DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer

Product line : NEMA Premium Efficiency Three-Product code: 11356015

07518ET3G365T-W22 Catalog #:

Frame : 364/5T Cooling method : IC411 - TEFC

Insulation class Mounting : F-1

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

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

Altitude : 1000 m.a.s.l. Approx. weight³ : 923 lb

Protection degree	е	: IP55		Momer	nt of inertia (J)	: 2	3.3 sq.ft.lb	
Design		: B						
Output [HP]		75	60	60	60	75	75	75
Poles		4	4	4	4	4	4	4
Frequency [Hz]		60	50	50	50	50	50	50
Rated voltage [V]		460	380	400	415	380	400	415
Rated current [A]		87.2	88.5	84.9	82.7	106	102	98.7
L. R. Amperes [A]		558	620	637	662	541	571	602
LRC [A]		6.4x(Code	7.0x(Code H)	7.5x(Code J)	8.0x(Code J)	5.1x(Code E)	5.6x(Code F)	6.1x(Code
		G)						G)
No load current [A]]	33.0	33.0	35.0	38.0	33.0	35.0	38.0
Rated speed [RPN	1]	1780	1480	1480	1485	1470	1475	1480
Slip [%]		1.11	1.33	1.33	1.00	2.00	1.67	1.33
Rated torque [ft.lb]		221	213	213	212	268	267	266
Locked rotor torqu	e [%]	240	210	240	260	170	200	210
Breakdown torque	[%]	260	250	280	310	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		25s (cold)	18s (cold)	18s (cold)	18s (cold)	18s (cold)	18s (cold)	18s (cold)
		14s (hot)	10s (hot)	10s (hot)	10s (hot)	10s (hot)	10s (hot)	10s (hot)
Noise level ²		67.0 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%	94.0	93.6	93.3	93.0	94.8	94.7	94.0
Efficiency (%)	50%	94.5	93.7	93.6	93.5	94.5	94.5	94.1
Lincicity (70)	75%	95.0	94.2	94.2	94.2	94.1	94.5	94.5
	100%	95.4	94.2	94.4	94.6	93.6	94.1	94.5
	25%	0.44	0.44	0.40	0.37	0.51	0.46	0.43
Power Factor	50%	0.68	0.68	0.64	0.61	0.75	0.70	0.67
I OWEL FACIOI	75%	0.78	0.78	0.75	0.73	0.82	0.80	0.78
	100%	0.83	0.82	0.81	0.80	0.84	0.83	0.82

Drive end Non drive end Foundation loads

6314 C3 Bearing type 6314 C3 Max. traction : 1725 lb Sealing WSeal WSeal : 2648 lb Max. compression

12000 h Lubrication interval 12000 h 27 g Lubricant amount 27 g

Mobil Polyrex EM Lubricant type

Notes

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	13/04/2022			1 / 36	

Three Phase Induction Motor - Squirrel Cage



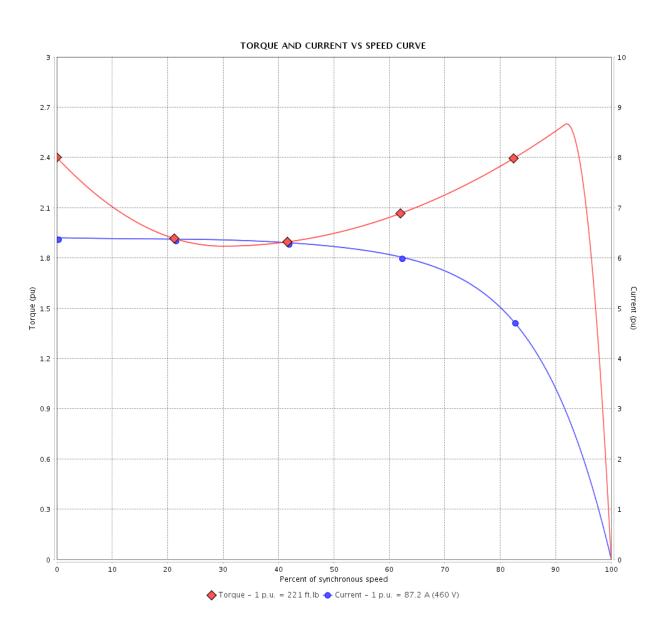
Customer :

Product line : NEMA Premium Efficiency Three- Produ

Phase

Product code: 11356015

Catalog #: 07518ET3G365T-W22



Performance : 460 V 60 Hz 4P Rated current : 87.2 A Moment of inertia (J) : 23.3 sq.ft.lb **LRC** : 6.4 Duty cycle : Cont.(S1) Insulation class Rated torque : 221 ft.lb : F Locked rotor torque : 240 % Service factor : 1.25 Breakdown torque : 260 % Temperature rise : 80 K Rated speed : 1780 rpm Design : B

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

Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	13/04/2022			2 / 36	



Revision

Page

3/36

Three Phase Induction Motor - Squirrel Cage Customer Product line : NEMA Premium Efficiency Three-Product code: 11356015 Catalog #: 07518ET3G365T-W22 TORQUE AND CURRENT VS SPEED CURVE 2.7 2.1 1.8 Current Torque (pu) 1.2 0.6 0.3 Percent of synchronous speed ◆ Torque - 1 p.u. = 213 ft.lb ◆ Current - 1 p.u. = 88.5 A (380 V) Performance : 380 V 50 Hz 4P IE3 Rated current : 88.5 A Moment of inertia (J) : 23.3 sq.ft.lb **LRC** : 7.0 Duty cycle : Cont.(S1) Insulation class Rated torque : 213 ft.lb : F Locked rotor torque : 210 % Service factor : 1.00 Breakdown torque : 250 % Temperature rise : 80 K Rated speed : 1480 rpm Design : B Locked rotor time : 18s (cold) 10s (hot) Performed Checked Date Rev. **Changes Summary**

Performed by Checked by

Date

13/04/2022

Three Phase Induction Motor - Squirrel Cage



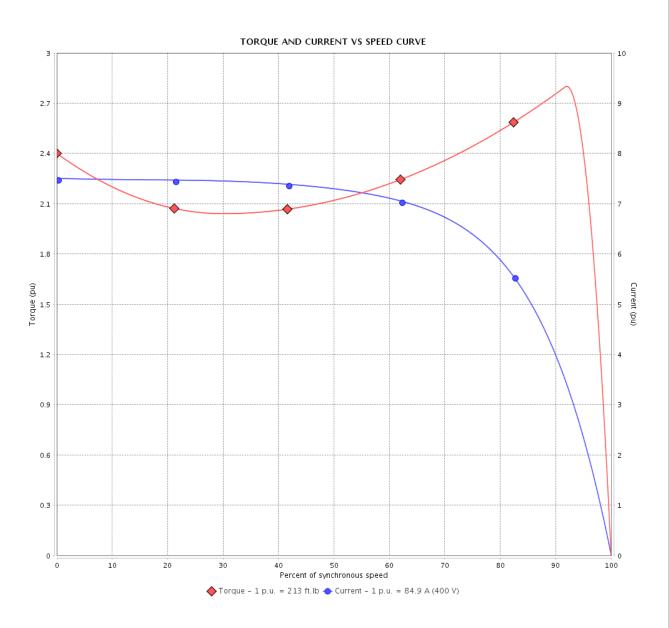
Customer :

Product line : NEMA Premium Efficiency Three-

Phase

Product code: 11356015

Catalog #: 07518ET3G365T-W22



Performance : 400 V 50 Hz 4P IE3 Rated current : 84.9 A Moment of inertia (J) : 23.3 sq.ft.lb **LRC** : 7.5 Duty cycle : Cont.(S1) Insulation class Rated torque : 213 ft.lb : F Service factor Locked rotor torque : 240 % : 1.00 Breakdown torque : 280 % Temperature rise : 80 K Rated speed : 1480 rpm Design : B

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

Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	13/04/2022			4 / 36	



Revision

Page

5/36

Three Phase Induction Motor - Squirrel Cage Customer Product line : NEMA Premium Efficiency Three-Product code: 11356015 Catalog #: 07518ET3G365T-W22 TORQUE AND CURRENT VS SPEED CURVE 4.5 3.5 Current Torque (pu) 0.5 Percent of synchronous speed ◆ Torque - 1 p.u. = 212 ft.lb ◆ Current - 1 p.u. = 82.7 A (415 V) Performance : 415 V 50 Hz 4P IE3 Rated current : 82.7 A Moment of inertia (J) : 23.3 sq.ft.lb **LRC** : 8.0 Duty cycle : Cont.(S1) Insulation class Rated torque : 212 ft.lb : F Locked rotor torque : 260 % Service factor : 1.00 Breakdown torque : 310 % Temperature rise : 80 K Rated speed : 1485 rpm Design : B Locked rotor time : 18s (cold) 10s (hot) Rev. Performed Checked Date **Changes Summary**

Performed by Checked by

Date

13/04/2022

Three Phase Induction Motor - Squirrel Cage



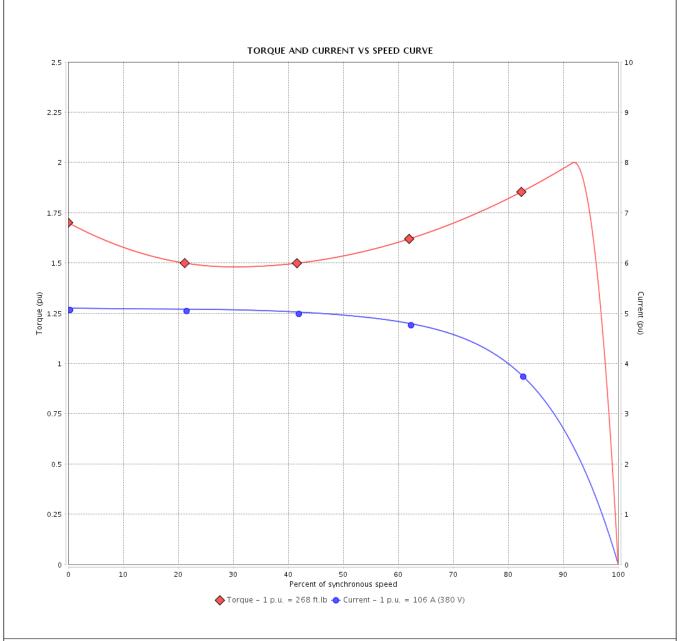
Customer :

Product line : NEMA Premium Efficiency Three- Product code :

Phase

Product code: 11356015

Catalog #: 07518ET3G365T-W22



Performance : 380 V 50 Hz 4P IE2 Rated current : 106 A Moment of inertia (J) : 23.3 sq.ft.lb **LRC** : 5.1 Duty cycle : Cont.(S1) Insulation class Rated torque : 268 ft.lb : F Service factor Locked rotor torque : 170 % : 1.00 Breakdown torque : 200 % Temperature rise : 105 K Rated speed : 1470 rpm Design : B

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

Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	13/04/2022			6 / 36	

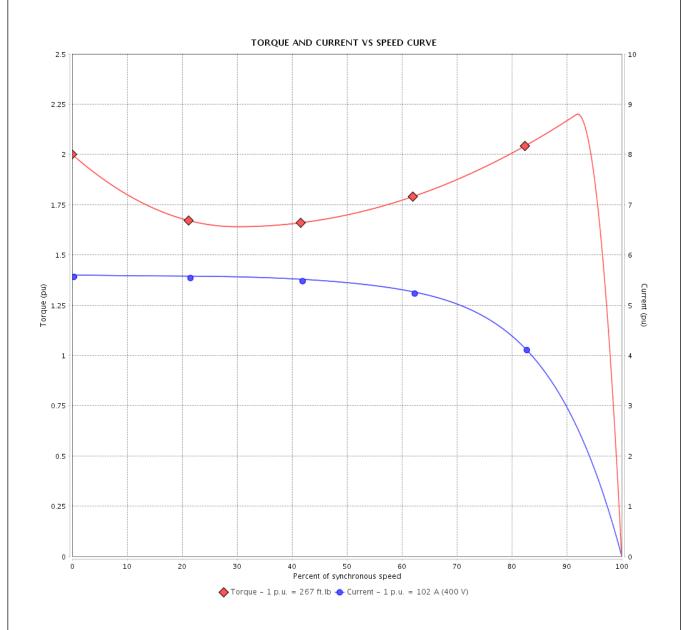
Three Phase Induction Motor - Squirrel Cage



Customer

Product line : NEMA Premium Efficiency Three-Product code: 11356015

Catalog #: 07518ET3G365T-W22



Performance	: 400 V 50 Hz 4P IE2		
Rated current	: 102 A	Moment of inertia (J)	: 23.3 sq.ft.lb
LRC	: 5.6	Duty cycle	: Cont.(S1)
Rated torque	: 267 ft.lb	Insulation class	:F
Locked rotor torque	: 200 %	Service factor	: 1.00
Breakdown torque	: 220 %	Temperature rise	: 105 K
Rated speed	: 1475 rpm	Design	: B
Locked rotor time	: 18s (cold) 10s (hot)	I	

LOCKCO TOTOL TITLE	. 1	33 (cold) 103 (110t)			
Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	13/04/2022			7 / 36	

Three Phase Induction Motor - Squirrel Cage



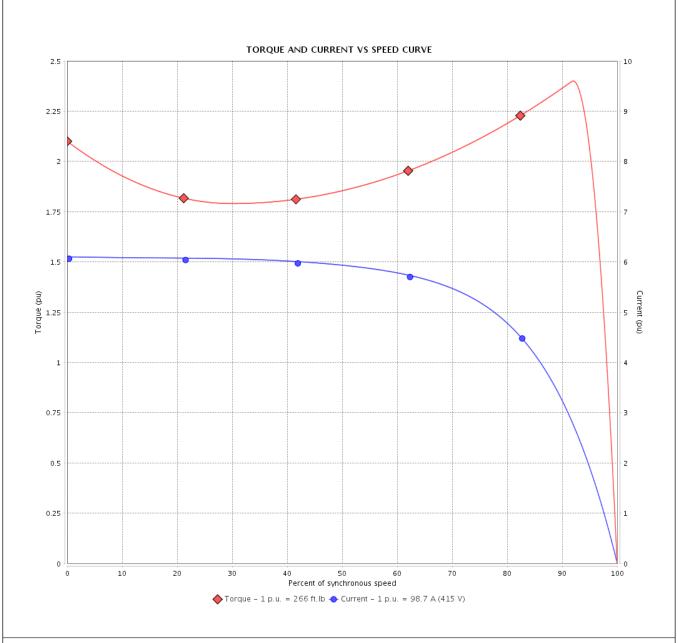
Customer :

Product line : NEMA Premium Efficiency Three- Product

Phase

Product code: 11356015

Catalog #: 07518ET3G365T-W22



Performance : 415 V 50 Hz 4P IE2 Rated current : 98.7 A Moment of inertia (J) : 23.3 sq.ft.lb **LRC** : 6.1 Duty cycle : Cont.(S1) Insulation class Rated torque : 266 ft.lb : F Service factor Locked rotor torque : 210 % : 1.00

Breakdown torque : 240 % Temperature rise : 105 K Rated speed : 1480 rpm Design : B

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

Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	13/04/2022			8 / 36	

Three Phase Induction Motor - Squirrel Cage

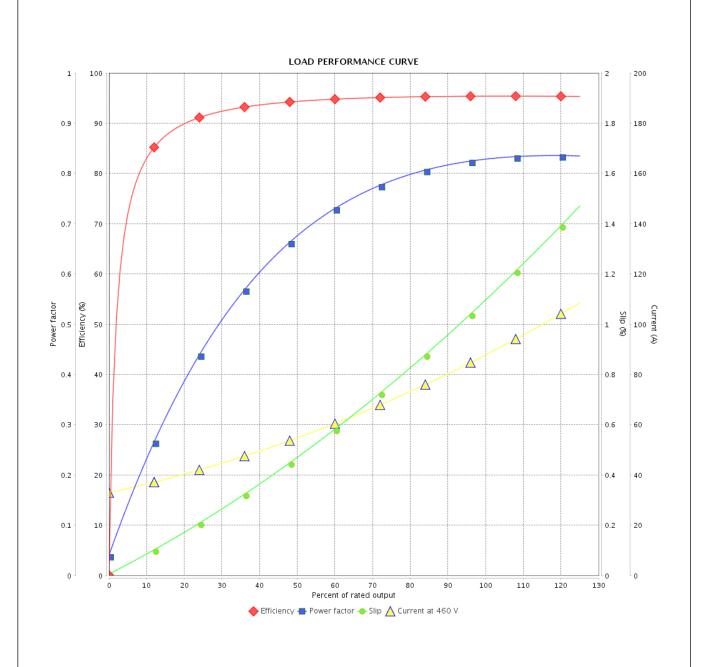


Customer

Product line : NEMA Premium Efficiency Three- Product code : 11356015

Phase

Catalog #: 07518ET3G365T-W22



Performance	: 4	60 V 60 Hz 4P				
Rated current LRC	: 8 : 6	7.2 A		of inertia (J)	: 23.3 sq.ft.lb	
Rated torque		.4 21 ft.lb	Duty cycle Insulation		: Cont.(S1) : F	
Locked rotor tord	1	40 %	Service fa		: 1.25	
Breakdown torqu		60 %	Temperati	ure rise	: 80 K	
Rated speed	: 1	780 rpm	Design		: B	
Rev.		Changes Summary	1	Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	13/04/2022	1			9 / 36	

Three Phase Induction Motor - Squirrel Cage



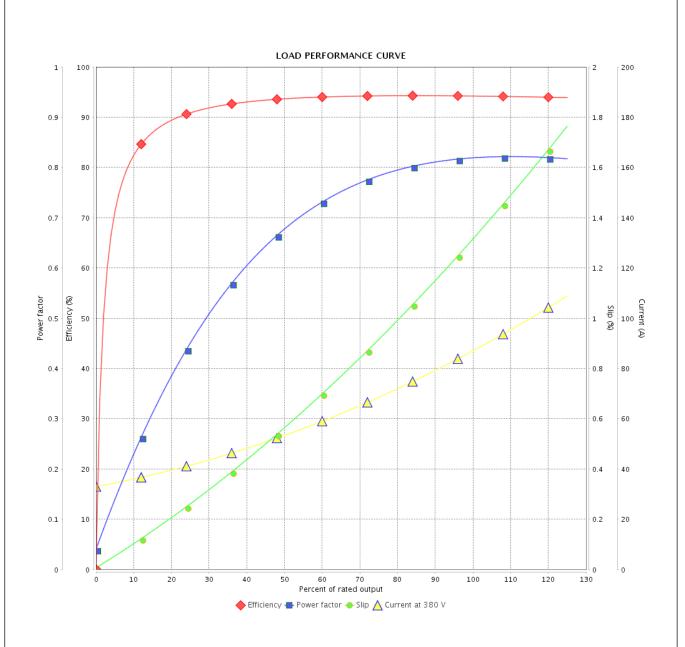
Customer :

Product line : NEMA Premium Efficiency Three- Product line : NEMA Pr

Phase

Product code: 11356015

Catalog #: 07518ET3G365T-W22



Performance	: 38	80 V 50 Hz 4P IE3				
Rated current LRC Rated torque Locked rotor torq Breakdown torqu Rated speed	: 7. : 2 ⁻ ue : 2 ⁻ e : 2!	3.5 A 0 13 ft.lb 10 % 50 % 480 rpm	Moment on Duty cycle Insulation Service fa Temperature	class ctor	: 23.3 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B	
Raieu speeu Rev.	. 14	Changes Summa		Performed	Checked	Date
itev.		Changes Cumma	ı y	1 enomied	Offecked	Date
Performed by						
Checked by					Page	Revision

10/36

13/04/2022

Date

Three Phase Induction Motor - Squirrel Cage



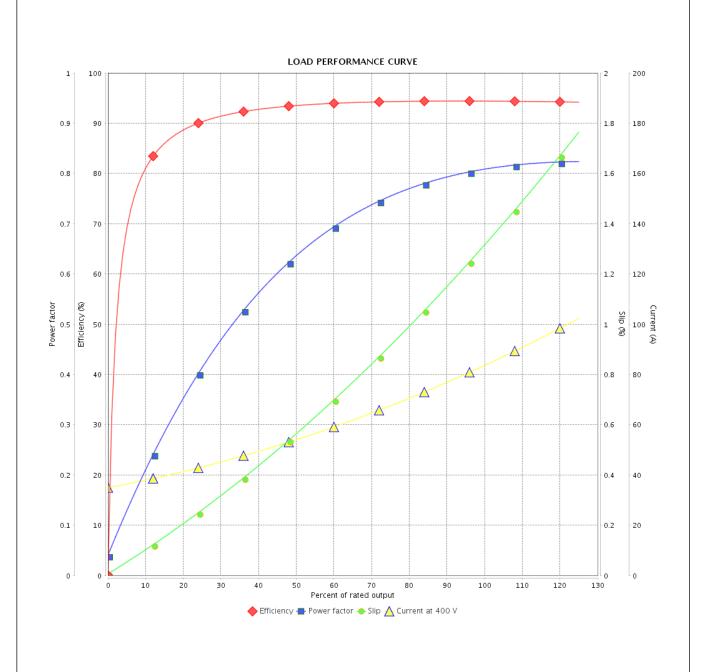
Customer

Product line : NEMA Premium Efficiency Three- Product code :

Phase

Catalog #: 07518ET3G365T-W22

11356015



Performance	: 40	00 V 50 Hz 4P IE3				
Rated current	: 84	: 84.9 A		Moment of inertia (J)		
LRC	: 7.	.5	Duty cycle)	: Cont.(S1)	
Rated torque	: 2	13 ft.lb	Insulation	class	: F	
Locked rotor torqu	ue : 24	40 %	Service fa	ctor	: 1.00	
Breakdown torque	: 28	80 %	Temperati	ıre rise	: 80 K	
Rated speed	: 14	480 rpm	Design		: B	
Rev.		Changes Summary	,	Performed	Checked	Date
		T				
Performed by						
Checked by					Page	Revision
Date	13/04/2022	1			11 / 36	

Three Phase Induction Motor - Squirrel Cage



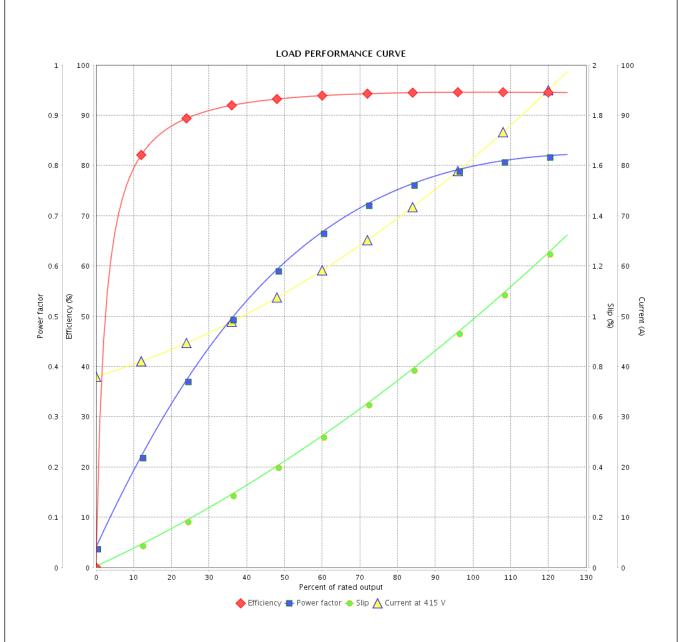
Customer :

Product line : NEMA Premium Efficiency Three- Product line : NEMA Pr

Phase

Product code: 11356015

Catalog #: 07518ET3G365T-W22



Performance	: 415 V 50 Hz 4P IE3						
Rated current	: 82.7 A	Moment of inertia (J)				: 23.3 sq.ft.lb	
LRC	: 8.0	Duty cycle		: Cont.(S1)			
Rated torque	: 212 ft.lb	Insulation cl	ass	: F			
Locked rotor torque	: 260 %	Service factor : 1.00					
Breakdown torque	: 310 %	Temperature rise		: 80 K			
Rated speed	: 1485 rpm	Design		: B			
Rev.	Changes Summary		Performed	Checked	Date		
Performed by							
Checked by				Page	Revision		

12/36

13/04/2022

Date

Three Phase Induction Motor - Squirrel Cage



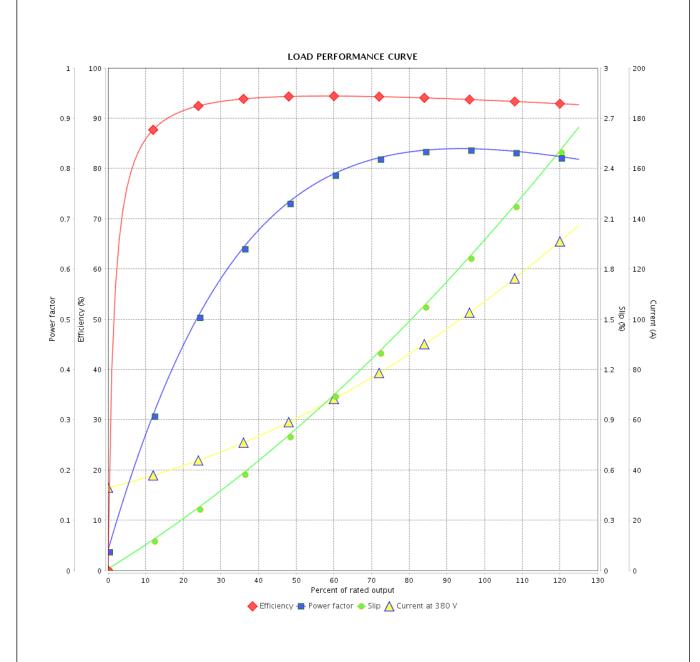
Customer

Product line : NEMA Premium Efficiency Three- Product code : 11356015

Phase

Catalog #: 07518ET3G365T-W22

13 / 36



Performance	: 380 V 50 Hz 4P IE2				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 106 A : 5.1 : 268 ft.lb : 170 % : 200 % : 1470 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 23.3 sq.ft.lb : Cont.(S1) : F : 1.00 : 105 K : B	
Rev.	Changes Summary	Pe	rformed	Checked	Date
Performed by					
Checked by				Page	Revision

13/04/2022

Date

Three Phase Induction Motor - Squirrel Cage



Customer :

Checked by

Date

13/04/2022

Product line : NEMA Premium Efficiency Three- Product

Phase

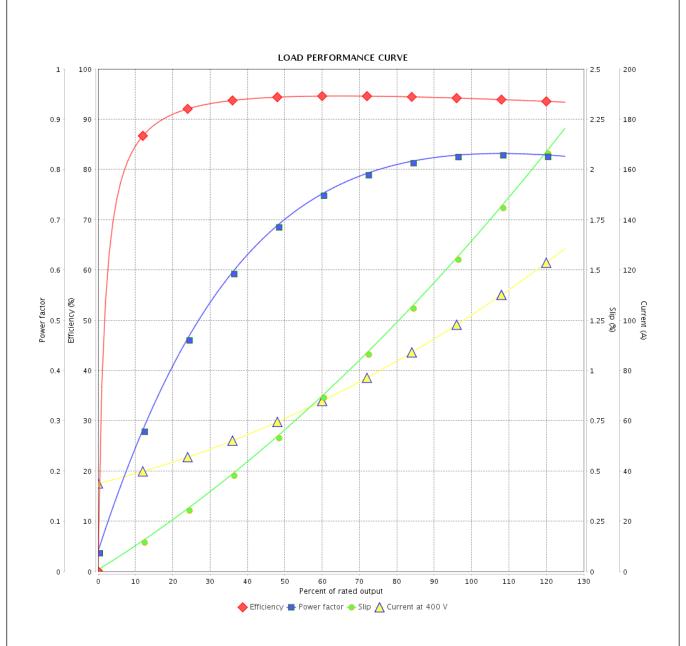
Product code: 11356015

Catalog #: 07518ET3G365T-W22

Page

14/36

Revision



Performance : 400 V 50 Hz 4P IE2 : 102 A Rated current Moment of inertia (J) : 23.3 sq.ft.lb **LRC** : 5.6 Duty cycle : Cont.(S1) : 267 ft.lb Insulation class Rated torque : F Locked rotor torque : 200 % Service factor : 1.00 Breakdown torque : 220 % Temperature rise : 105 K Rated speed : 1475 rpm Design : B Rev. Performed Checked Date **Changes Summary** Performed by

Three Phase Induction Motor - Squirrel Cage



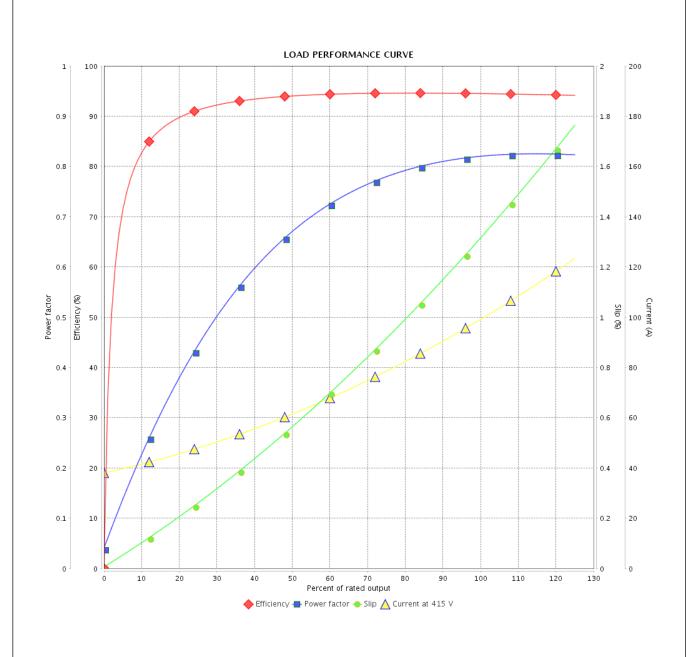
Customer

Product line : NEMA Premium Efficiency Three- Product code :

Phase

Catalog #: 07518ET3G365T-W22

11356015



Performance	erformance : 415 V 50 Hz 4P IE2							
Rated current	: 9	8.7 A	Moment o	f inertia (J)	: 23.3 sq.ft.lb			
LRC	: 6	.1	Duty cycle	;	: Cont.(S1)			
Rated torque	: 2	66 ft.lb	Insulation	class	: F			
Locked rotor torque	e : 2	10 %	Service fa	ctor	: 1.00			
Breakdown torque		40 %	Temperati	Temperature rise				
Rated speed	: 1	80 rpm Design		: 1480 rpm Design			: B	
Rev.		Changes Summar	у	Performed	Checked	Date		
Performed by								
Checked by					Page	Revision		
Date	13/04/2022				15 / 36			

Three Phase Induction Motor - Squirrel Cage

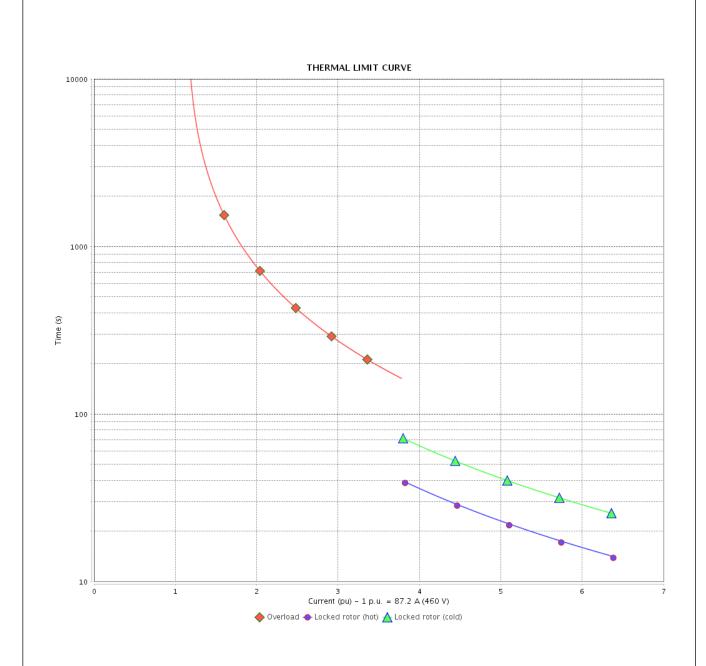


			<u> </u>	
Customer	:			
Product line	: NEMA Premium Efficiency Phase			2057 1400
		Catalog # :	07518ET3G	365T-W22
Performance	: 460 V 60 Hz 4P			
Rated current LRC Rated torque	: 87.2 A : 6.4 : 221 ft.lb	Moment of inertia (J) Duty cycle Insulation class	: 23.3 sq.ft.lb : Cont.(S1) : F	
Locked rotor torque Breakdown torque Rated speed	: 240 % : 260 % : 1780 rpm	Service factor Temperature rise Design	: 1.25 : 80 K : B	
Heating constant				
Cooling constant				
Rev.	Changes Summary	Performed	d Checked	Date
Performed by			'	
Checked by			Page	Revision
Date 13/04/3	2022		16/36	

Three Phase Induction Motor - Squirrel Cage



Customer



Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	13/04/2022			17 / 36	

Three Phase Induction Motor - Squirrel Cage

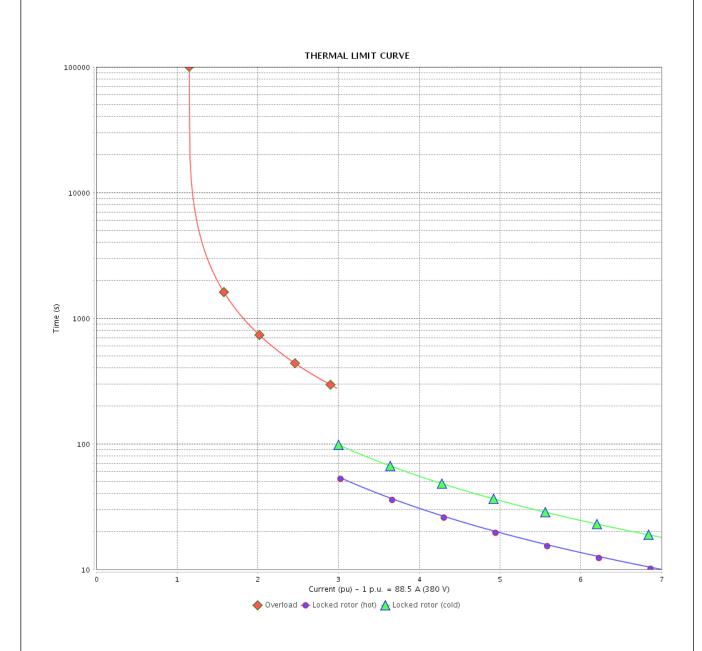


Customer	:			
Product line	: NEMA Premium Efficiency Phase	Three- Product code :	11356015	
	. 1.000	Catalog # :	07518ET3G36	5T-W22
Performance	: 380 V 50 Hz 4P IE3			
Rated current LRC	: 88.5 A : 7.0	Moment of inertia (J)	: 23.3 sq.ft.lb	
Rated torque	: 7.0 : 213 ft.lb	Duty cycle Insulation class	: Cont.(S1) : F	
Locked rotor torque	: 210 %	Service factor	: 1.00	
Breakdown torque	: 250 %	Temperature rise	: 80 K	
Rated speed	: 1480 rpm	Design	: B	
Heating constant Cooling constant				
Rev.	Changes Summary	Performed	Checked	Date
Nev.	Changes Summary	Periormed	Спескеа	Date
Doutomardin				
Performed by				
Checked by			Page	Revision
Date 13/04/3	2022		18 / 36	

Three Phase Induction Motor - Squirrel Cage



Customer



Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	13/04/2022			19 / 36	

Three Phase Induction Motor - Squirrel Cage

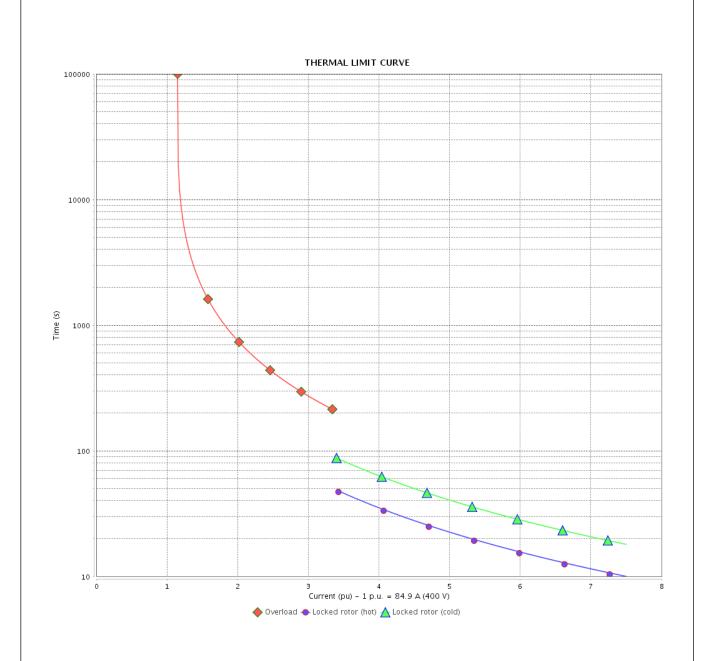


Customer	:					
Product line		NEMA Premium Efficiency	Three-	Product code :	11356015	
	PI	hase	1	Catalog # :	07518ET3G3	65T-W22
Performance	: 40	00 V 50 Hz 4P IE3				
Rated current		4.9 A	Moment o	f inertia (J)	: 23.3 sq.ft.lb	
LRC Rated torque	: 7. : 2 ²	5 13 ft.lb	Duty cycle Insulation	e class	: Cont.(S1) : F	
Locked rotor torque	: 24	40 %	Service fa	ctor	: 1.00	
Breakdown torque Rated speed		30 % 480 rpm	Temperatu Design	ıre rise	: 80 K : B	
Heating constant		•				
Cooling constant						
Rev.		Changes Summary		Performed	Checked	Date
		I				
Performed by					Dama	Dovisia-
Checked by	40/04/0000				Page	Revision

Three Phase Induction Motor - Squirrel Cage



Customer



Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	13/04/2022			21 / 36	

Three Phase Induction Motor - Squirrel Cage

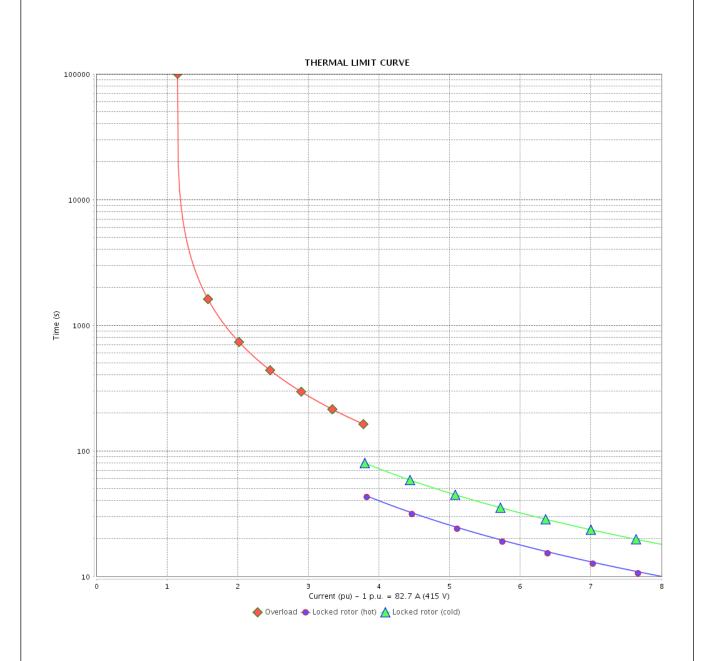


Customer	:					
Product line		NEMA Premium Efficiency	Three-	Product code :	11356015	
	PI	hase	1	Catalog # :	07518ET3G3	65T-W22
Performance Rated current		15 V 50 Hz 4P IE3 2.7 A	Moment	finertia (I)	· 22 2 ca ff lb	
LRC	: 8.	0	Duty cycle	f inertia (J)	: 23.3 sq.ft.lb : Cont.(S1)	
Rated torque Locked rotor torque		12 ft.lb 60 %	Insulation Service fa	class	: F : 1.00	
Breakdown torque	: 31	10 %	Temperatu		: 80 K	
Rated speed	: 14	485 rpm	Design		: B	
Heating constant						
Cooling constant Rev.		Changes Summani		Performed	Checked	Date
Nev.		Changes Summary		r enomieu	CHECKEU	Dale
Performed by						
Checked by		-			Page	Revision
	40/04/0000	1			00/00	

Three Phase Induction Motor - Squirrel Cage



Customer



Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	13/04/2022			23 / 36	

Three Phase Induction Motor - Squirrel Cage

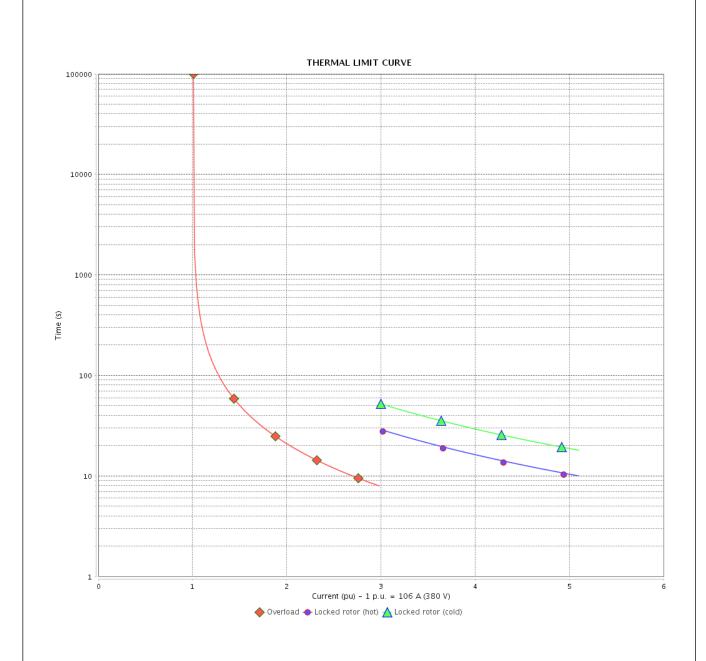


Customer	:					
Product line		NEMA Premium Efficiency	Three-	Product code :	11356015	
	PI	hase	1	Catalog # :	07518ET3G3	65T-W22
Performance		80 V 50 Hz 4P IE2		5 : (: ()	00.0 6.11	
Rated current LRC	: 5.		Duty cycle	f inertia (J)	: 23.3 sq.ft.lb : Cont.(S1)	
Rated torque Locked rotor torque		68 ft.lb 70 %	Insulation Service fa	class	: F : 1.00	
Breakdown torque	: 20	00 %	Temperatu		: 105 K	
Rated speed	: 14	470 rpm	Design		: B	
Heating constant						
Cooling constant Rev.		Changes Summary		Performed	Checked	Date
ivev.		Changes Summary		i enomieu	OHECKEU	Date
Performed by						
Checked by					Page	Revision
D-4:	40/04/0000	i .			04/00	

Three Phase Induction Motor - Squirrel Cage



Customer



Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	13/04/2022			25 / 36	

Three Phase Induction Motor - Squirrel Cage

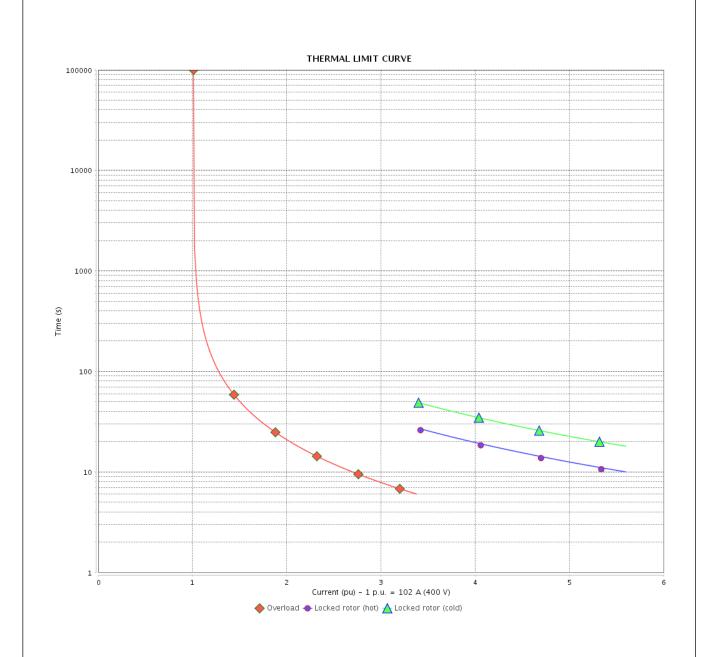


Customer		:				
Product line		: NEMA Premium Efficiency Phase		Product code : Catalog # :	11356015 07518ET3G36	65T-W22
Performance		: 400 V 50 Hz 4P IE2				
Rated current LRC		: 102 A : 5.6	Moment of Duty cycle	of inertia (J) e	: 23.3 sq.ft.lb : Cont.(S1)	
Rated torque		: 267 ft.lb : 200 %	Insulation Service fa	class	: F	
Locked rotor tord Breakdown torqu		: 200 % : 220 %	Temperat		: 1.00 : 105 K	
Rated speed		: 1475 rpm	Design		: B	
Heating constant						
Cooling constant	τ	Changes Summers		Performed	Checked	Date
r\ev.		Changes Summary		renomea	Checked	Date
Performed by					I	
Checked by					Page	Revision
Date	13/04/2022				26 / 36	

Three Phase Induction Motor - Squirrel Cage



Customer



Rev.		Changes Summary	Performe	d Checked	Date
Performed by					
Checked by				Page	Revision
Date	13/04/2022			27 / 36	

Three Phase Induction Motor - Squirrel Cage

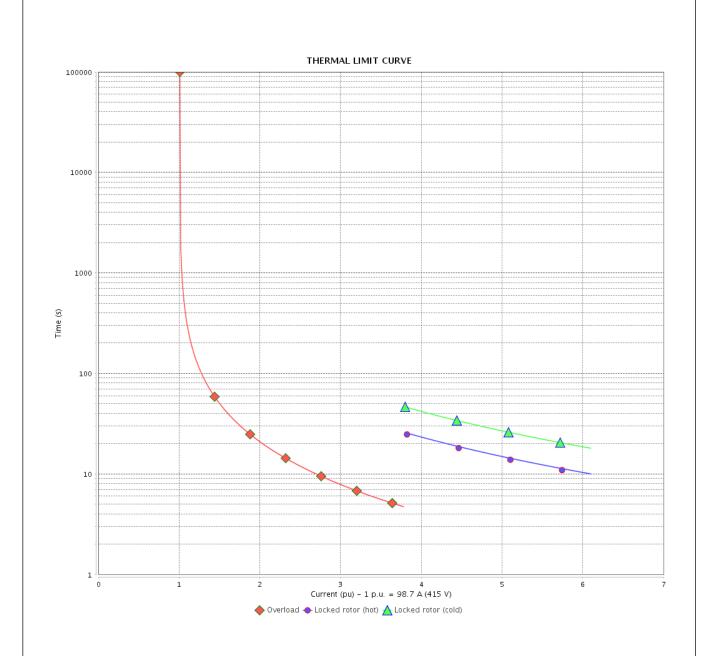


Customer	:					
Product line	: I P	NEMA Premium Efficiency l		Product code :	11356015	
			(Catalog # :	07518ET3G3	65T-W22
Performance	: 4	15 V 50 Hz 4P IE2				
Rated current LRC Rated torque Locked rotor torqu Breakdown torque Rated speed	: 6. : 20 e : 2 ⁻ : 2 ²	8.7 A .1 66 ft.lb 10 % 40 % 480 rpm	Moment of Duty cycle Insulation Service fac Temperatu Design	class ctor	: 23.3 sq.ft.lb : Cont.(S1) : F : 1.00 : 105 K : B	
		r				
Heating constant						
Cooling constant Rev.		Changes Summary		Performed	Checked	Date
Nev.		Changes Summary		FEHOIIIIEU	CHECKEU	Dale
Performed by Checked by					Page	Revision
Data	13/04/2022				28 / 36	

Three Phase Induction Motor - Squirrel Cage



Customer



Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	13/04/2022			29 / 36	

Three Phase Induction Motor - Squirrel Cage



Customer :

Checked by

Date

13/04/2022

Product line : NEMA Premium Efficiency Three- Produ

Phase

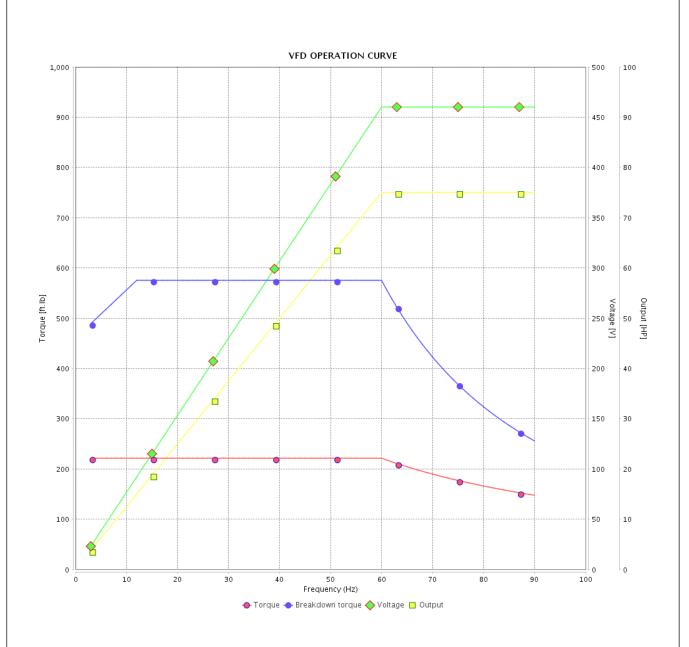
Product code: 11356015

Catalog #: 07518ET3G365T-W22

Page

30 / 36

Revision



Performance	: 460 V 60 Hz 4P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 87.2 A : 6.4 : 221 ft.lb : 240 % : 260 % : 1780 rpm	Moment of Duty cycle Insulation Service for Temperat Design	class actor	: 23.3 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B	
Rev.	<u> </u>	Design	Performed	Checked	Date
Rev.	Changes Summary		renomed	Checked	Date
Performed by					

Three Phase Induction Motor - Squirrel Cage



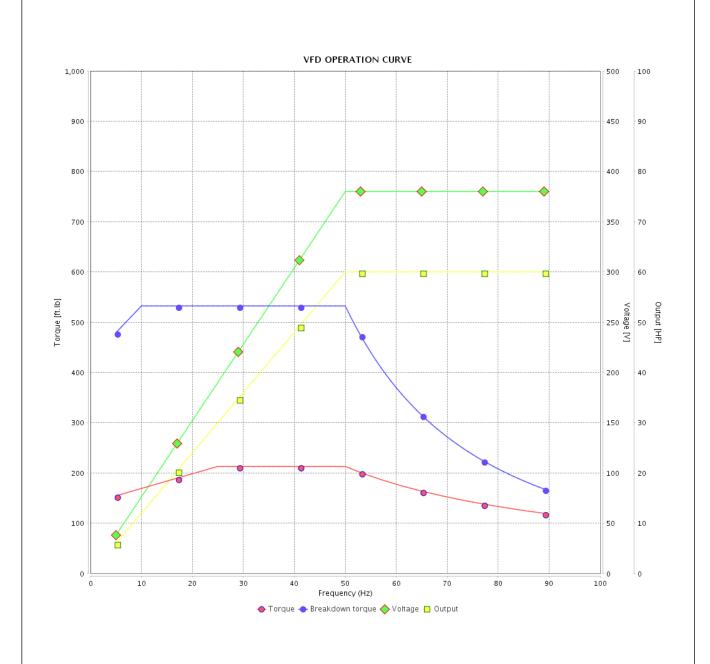
Customer

Product line : NEMA Premium Efficiency Three- Product code : 11356015

Phase

Catalog #: 07518ET3G365T-W22

31 / 36



Performance	: 380 V 50 Hz 4P IE3	: 380 V 50 Hz 4P IE3					
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 88.5 A : 7.0 : 213 ft.lb : 210 % : 250 % : 1480 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 23.3 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B			
Rev. Changes Summary			Performed	Checked	Date		
Performed by							
Checked by				Page	Revision		

13/04/2022

Date

Three Phase Induction Motor - Squirrel Cage



Customer :

Date

13/04/2022

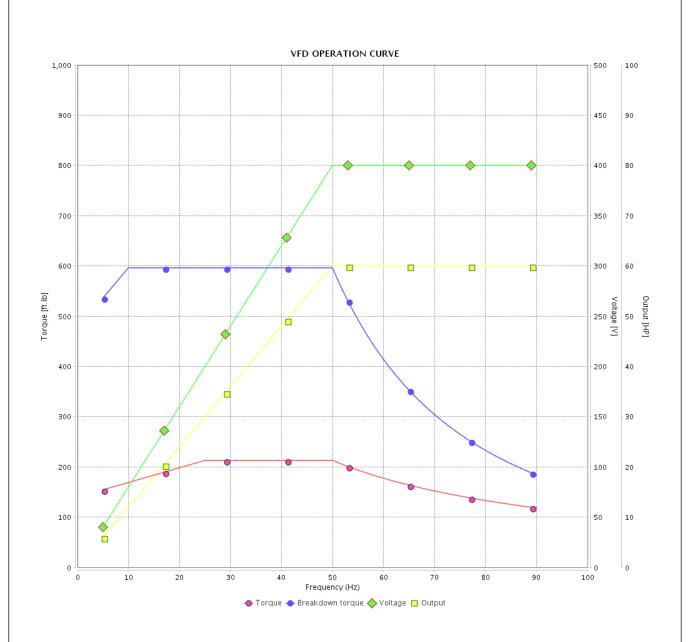
Product line : NEMA Premium Efficiency Three- Product code :

Phase

Catalog #: 07518ET3G365T-W22

11356015

32 / 36



Performance : 400 V 50 Hz 4P IE3 Rated current : 84.9 A Moment of inertia (J) : 23.3 sq.ft.lb **LRC** : 7.5 Duty cycle : Cont.(S1) Insulation class Rated torque : 213 ft.lb : F Locked rotor torque : 240 % Service factor : 1.00 Breakdown torque : 280 % Temperature rise : 80 K Rated speed : 1480 rpm Design : B Rev. Performed Checked Date **Changes Summary** Performed by Page Checked by Revision

Three Phase Induction Motor - Squirrel Cage

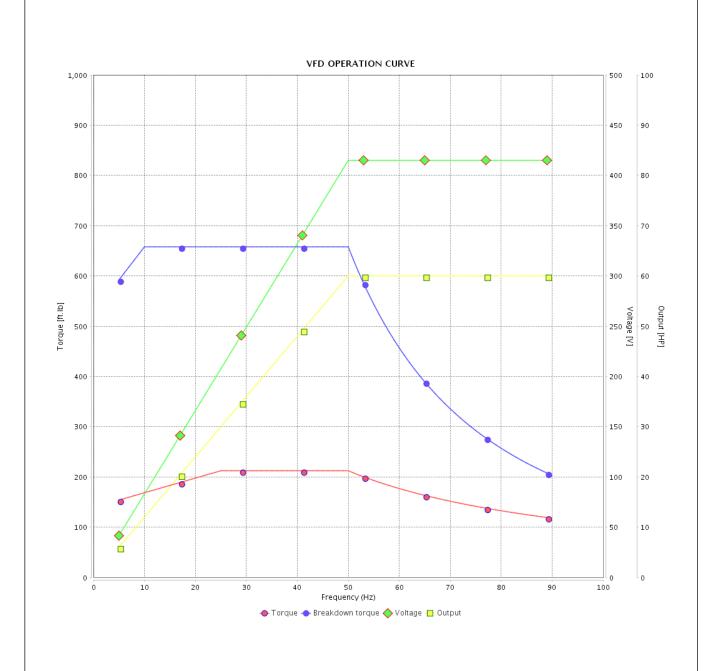


Customer

Product line : NEMA Premium Efficiency Three- Product code : 11356015

Phase

Catalog #: 07518ET3G365T-W22



Performance	: 4	5 V 50 Hz 4P IE3				
Rated current	: 8:	: 82.7 A Mo		f inertia (J)	: 23.3 sq.ft.lb	
LRC	: 8	.0	Duty cycle)	: Cont.(S1)	
Rated torque	: 2	12 ft.lb	Insulation	class	: F	
Locked rotor tord	que : 2	60 %	Service fa	ctor	: 1.00	
Breakdown torqu	ie : 3	10 %	% Temperature rise		: 80 K	
Rated speed : 1485 rpm		Design	Design			
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	13/04/2022				33 / 36	

Three Phase Induction Motor - Squirrel Cage



Customer :

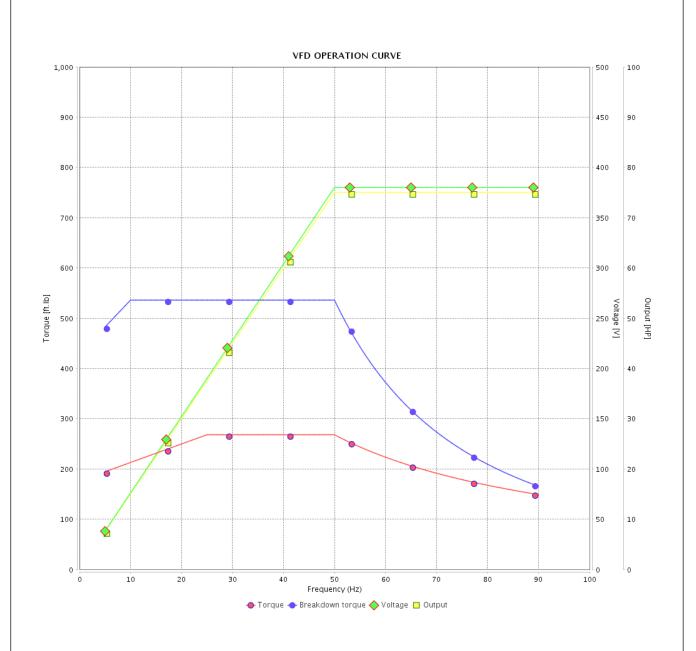
Product line : NEMA Premium Efficiency Three- Product code :

Phase

Catalog #: 07518ET3G365T-W22

11356015

34 / 36



Performance	: 380 V 50 Hz 4P IE2						
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 106 A : 5.1 : 268 ft.lb : 170 % : 200 % : 1470 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 23.3 sq.ft.lb : Cont.(S1) : F : 1.00 : 105 K : B			
Rev.	Changes Summary		Performed	Checked	Date		
Performed by		L					
Checked by				Page	Revision		

13/04/2022

Date

Three Phase Induction Motor - Squirrel Cage



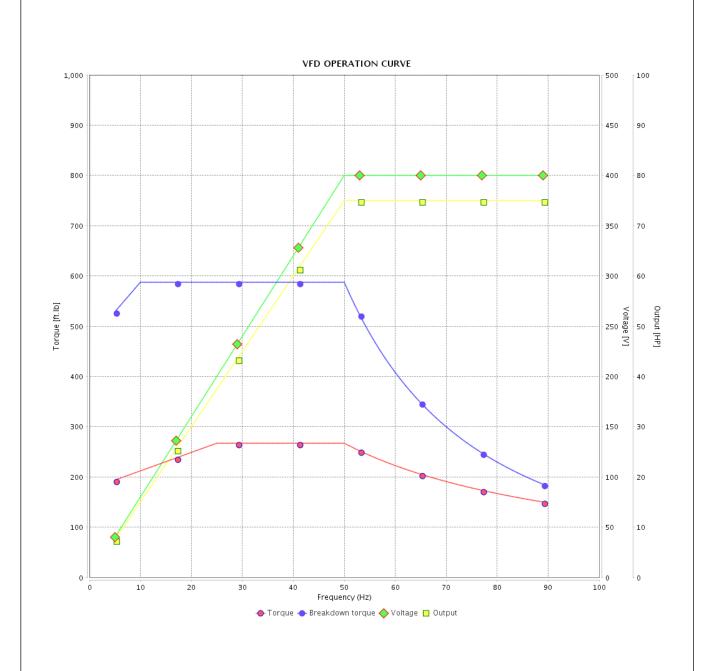
Customer

Product line : NEMA Premium Efficiency Three- Product code :

Phase

Catalog #: 07518ET3G365T-W22

11356015



Performance	: 4	00 V 50 Hz 4P IE2				
Rated current	: 102 A		Moment o	f inertia (J)	: 23.3 sq.ft.lb	
LRC	: 5	.6	Duty cycle	;	: Cont.(S1)	
Rated torque	: 2	67 ft.lb	Insulation	class	: F	
Locked rotor torqu	ie : 2	00 %	Service fa	ctor	: 1.00	
Breakdown torque	: 2	20 %	7 % Temperature rise		: 105 K	
Rated speed : 1475 rpm		Design		: B		
Rev. Changes Su		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	13/04/2022	1			35 / 36	

Three Phase Induction Motor - Squirrel Cage



Customer :

Checked by

Date

13/04/2022

Product line : NEMA Premium Efficiency Three- Product

Phase

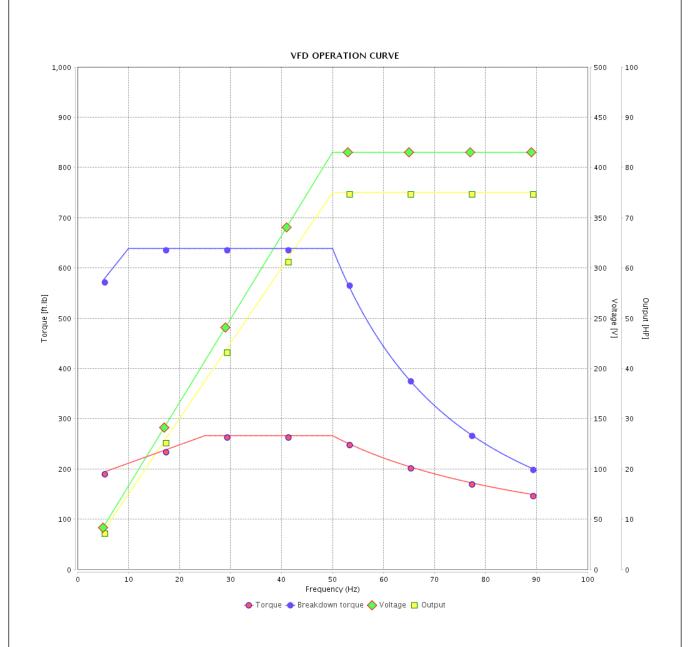
Product code: 11356015

Catalog #: 07518ET3G365T-W22

Page

36 / 36

Revision



Performance : 415 V 50 Hz 4P IE2 Rated current : 98.7 A Moment of inertia (J) : 23.3 sq.ft.lb **LRC** Duty cycle : Cont.(S1) : 6.1 : 266 ft.lb Insulation class Rated torque : F Locked rotor torque : 210 % Service factor : 1.00 Breakdown torque : 240 % Temperature rise : 105 K Rated speed : 1480 rpm Design : B Rev. Performed Checked Date **Changes Summary** Performed by

