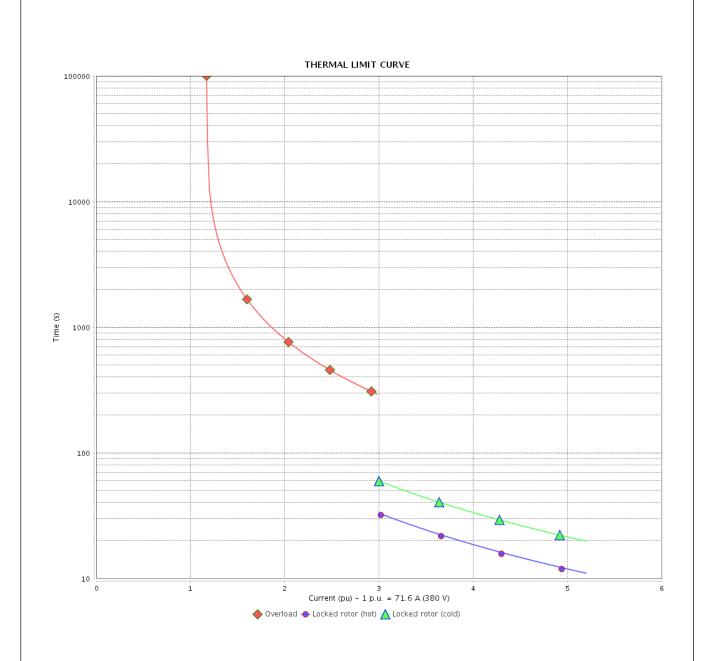


Customer		:				
Product line		: NEMA Premium Efficiency Phase		Product code : Catalog # :	11438075 05018ET3E32	26TC-W22
Performance	:	380 V 50 Hz 4P IE1				
Rated current LRC		71.6 A 5.2	Moment of Duty cycle	of inertia (J)	: 9.16 sq.ft.lb : Cont.(S1)	
Rated torque	:	180 ft.lb	Insulation	class	: F	
Locked rotor torq Breakdown torqu		180 % 210 %	Service fa Temperati		: 1.00 : 105 K	
Rated speed		1460 rpm	Design		: B	
Heating constant						
Cooling constant Rev.		Changes Summary		Performed	Checked	Date
Performed by					'	
Checked by	12/04/2022				Page 24 / 36	Revision

Three Phase Induction Motor - Squirrel Cage



Customer



Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	12/04/2022			25 / 36	

Three Phase Induction Motor - Squirrel Cage

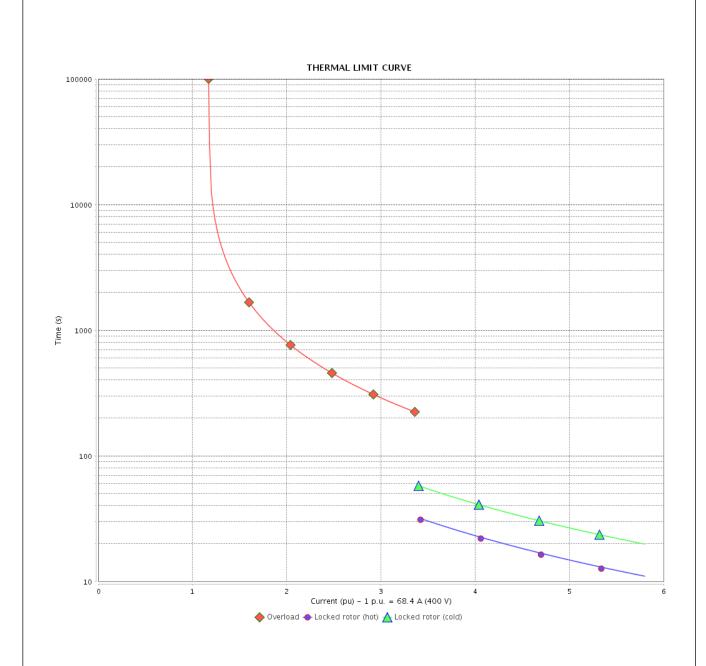


Customer	:				
Product line	: NEMA Premium Efficiency	Three-	Product code :	11438075	
	Phase		Catalog # :	05018ET3E3	DETC M/22
			Catalog # .	05016E13E3	2010-7722
Performance	: 400 V 50 Hz 4P IE2	1			
Rated current	: 68.4 A : 5.8	Moment o	f inertia (J)	: 9.16 sq.ft.lb	
LRC Rated torque	: 5.8 : 179 ft.lb	Duty cycle Insulation	; class	: Cont.(S1) : F	
Locked rotor torque	: 200 %	Service fa	ctor	: 1.00	
Breakdown torque Rated speed	: 240 % : 1465 rpm	Temperatu Design	ure rise	: 105 K : B	
Heating constant	<u> </u>				
Cooling constant					
Rev.	Changes Summary	1	Performed	Checked	Date
Performed by					
Checked by				Page	Revision

Three Phase Induction Motor - Squirrel Cage



Customer



Rev.	Changes Summary Performed			Checked	Date
Performed by					
Checked by				Page	Revision
Date	12/04/2022			27 / 36	

Three Phase Induction Motor - Squirrel Cage

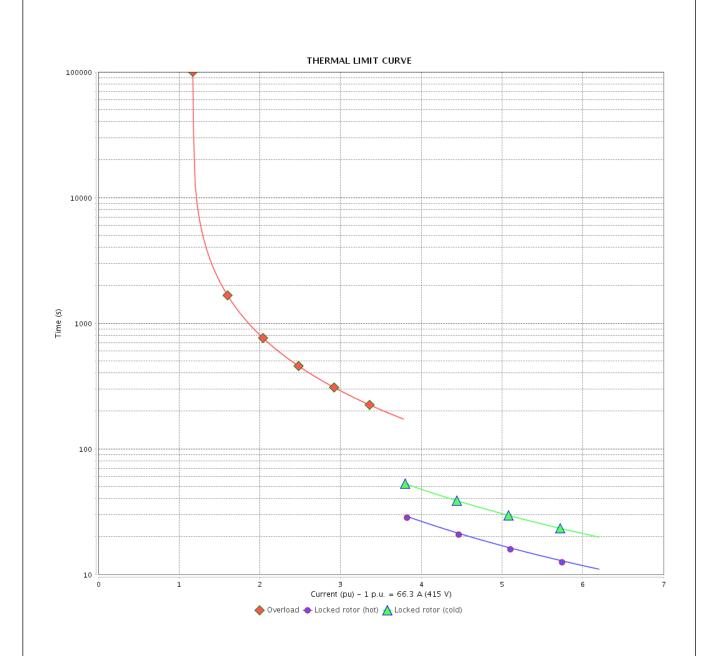


Customer		:				
Product line		: NEMA Premium Efficiency Phase		Product code : Catalog # :	11438075 05018ET3E32	26TC-W22
Performance		: 415 V 50 Hz 4P IE2	I			
Rated current LRC		: 66.3 A : 6.2	Moment of Duty cycle	of inertia (J) e	: 9.16 sq.ft.lb : Cont.(S1)	
Rated torque		: 179 ft.lb : 210 %	Insulation Service fa	class	: F : 1.00	
Locked rotor tord Breakdown torqu		: 260 %	Temperat		: 1.00 : 105 K	
Rated speed		: 1470 rpm	Design		: B	
Heating constan						
Cooling constant	Ţ	Changes Summers		Performed	Checked	Date
r\ev.		Changes Summary		renomea	CHECKED	Dale
Performed by						
Checked by					Page	Revision
Date	12/04/2022				28 / 36	

Three Phase Induction Motor - Squirrel Cage



Customer



Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	12/04/2022			29 / 36	

Three Phase Induction Motor - Squirrel Cage



Customer :

Checked by

Date

12/04/2022

Product line : NEMA Premium Efficiency Three-

Phase

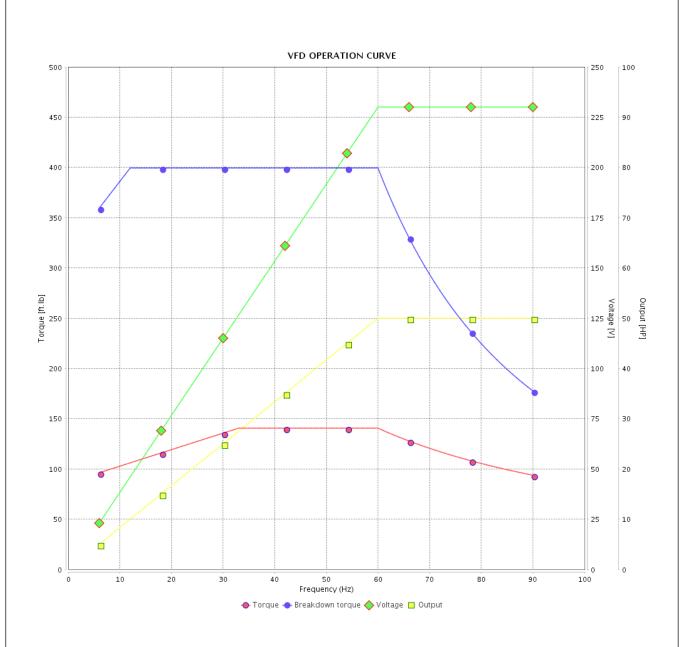
Product code: 11438075

Catalog #: 05018ET3E326TC-W22

Page

30 / 36

Revision



Performance : 230/460 V 60 Hz 4P : 118/59.2 A Rated current Moment of inertia (J) : 9.16 sq.ft.lb **LRC** : 6.2 Duty cycle : Cont.(S1) Insulation class : 148 ft.lb : F Rated torque Locked rotor torque : 229 % Service factor : 1.25 Breakdown torque : 270 % Temperature rise : 80 K Rated speed : 1775 rpm Design : B Rev. Performed Checked Date **Changes Summary** Performed by

Three Phase Induction Motor - Squirrel Cage



Customer

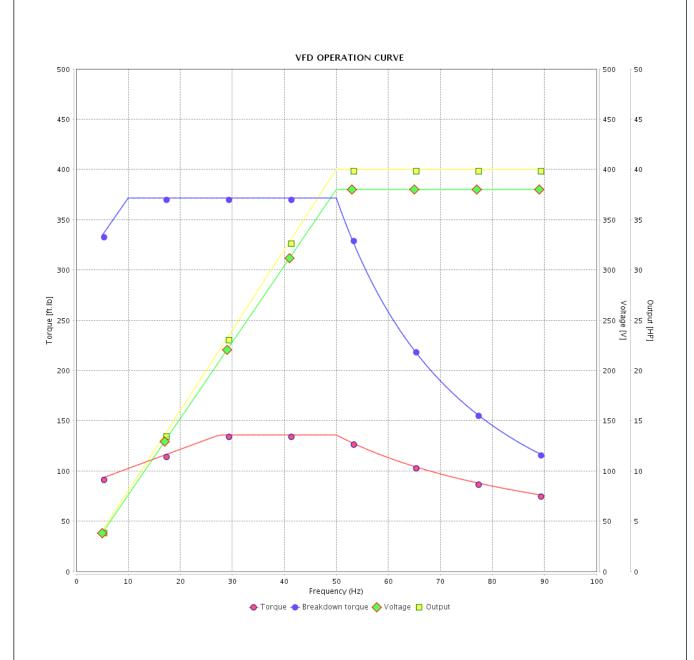
Product line : NEMA Premium Efficiency Three- Product code :

Phase

Catalog #: 05018ET3E326TC-W22

11438075

31 / 36



Performance	: 380 V 50 Hz 4P IE3				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 58.7 A Moment of inertia (J) : 9.16 strength : 6.4 Duty cycle : Cont. : 143 ft.lb Insulation class : F : 229 % Service factor : 1.00 : 260 % Temperature rise : 80 K : 1470 rpm Design : B		Duty cycle Insulation class Service factor Temperature rise		
Rev.	Changes Summary	Changes Summary		Checked	Date
Performed by					
Checked by				Page	Revision

12/04/2022

Date

Three Phase Induction Motor - Squirrel Cage



Revision

Page

32 / 36

Customer :

Checked by

Date

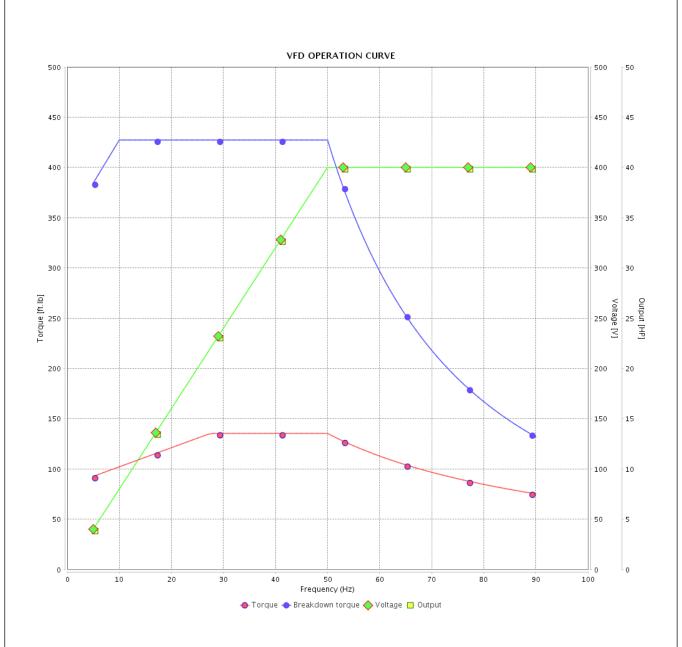
12/04/2022

Product line : NEMA Premium Efficiency Three-

Phase

Product code: 11438075

Catalog #: 05018ET3E326TC-W22



Performance : 400 V 50 Hz 4P IE3 Rated current : 57.1 A Moment of inertia (J) : 9.16 sq.ft.lb **LRC** : 7.0 Duty cycle : Cont.(S1) Insulation class : 142 ft.lb : F Rated torque Locked rotor torque : 250 % Service factor : 1.00 Breakdown torque : 300 % Temperature rise : 80 K Rated speed : 1475 rpm Design : B Rev. Performed Checked **Changes Summary** Date Performed by

Three Phase Induction Motor - Squirrel Cage



Customer

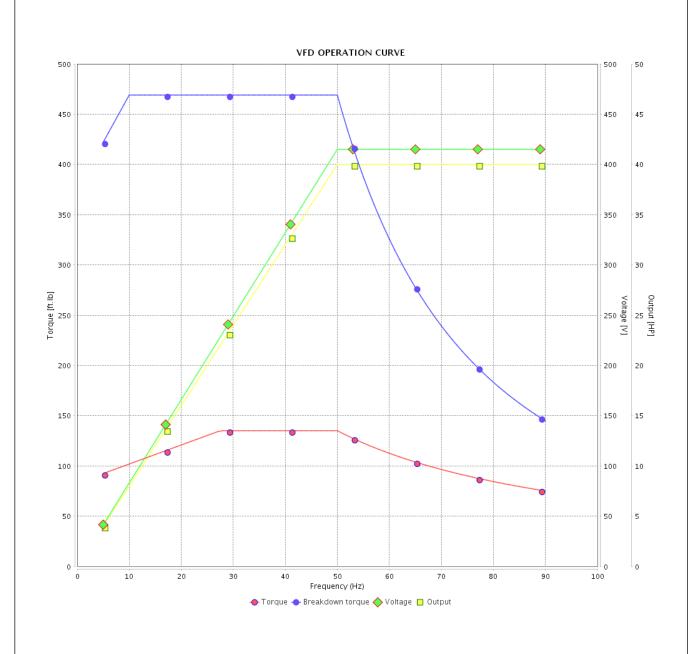
Product line : NEMA Premium Efficiency Three- Product code :

Phase

Product code: 11438075

Catalog #: 05018ET3E326TC-W22

33 / 36



Performance	: 415 V 50 Hz 4P IE3				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 56.4 A : 7.4 : 142 ft.lb : 260 % : 330 % : 1478 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 9.16 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B	
Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by				Page	Revision

12/04/2022

Date

Three Phase Induction Motor - Squirrel Cage



Customer :

Checked by

Date

12/04/2022

Product line : NEMA Premium Efficiency Three-

Phase

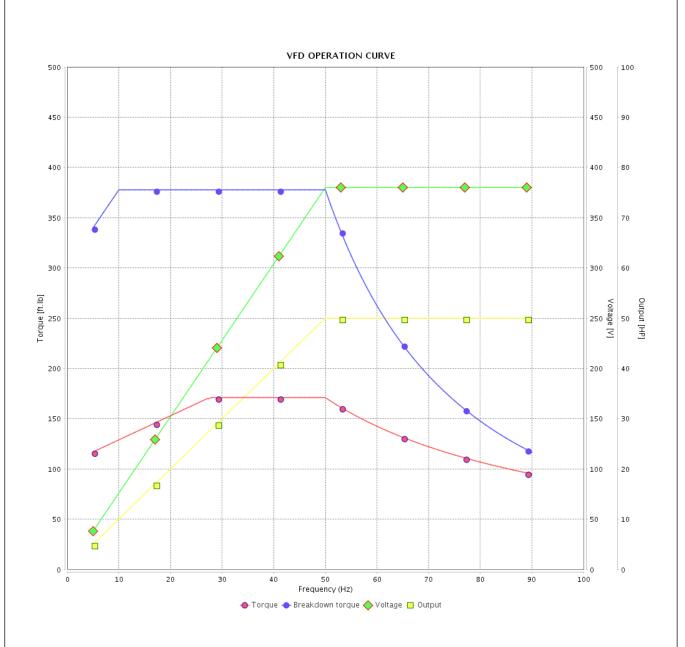
Product code: 11438075

Catalog #: 05018ET3E326TC-W22

Page

34 / 36

Revision



Performance	: 38	80 V 50 Hz 4P IE1				
Rated current LRC Rated torque Locked rotor tord Breakdown torqu Rated speed	: 5. : 18 ue : 18 ue : 2°	1.6 A .2 80 ft.lb 80 % 10 % 460 rpm	Moment of Duty cycle Insulation Service fa Temperate Design	class ctor	: 9.16 sq.ft.lb : Cont.(S1) : F : 1.00 : 105 K : B	
Rev.		Changes Summary		Performed	Checked	Date
Performed by						

Three Phase Induction Motor - Squirrel Cage

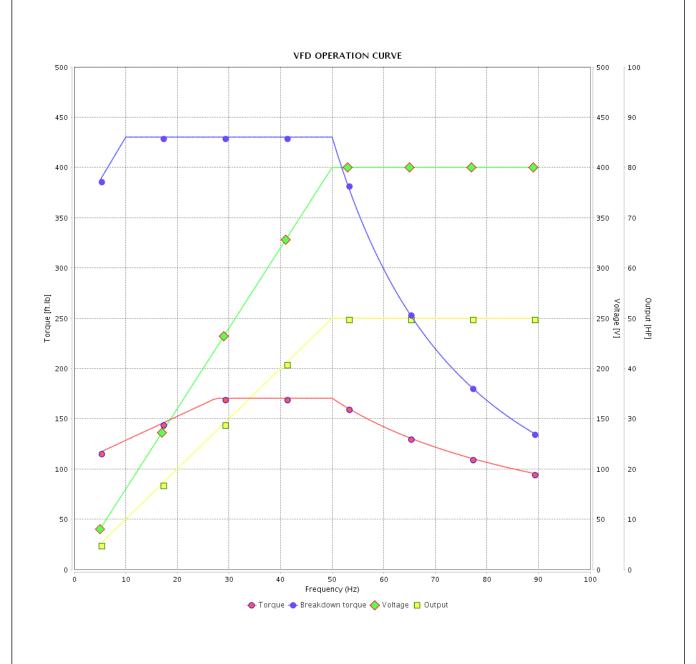


Customer

Product line : NEMA Premium Efficiency Three- Product code : 11438075

Phase

Catalog #: 05018ET3E326TC-W22



Performance	:	400 V 50 Hz 4P IE2				
Rated current		68.4 A	Moment o	f inertia (J)	: 9.16 sq.ft.lb	
LRC	:	5.8	Duty cycle)	: Cont.(S1)	
Rated torque	:	179 ft.lb	Insulation	class	:F	
Locked rotor torque	e :	200 %	Service fa	ctor	: 1.00	
Breakdown torque	:	240 %	Temperati	Temperature rise		
Rated speed	:	1465 rpm	Design		: B	
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Data	12/04/2022				35 / 36	

Three Phase Induction Motor - Squirrel Cage



Customer :

Checked by

Date

12/04/2022

Product line : NEMA Premium Efficiency Three- Product code :

Phase

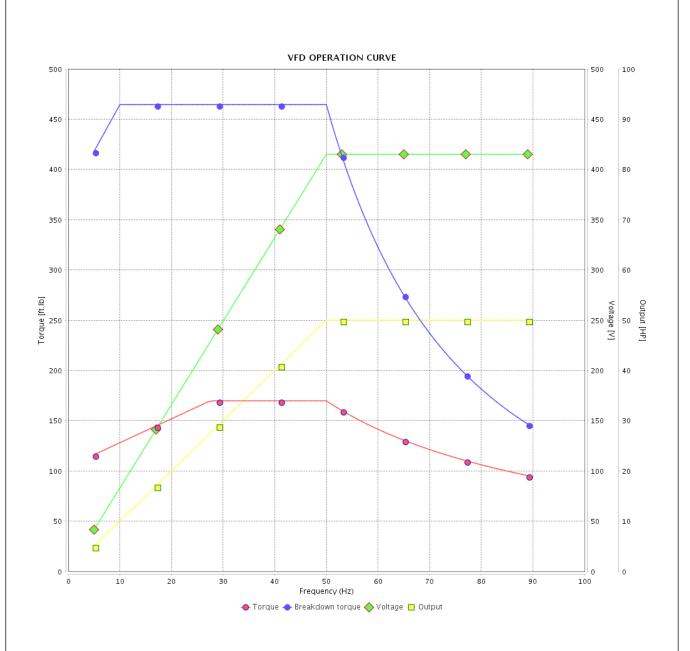
Catalog #: 05018ET3E326TC-W22

Page

36 / 36

Revision

11438075



Performance : 415 V 50 Hz 4P IE2 Rated current : 66.3 A Moment of inertia (J) : 9.16 sq.ft.lb **LRC** Duty cycle : Cont.(S1) : 6.2 : 179 ft.lb Insulation class : F Rated torque Locked rotor torque : 210 % Service factor : 1.00 Breakdown torque : 260 % Temperature rise : 105 K Rated speed : 1470 rpm Design : B Rev. Performed Checked Date **Changes Summary** Performed by

