DATA SHEET

Three Phase Induction Motor - Squirrel Cage



0.89

Customer :

Product line : W40 NEMA Premium Efficiency Product code : 13568154

Three-Phase

Catalog #: 35036OT3G447/9TS-W40

Frame : 447/9TS Cooling method : IC01 - ODP

Insulation class : F Mounting : F-1

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

Ambient temperature : -20°C to +40°C Starting method : Direct On Line
Altitude : 1000 m.a.s.l. Approx. weight³ : 1933 lb

Altitude : 1000 m.a.s.l. Approx. weight : 1933 lb Protection degree : IP23 Moment of inertia (J) : 35.7 sq.ft.lb

Design : A Output [HP] 350 300 300 300 350 350 350 Poles 2 2 2 2 2 2 2 Frequency [Hz] 60 50 50 50 50 50 50 Rated voltage [V] 460 380 400 415 380 400 415 Rated current [A] 388 372 462 444 384 359 428 L. R. Amperes [A] 2496 2492 2585 2402 2531 2654 2367 6.7x(Code LRC [A] 6.5x(Code 6.1x(Code F) 7.2x(Code | 5.2x(Code E) | 5.7x(Code F) | 6.2x(Code F) G) G) G) No load current [A] 88.0 86.0 92.0 100 86.0 92.0 100 Rated speed [RPM] 3565 2955 2965 2965 2950 2960 2960 Slip [%] 1.67 0.97 1.50 1.17 1.17 1.33 1.33 Rated torque [ft.lb] 516 533 531 531 623 621 621 Locked rotor torque [%] 170 160 190 210 140 160 180 Breakdown torque [%] 200 250 229 260 280 220 240

Service factor 1.15 1.15 1.15 1.15 1.15 1.15 1.15 80 K Temperature rise 80 K 80 K 80 K 80 K 80 K 80 K 21s (cold) Locked rotor time 25s (cold) 21s (cold) 21s (cold) 21s (cold) 21s (cold) 21s (cold) 14s (hot) 12s (hot) 12s (hot) 12s (hot) 12s (hot) 12s (hot) 12s (hot) Noise level² 87.0 dB(A) 25% 94.9 93.4 93.7 93.7 94.5 94.9 94.9 50% 95.0 94.4 94.5 94.5 95.0 95.0 95.0 Efficiency (%) 75% 95.4 94.8 95.1 95.1 94.5 95.0 95.0 100% 95.4 95.8 95.8 95.8 95.0 95.0 95.0 25% 0.61 0.61 0.58 0.55 0.65 0.62 0.60 50% 0.83 0.81 0.79 0.78 0.84 0.83 0.82 Power Factor 75% 0.88 0.88 0.87 0.86 0.89 0.88 0.88

Bearing type : 6314 C3 6314 C3 | Max. traction : 3006 lb
Sealing : Without Without Bearing Seal | Bearing Seal | Bearing Seal | Max. compression : 4939 lb

Lubrication interval : 14418 h

Lubricant amount : 27 g 27 g

Lubricant type : Mobil Polyrex EM

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.

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Thermal protection

		•		
ID	Application	Туре	Quantity	Sensing Temperature
1	Winding	Thermistor - 2 wires	1 x Phase	155 °C

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Three Phase Induction Motor - Squirrel Cage Customer Product line : W40 NEMA Premium Efficiency Product code: 13568154 Three-Phase Catalog #: 35036OT3G447/9TS-W40 TORQUE AND CURRENT VS SPEED CURVE 2.7 2.1 Torque (bu) 1.2 0.6 0.3 40 50 -Percent of synchronous speed ◆ Torque - 1 p.u. = 516 ft.lb ◆ Current - 1 p.u. = 384 A (460 V)

Performance	: 460 V 60 Hz 2P		
Rated current	: 384 A	Moment of inertia (J)	: 35.7 sq.ft.lb
LRC	: 6.5	Duty cycle	: Cont.(S1)
Rated torque	: 516 ft.lb	Insulation class	:F
Locked rotor torque	: 170 %	Service factor	: 1.15
Breakdown torque	: 250 %	Temperature rise	: 80 K
Rated speed	: 3565 rpm	Design	: A
Locked rotor time	: 25s (cold) 14s (hot)		

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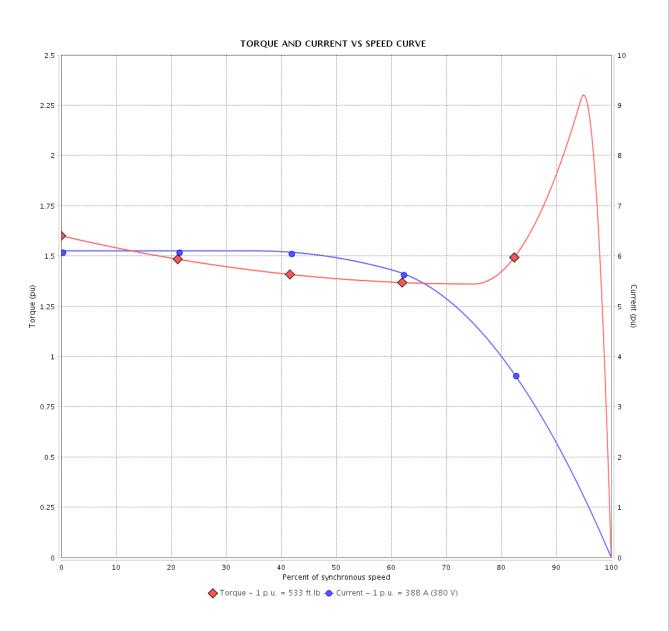
Customer :

Product line : W40 NEMA Premium Efficiency

Three-Phase

Product code: 13568154

Catalog # : 35036OT3G447/9TS-W40



Performance	: 380 V 50 Hz 2P IE3		
Rated current	: 388 A	Moment of inertia (J)	: 35.7 sq.ft.lb
LRC Rated torque	: 6.1 : 533 ft.lb	Duty cycle Insulation class	: Cont.(S1) : F
Locked rotor torque	. 555 ILID : 160 %	Service factor	. г : 1.15
Breakdown torque	: 229 %	Temperature rise	: 80 K
Rated speed	: 2955 rpm	Design	: A

Locked rotor time : 21s (cold) 12s (hot)

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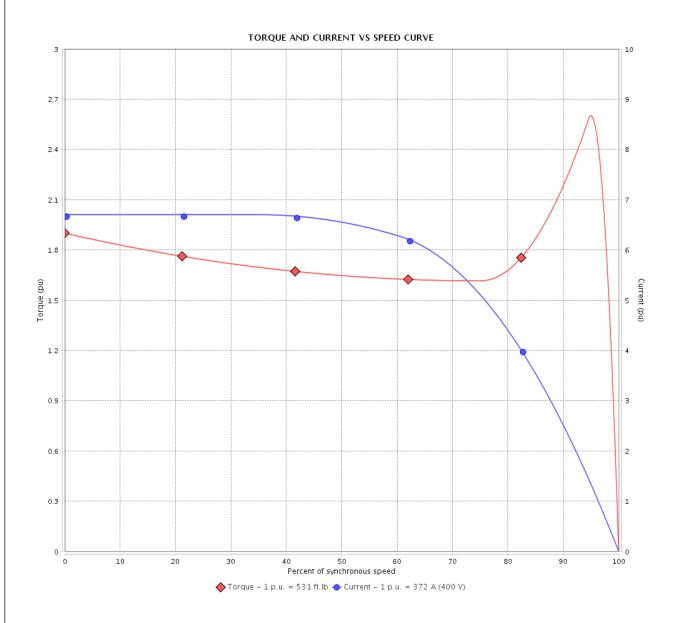
Three Phase Induction Motor - Squirrel Cage



Customer

Product line : W40 NEMA Premium Efficiency Product code: 13568154

Catalog #: 35036OT3G447/9TS-W40



Performance	: 400 V 50 Hz 2P IE3		
Rated current	: 372 A	Moment of inertia (J)	: 35.7 sq.ft.lb
LRC	: 6.7	Duty cycle	: Cont.(S1)
Rated torque	: 531 ft.lb	Insulation class	: F
Locked rotor torque	: 190 %	Service factor	: 1.15
Breakdown torque	: 260 %	Temperature rise	: 80 K
Rated speed	: 2965 rpm	Design	: A
Locked rotor time	: 21s (cold) 12s (hot)		

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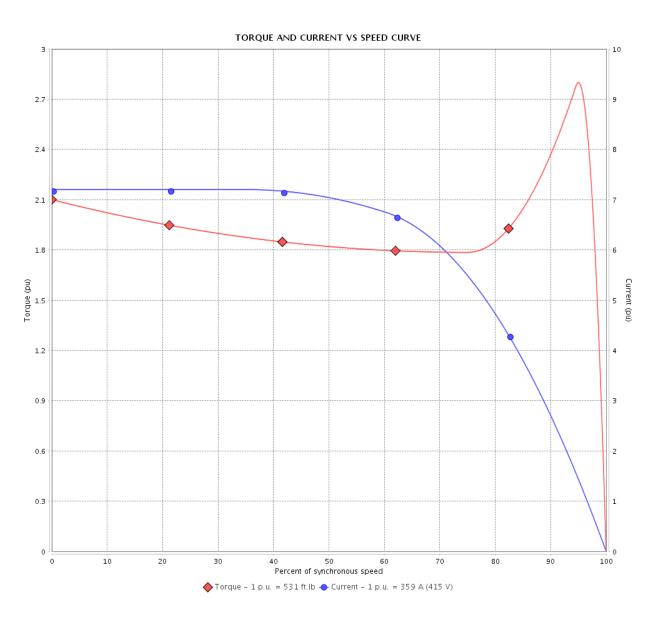


Customer :

Product line : W40 NEMA Premium Efficiency Product code : 13568154

Three-Phase

Catalog #: 35036OT3G447/9TS-W40



Performance	: 415 V 50 Hz 2P IE3		
Rated current	: 359 A	Moment of inertia (J)	: 35.7 sq.ft.lb
LRC	: 7.2	Duty cycle	: Cont.(S1)
Rated torque	: 531 ft.lb	Insulation class	:F
Locked rotor torque	: 210 %	Service factor	: 1.15
Breakdown torque	: 280 %	Temperature rise	: 80 K
Rated speed	: 2965 rpm	Design	: A
	. 24a (aald) 42a (bat)	I	

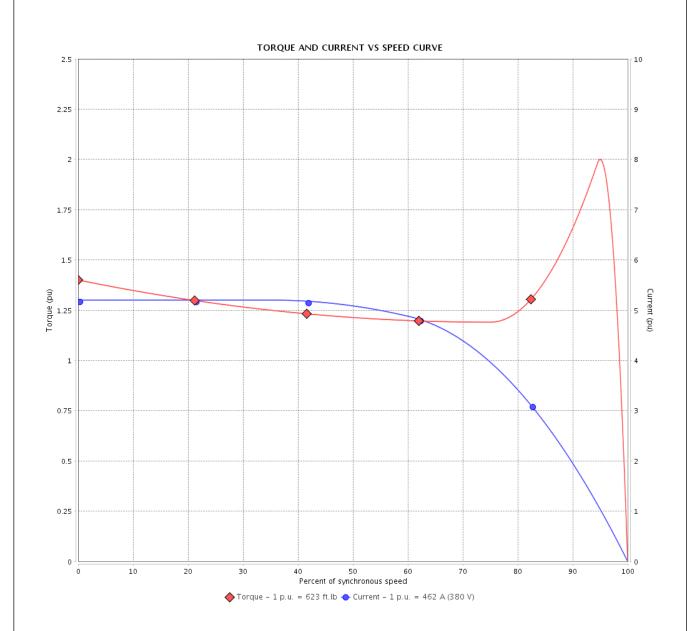
Locked rotor time : 21s (cold) 12s (hot)

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Customer Product line : W40 NEMA Premium Efficiency Product code: 13568154 Three-Phase Catalog #: 35036OT3G447/9TS-W40



Performance : 380 V 50 Hz 2P IE2 Rated current : 462 A Moment of inertia (J) : 35.7 sq.ft.lb **LRC** : 5.2 Duty cycle : Cont.(S1) Insulation class Rated torque : 623 ft.lb : F Locked rotor torque : 140 % Service factor : 1.15 Breakdown torque : 200 % Temperature rise : 80 K Rated speed : 2950 rpm Design : A Locked rotor time : 21s (cold) 12s (hot)

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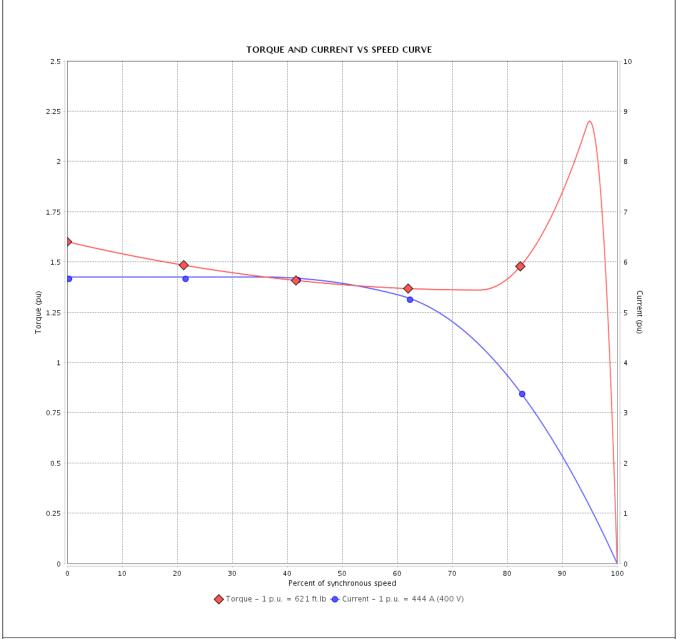
Customer :

Product line : W40 NEMA Premium Efficiency

Three-Phase

Product code: 13568154

Catalog # : 35036OT3G447/9TS-W40



Performance	: 400 V 50 Hz 2P IE2		
Rated current	: 444 A	Moment of inertia (J)	: 35.7 sq.ft.lb
LRC	: 5.7	Duty cycle	: Cont.(S1)
Rated torque	: 621 ft.lb	Insulation class	: F
Locked rotor torque	: 160 %	Service factor	: 1.15
Breakdown torque	: 220 %	Temperature rise	: 80 K
Rated speed	: 2960 rpm	Design	: A
Looked roter time	: 21a (aold) 12a (bat)		

Locked rotor time : 21s (cold) 12s (hot)

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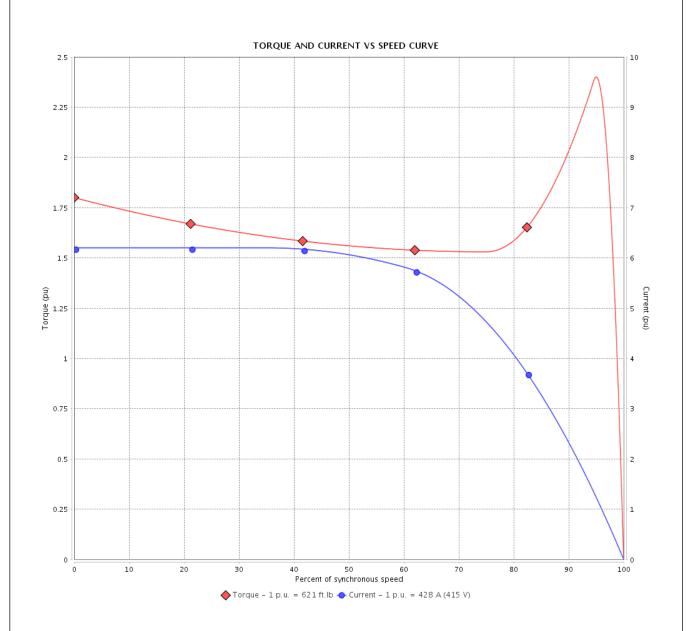
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Customer

Product line : W40 NEMA Premium Efficiency Product code: 13568154

Catalog #: 35036OT3G447/9TS-W40



Performance	: 415 V 50 Hz 2P IE2		
Rated current	: 428 A	Moment of inertia (J)	: 35.7 sq.ft.lb
LRC	: 6.2	Duty cycle	: Cont.(S1)
Rated torque	: 621 ft.lb	Insulation class	:F
Locked rotor torque	: 180 %	Service factor	: 1.15
Breakdown torque	: 240 %	Temperature rise	: 80 K
Rated speed	: 2960 rpm	Design	: A
Locked rotor time	: 21s (cold) 12s (hot)		<u> </u>

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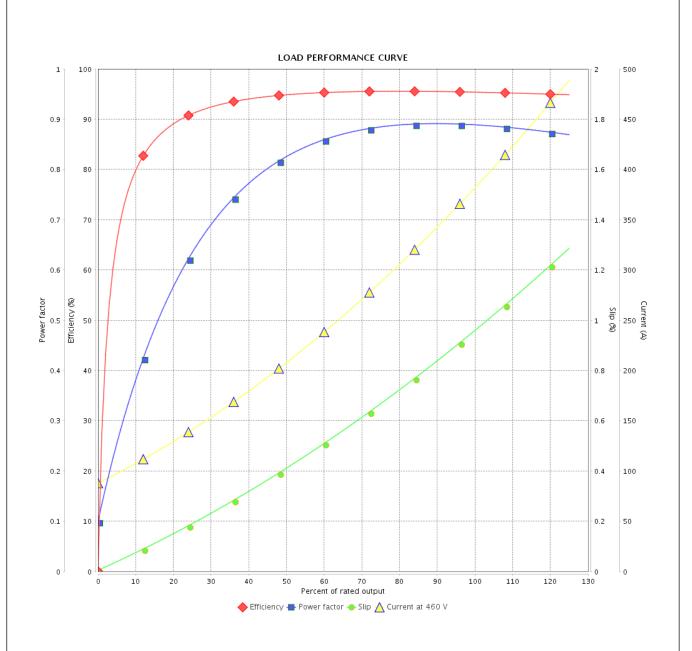
Customer :

Product line : W40 NEMA Premium Efficiency

Three-Phase

Product code: 13568154

Catalog #: 35036OT3G447/9TS-W40



Performance	: 46	60 V 60 Hz 2P				
Rated current	: 38	34 A	Moment of	of inertia (J)	: 35.7 sq.ft.lb	
LRC	: 6.	5	Duty cycle	9	: Cont.(S1)	
Rated torque	: 5′	16 ft.lb	Insulation	class	: F	
Locked rotor torq	ue : 17	70 %	Service fa	actor	: 1.15	
Breakdown torqu	e : 25	50 %	Temperat	ure rise	: 80 K	
Rated speed	: 38	565 rpm	Design		: A	
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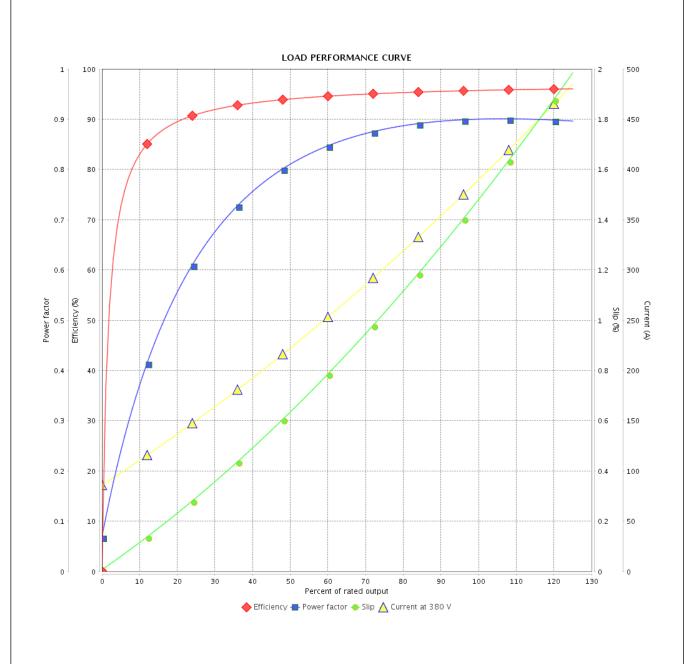


Customer

Product line : W40 NEMA Premium Efficiency Product code : 13568154

Three-Phase

Catalog #: 35036OT3G447/9TS-W40



Performance	:	380 V 50 Hz 2P IE3				
Rated current	:	388 A	Moment o	f inertia (J)	: 35.7 sq.ft.lb	
LRC	:	6.1	Duty cycle	;	: Cont.(S1)	
Rated torque	:	533 ft.lb	Insulation	class	: F	
Locked rotor torqu	ue :	160 %	Service fa	ctor	: 1.15	
Breakdown torque	e :	229 %	Temperati	ıre rise	: 80 K	
Rated speed	:	2955 rpm	Design		: A	
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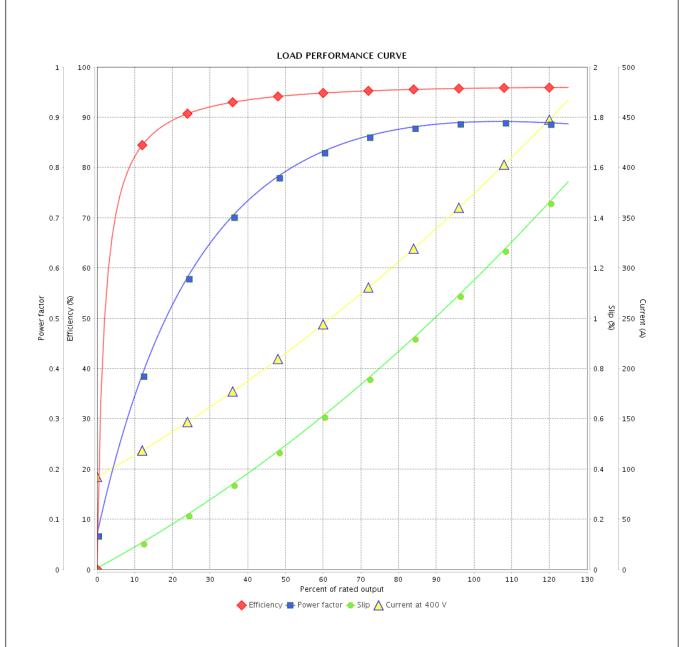
Product line : W40 NEMA Premium Efficiency

Three-Phase

Product code: 13568154

Catalog #: 35036OT3G447/9TS-W40

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Performance : 400 V 50 Hz 2P IE3 Rated current : 372 A Moment of inertia (J) : 35.7 sq.ft.lb **LRC** : 6.7 Duty cycle : Cont.(S1) : 531 ft.lb Insulation class Rated torque : F Locked rotor torque : 190 % Service factor : 1.15 Breakdown torque : 260 % Temperature rise : 80 K Rated speed : 2965 rpm Design : A Rev. Performed Checked Date **Changes Summary** Performed by Checked by Revision Page

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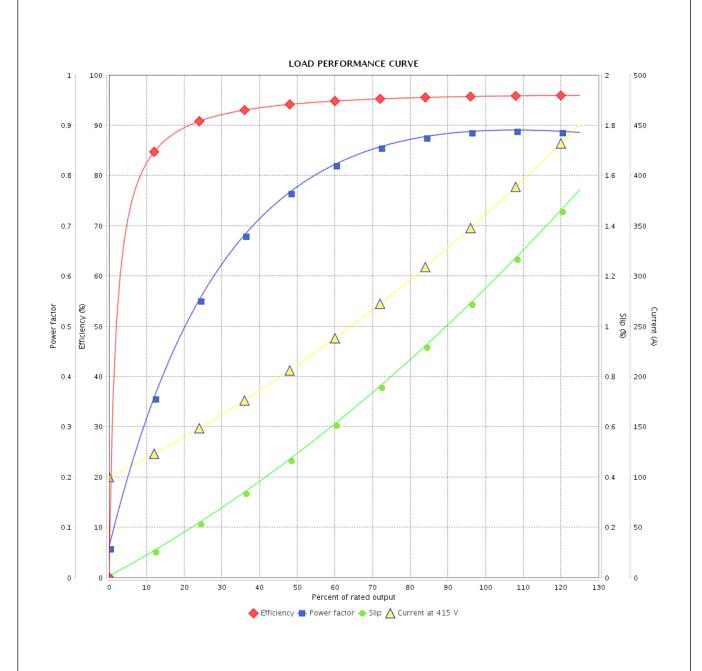


Customer

Product line : W40 NEMA Premium Efficiency Product code : 13568154

Three-Phase

Catalog #: 35036OT3G447/9TS-W40



Performance	: 4	15 V 50 Hz 2P IE3				
Rated current	: 3	59 A	Moment o	f inertia (J)	: 35.7 sq.ft.lb	
LRC	: 7	.2	Duty cycle	;	: Cont.(S1)	
Rated torque	: 5	31 ft.lb	Insulation	class	: F	
Locked rotor torque	e : 2	10 %	Service fa	ctor	: 1.15	
Breakdown torque	: 2	80 %	Temperati	ıre rise	: 80 K	
Rated speed	: 2	965 rpm	Design		: A	
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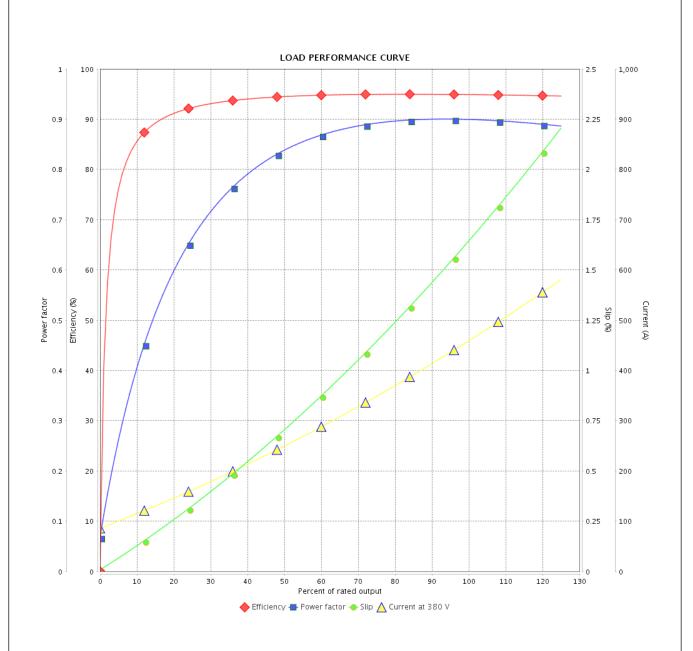
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Three-Phase

Product code: 13568154

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Performance	: 380 V 50 Hz 2P IE2			
renormance	. 300 V 30 HZ ZF IEZ			
Rated current	: 462 A	Moment of inertia (J)	: 35.7 sq.ft.lb	
LRC	: 5.2	Duty cycle	: Cont.(S1)	
Rated torque	: 623 ft.lb	Insulation class	: F	
Locked rotor torque	: 140 %	Service factor	: 1.15	
Breakdown torque	: 200 %	Temperature rise	: 80 K	
Rated speed	: 2950 rpm	Design	: A	
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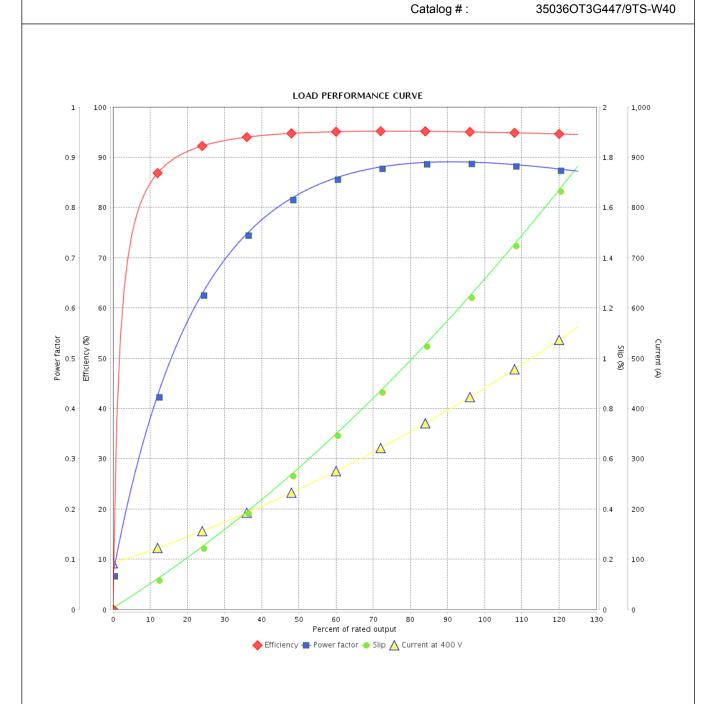


Customer

Product line : W40 NEMA Premium Efficiency Product code :

Three-Phase

13568154



Performance	: •	400 V 50 Hz 2P IE2				
Rated current	: •	444 A	Moment o	f inertia (J)	: 35.7 sq.ft.lb	
LRC	::	5.7	Duty cycle	;	: Cont.(S1)	
Rated torque	: (621 ft.lb	Insulation	class	: F	
Locked rotor torque	e :	160 %	Service fa	ctor	: 1.15	
Breakdown torque	::	220 %	Temperati	ure rise	: 80 K	
Rated speed	::	2960 rpm	Design		: A	
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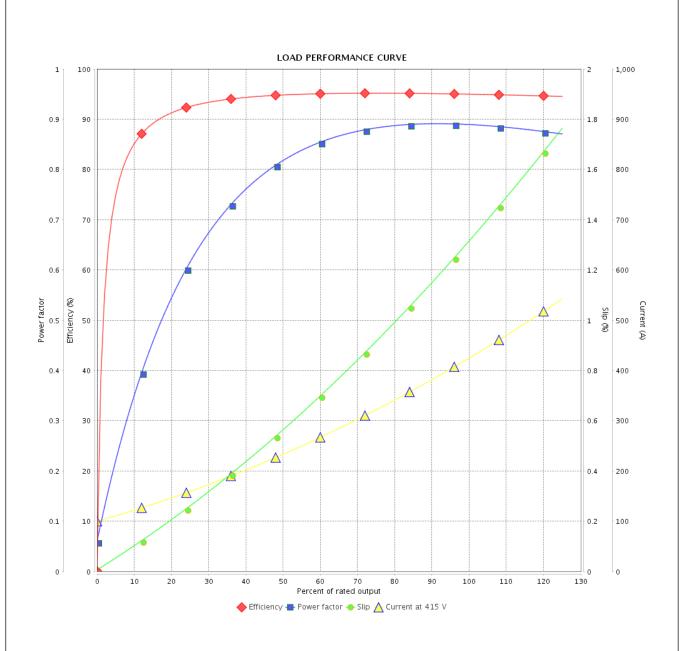
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Three-Phase

Product code: 13568154

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Performance	: 415 V 50 Hz 2P IE2				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 428 A : 6.2 : 621 ft.lb : 180 % : 240 % : 2960 rpm	Moment of Duty cycle Insulation of Service fact Temperatur Design	class tor	: 35.7 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : A	
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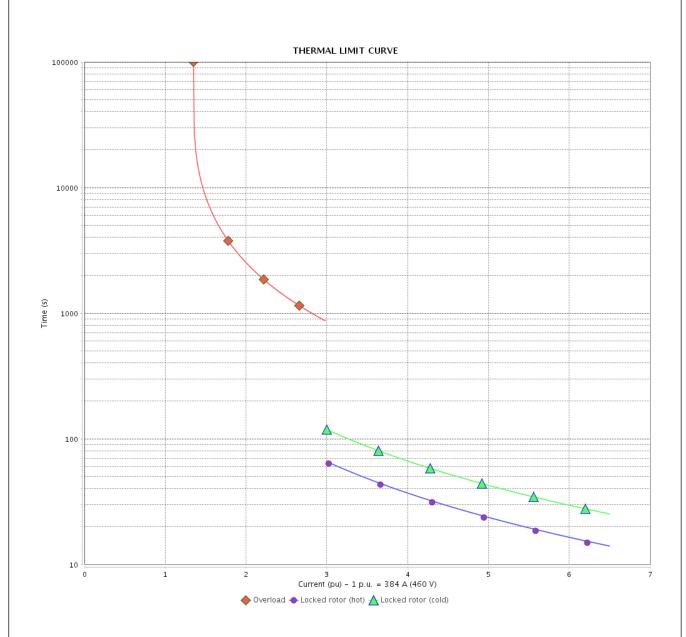


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	I	hree-Phase	(Catalog # :	35036OT3G4	447/9TS-W4
Performance Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 3 : 6 : 5 que : 1 ue : 2 : 3	.5 I 16 ft.lb I 70 % S 50 % T	Moment of Duty cycle Insulation Service far Temperatu Design	class ctor	: 35.7 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : A	
Rated current LRC Rated torque Locked rotor torq Breakdown torqu Rated speed Heating constan	: 3 : 6 : 5 que : 1 ue : 2 : 3	84 A I 5 I 16 ft.lb I 70 % S	Duty cycle Insulation Service fac Temperatu	class ctor	: Cont.(S1) : F : 1.15 : 80 K	
Rated current LRC Rated torque Locked rotor tord Breakdown torqu Rated speed	: 3 : 6 : 5 que : 1 ue : 2 : 3	84 A I 5 I 16 ft.lb I 70 % S 50 % S 565 rpm I	Duty cycle Insulation Service fac Temperatu	class ctor	: Cont.(S1) : F : 1.15 : 80 K	Date
Rated current LRC Rated torque Locked rotor torq Breakdown torqu Rated speed Heating constan Cooling constan	: 3 : 6 : 5 que : 1 ue : 2 : 3	84 A I 5 I 16 ft.lb I 70 % S	Duty cycle Insulation Service fac Temperatu	class ctor ire rise	: Cont.(S1) : F : 1.15 : 80 K : A	Date
Rated current LRC Rated torque Locked rotor torq Breakdown torqu Rated speed Heating constan Cooling constan Rev.	: 3 : 6 : 5 que : 1 ue : 2 : 3	84 A I 5 I 16 ft.lb I 70 % S 50 % S 565 rpm I	Duty cycle Insulation Service fac Temperatu	class ctor ire rise	: Cont.(S1) : F : 1.15 : 80 K : A	Date
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed Heating constan Cooling constan	: 3 : 6 : 5 que : 1 ue : 2 : 3	84 A I 5 I 16 ft.lb I 70 % S 50 % S 565 rpm I	Duty cycle Insulation Service fac Temperatu	class ctor ire rise	: Cont.(S1) : F : 1.15 : 80 K : A	Date

Three Phase Induction Motor - Squirrel Cage



Customer :



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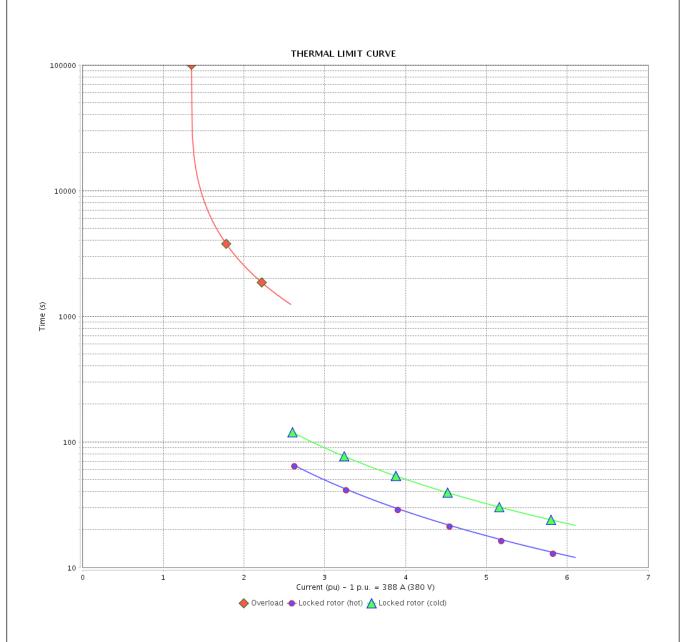


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Product line		N40 NEMA Premium Efficion Nationarie (National Presser)		Product code : Catalog # :	13568154 35036OT3G	447/9TS-W40
Performance		80 V 50 Hz 2P IE3		<u> </u>		
Rated current LRC	: 38 : 6.	38 A 1	Moment of Duty cycle	of inertia (J)	: 35.7 sq.ft.lb : Cont.(S1)	
Rated torque	: 53	33 ft.lb	Insulation	class	: F	
Locked rotor tord Breakdown tord		60 % 29 %	Service fa Temperati		: 1.15 : 80 K	
Rated speed		955 rpm	Design	ui C 113C	: A	
Heating constan	 t					
Cooling constant						
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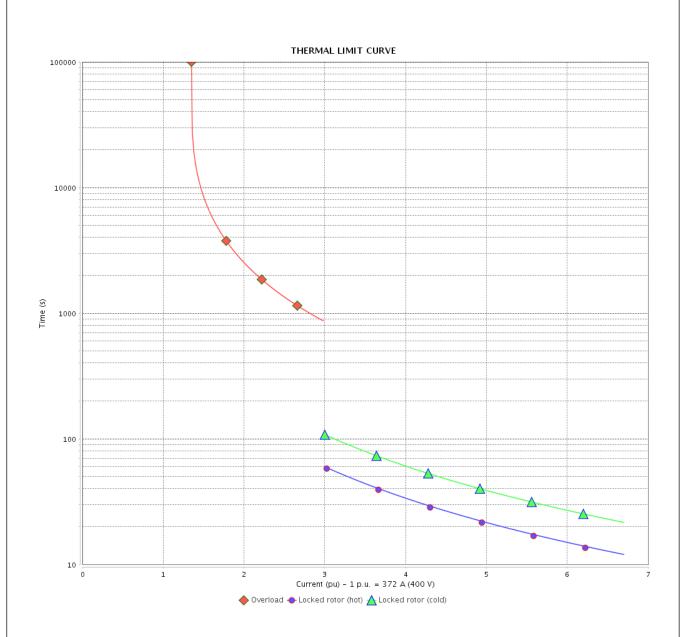


Customer	:					
Product line	. ,	W40 NEMA Premium Effic	ciency	Product code :	13568154	
i roduct iirie	Т	hree-Phase				
				Catalog # :	35036OT3G	447/9TS-W40
Performance		00 V 50 Hz 2P IE3				
Rated current _RC	: 3 : 6	72 A 7	Moment of Duty cycle	of inertia (J)	: 35.7 sq.ft.lb : Cont.(S1)	
Rated torque		31 ft.lb	Insulation	class	: F	
			Comicos fo	actor	: 1.15	
	que : 1	90 %	Service fa			
Locked rotor tor Breakdown torq Rated speed	que : 1	60 %	Temperat		: 80 K : A	
Breakdown torq Rated speed	que : 1 ue : 2 : 2				: 80 K	
Breakdown torq Rated speed Heating constan	que : 1 ue : 2 : 2	60 %	Temperat		: 80 K	
Breakdown torq Rated speed Heating constan Cooling constan	que : 1 ue : 2 : 2	60 % 965 rpm	Temperat		: 80 K : A	Date
Breakdown torq Rated speed Heating constan	que : 1 ue : 2 : 2	60 %	Temperat	ure rise	: 80 K	Date
Breakdown torq Rated speed Heating constan Cooling constan Rev.	que : 1 ue : 2 : 2	60 % 965 rpm	Temperat	ure rise	: 80 K : A	Date
Breakdown torq Rated speed Heating constan Cooling constan	que : 1 ue : 2 : 2	60 % 965 rpm	Temperat	ure rise	: 80 K : A	Date Revision

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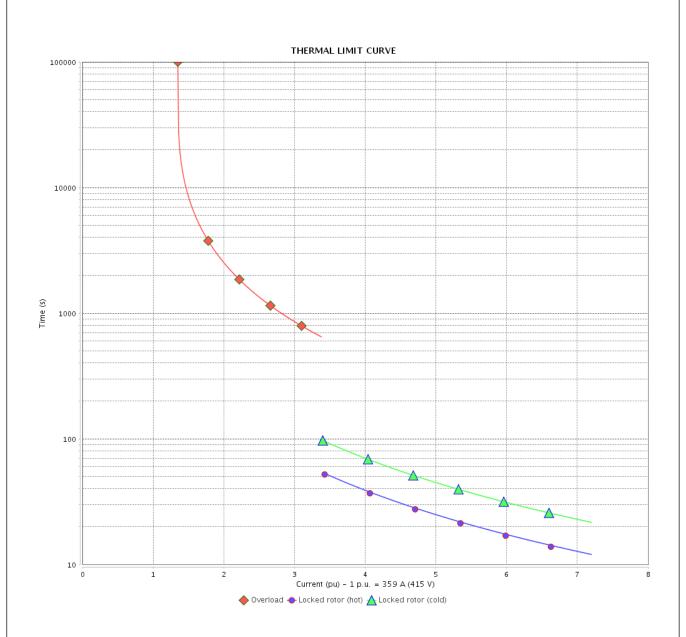


Customer	:					
Product line	. 1	W40 NEMA Premium Effici	iency	Product code :	13568154	
Product line	 Ti	hree-Phase	lericy	Product code .	13306134	
				Catalog # :	35036OT3G	447/9TS-W40
Performance	: 4	15 V 50 Hz 2P IE3				
Rated current LRC Rated torque	: 7. : 53	31 ft.lb	Duty cycle Insulation	class	: 35.7 sq.ft.lb : Cont.(S1) : F	
Locked rotor tord Breakdown torqu Rated speed	ie : 28	10 % 80 % 965 rpm	Service fa Temperate Design		: 1.15 : 80 K : A	
Heating constant						
Cooling constant	•	Changes Summary		Performed	Checked	Date
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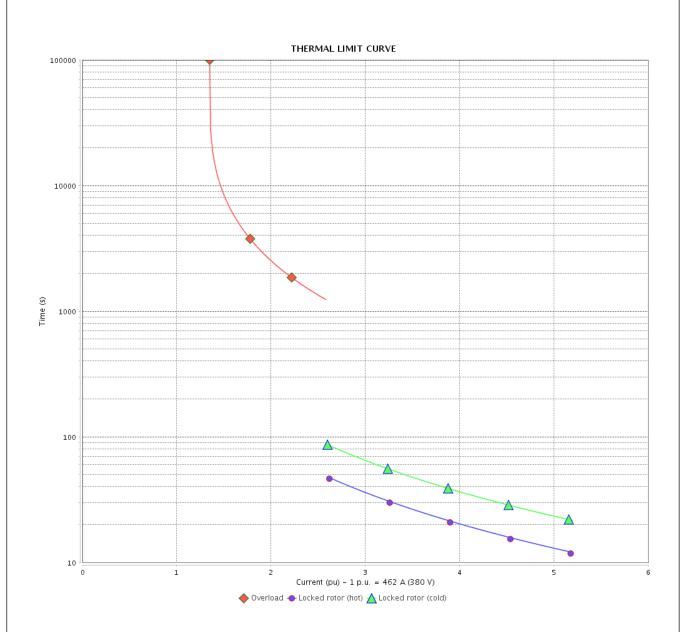


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Product line		MAO NEMA Drassium Eff	iona:	Draduet east-	40500454	
Product line	: T	W40 NEMA Premium Effic hree-Phase	iency	Product code :	13568154	
				Catalog # :	35036OT3G	447/9TS-W40
Performance Rated current LRC Rated torque Locked rotor tor Breakdown torq Rated speed	: 4 : 5 : 6 que : 1 ue : 2	80 V 50 Hz 2P IE2 62 A .2 23 ft.lb 40 % 00 % 950 rpm	Moment of Duty cycle Insulation Service far Temperations	class actor	: 35.7 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : A	
Rated current LRC Rated torque Locked rotor tor Breakdown torq	: 4 : 5 : 6 que : 1 ue : 2	62 A .2 23 ft.lb 40 % 00 %	Duty cycle Insulation Service fa Temperat	e class actor	: Cont.(S1) : F : 1.15 : 80 K	
Rated current LRC Rated torque Locked rotor tor Breakdown torq Rated speed	: 4 : 5 : 6 que : 1 ue : 2 : 2	62 A .2 23 ft.lb 40 % 00 %	Duty cycle Insulation Service fa Temperat	e class actor	: Cont.(S1) : F : 1.15 : 80 K	
Rated current LRC Rated torque Locked rotor tor Breakdown torq Rated speed Heating constar	: 4 : 5 : 6 que : 1 ue : 2 : 2	62 A .2 23 ft.lb 40 % 00 %	Duty cycle Insulation Service fa Temperat	e class actor	: Cont.(S1) : F : 1.15 : 80 K	Date
Rated current LRC Rated torque Locked rotor tor Breakdown torq Rated speed Heating constar Cooling constar	: 4 : 5 : 6 que : 1 ue : 2 : 2	62 A .2 23 ft.lb 40 % 00 % 950 rpm	Duty cycle Insulation Service fa Temperat	e class actor ure rise	: Cont.(S1) : F : 1.15 : 80 K : A	Date
Rated current LRC Rated torque Locked rotor tor Breakdown torq Rated speed Heating constar Cooling constar	: 4 : 5 : 6 que : 1 ue : 2 : 2	62 A .2 23 ft.lb 40 % 00 % 950 rpm	Duty cycle Insulation Service fa Temperat	e class actor ure rise	: Cont.(S1) : F : 1.15 : 80 K : A	Date
Rated current .RC Rated torque .ocked rotor tor Breakdown torq Rated speed Heating constar Cooling constar Rev.	: 4 : 5 : 6 que : 1 ue : 2 : 2	62 A .2 23 ft.lb 40 % 00 % 950 rpm	Duty cycle Insulation Service fa Temperat	e class actor ure rise	: Cont.(S1) : F : 1.15 : 80 K : A	Date Revision

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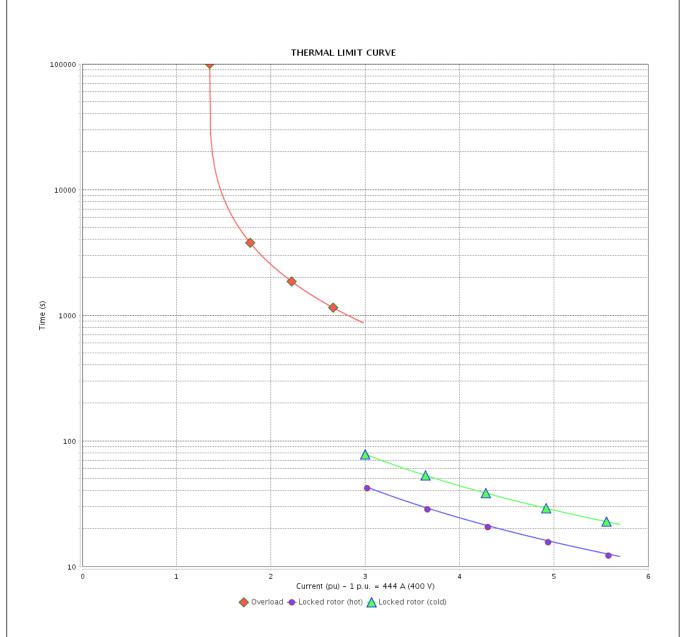


Customer	:					
Product line	. 1	W40 NEMA Premium Effic	iency	Product code :	13568154	
i roduct line	Ti	hree-Phase				
				Catalog # :	35036OT3G4	147/9TS-W40
Performance		00 V 50 Hz 2P IE2				
Rated current	: 44	44 A		of inertia (J)	: 35.7 sq.ft.lb	
		/			· Cont (S1)	
_RC	: 5.	. / 21 ft.lb	Duty cycle Insulation	e class	: Cont.(S1) : F	
LRC Rated torque Locked rotor tor	: 5. : 62 que : 10	21 ft.lb 60 %	Insulation Service fa	class actor	: F : 1.15	
₋RC Rated torque Locked rotor tord Breakdown torq	: 5. : 62 que : 10 ue : 22	21 ft.Ib 60 % 20 %	Insulation Service fa Temperat	class actor	: F : 1.15 : 80 K	
LRC Rated torque Locked rotor tord Breakdown torqu Rated speed	: 5. : 6: que : 10 ue : 2: : 29	21 ft.lb 60 %	Insulation Service fa	class actor	: F : 1.15	
RC Rated torque Locked rotor tord Breakdown torque Rated speed Heating constan	: 5. : 6: que : 10 ue : 2: : 29	21 ft.Ib 60 % 20 %	Insulation Service fa Temperat	class actor	: F : 1.15 : 80 K	
RC Rated torque Locked rotor tord Breakdown torqu Rated speed Heating constan Cooling constan	: 5. : 6: que : 10 ue : 2: : 29	21 ft.lb 60 % 20 % 960 rpm	Insulation Service fa Temperat	class actor ure rise	: F : 1.15 : 80 K : A	
RC Rated torque Locked rotor tord Breakdown torque Rated speed Heating constan	: 5. : 6: que : 10 ue : 2: : 29	21 ft.Ib 60 % 20 %	Insulation Service fa Temperat	class actor	: F : 1.15 : 80 K	Date
RC Rated torque Locked rotor tord Breakdown torque Rated speed Heating constan Cooling constan Rev.	: 5. : 6: que : 10 ue : 2: : 29	21 ft.lb 60 % 20 % 960 rpm	Insulation Service fa Temperat	class actor ure rise	: F : 1.15 : 80 K : A	Date
RC Rated torque Locked rotor tord Breakdown torqu Rated speed Heating constan Cooling constan	: 5. : 6: que : 10 ue : 2: : 29	21 ft.lb 60 % 20 % 960 rpm	Insulation Service fa Temperat	class actor ure rise	: F : 1.15 : 80 K : A	Date Revision

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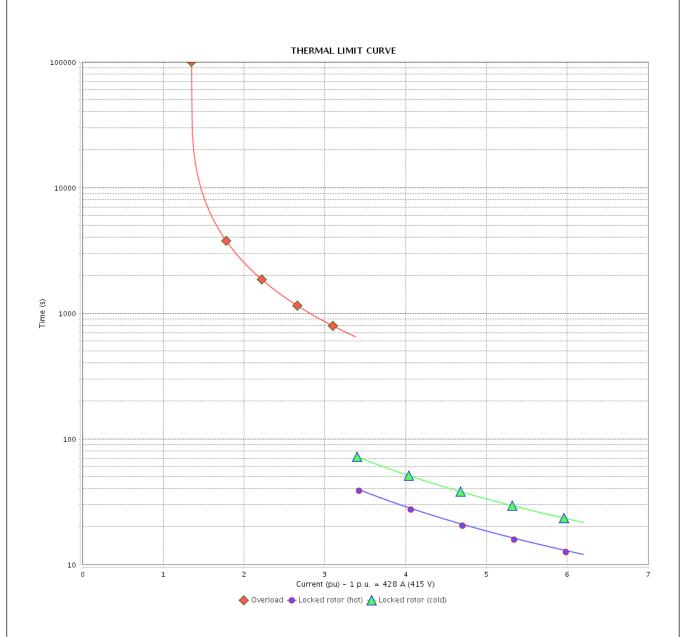


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Product line	_ 1	MAAO NEMA Dromium Effici	ionov.	Draduct and :	12560454	
Product line	: T	W40 NEMA Premium Effic hree-Phase	iency	Product code :	13568154	
				Catalog # :	35036OT3G	447/9TS-W40
Performance Rated current LRC Rated torque Locked rotor tord Breakdown torque	: 4. : 6 : 6. que : 1.	15 V 50 Hz 2P IE2 28 A .2 21 ft.lb 80 % 40 %	Moment of Duty cycle Insulation Service fa	class actor	: 35.7 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K	
Rated speed	: 2	960 rpm	Design		: A	
Heating constan						
Cooling constan	t	Changes Commercial		Dorform	Charles d	Det-
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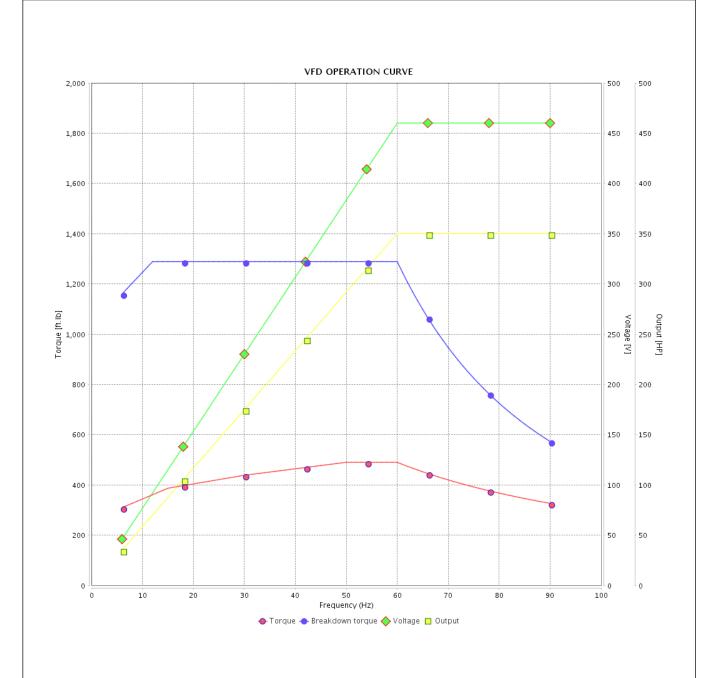


Customer

Product line : W40 NEMA Premium Efficiency Product code : 13568154

Three-Phase

Catalog #: 35036OT3G447/9TS-W40



Performance	: 4	60 V 60 Hz 2P					
Rated current		84 A	Moment of inertia (J)		: 35.7 sq.ft.lb		
LRC	: 6	5.5	Duty cycle	9	: Cont.(S1)		
Rated torque	: 5	16 ft.lb	Insulation	class	: F		
Locked rotor torq	ue : 1	70 %	Service fa	ector	: 1.15		
Breakdown torque		50 %	Temperat	Temperature rise		: 80 K	
Rated speed	: 3	565 rpm	Design		: A		
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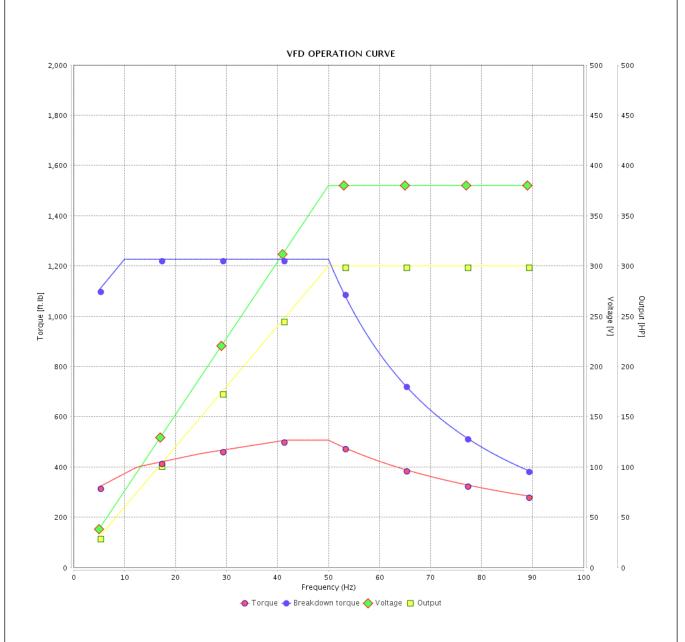
Product line : W40 NEMA Premium Efficiency

Three-Phase

Product code: 13568154

Catalog #: 35036OT3G447/9TS-W40

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Performance	:	380 V 50 Hz 2P IE3	3			
Rated current LRC Rated torque Locked rotor tord Breakdown torqu Rated speed	: que : ie :	388 A 6.1 533 ft.lb 160 % 229 % 2955 rpm	Moment o Duty cycle Insulation Service fa Temperatu Design	class ctor	: 35.7 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : A	
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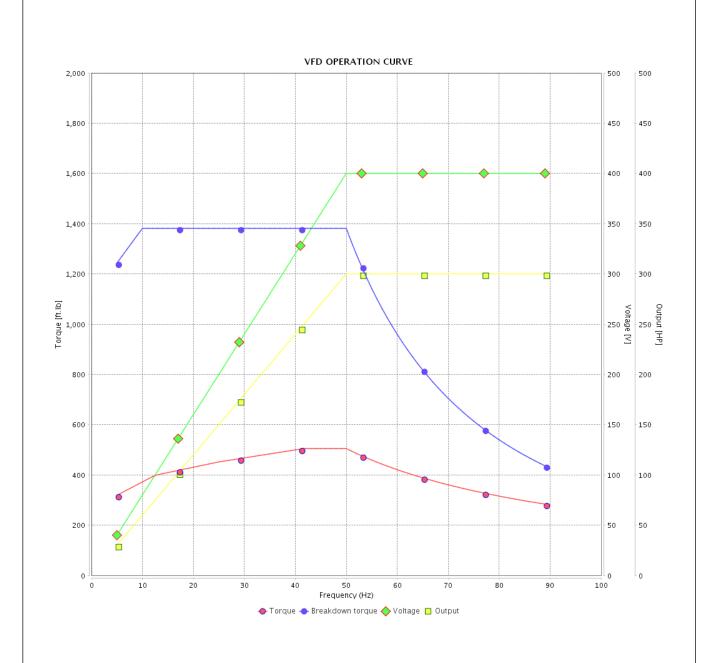
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Three-Phase

roduct code: 13568154

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Performance	: 400 V 50 Hz 2P IE3				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 372 A : 6.7 : 531 ft.lb : 190 % : 260 % : 2965 rpm	Moment of Duty cycle Insulation Service fa Temperatures	class ctor	: 35.7 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : A	
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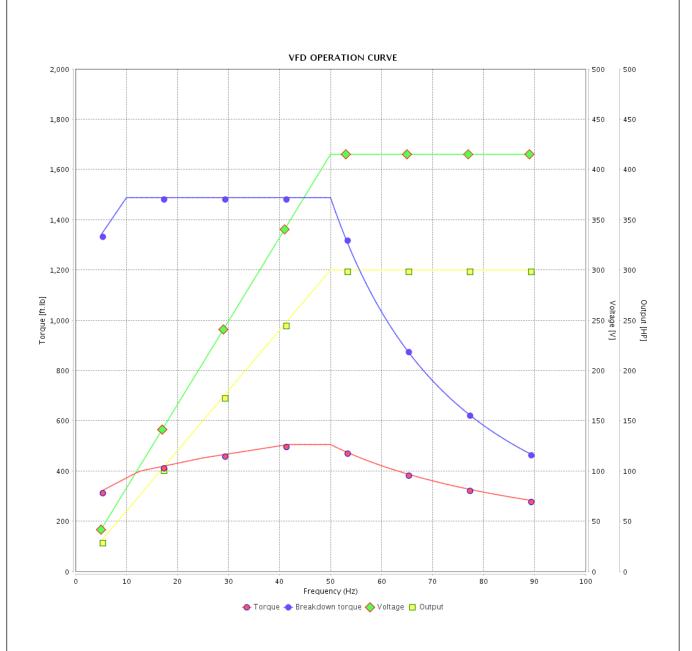
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Product line : W40 NEMA Premium Efficiency

Three-Phase

Product code: 13568154

Catalog #: 35036OT3G447/9TS-W40



Performance	: 4	15 V 50 Hz 2P IE3				
Rated current : 359		59 A	Moment o	Moment of inertia (J)		
LRC	: 7	.2	Duty cycle	e ` ´	: Cont.(S1)	
Rated torque	: 5	31 ft.lb	Insulation	class	: F	
Locked rotor torq	ue : 2	10 %	Service fa	actor	: 1.15	
•		80 %	Temperat	Temperature rise		
Rated speed	: 2	965 rpm	Design		: A	
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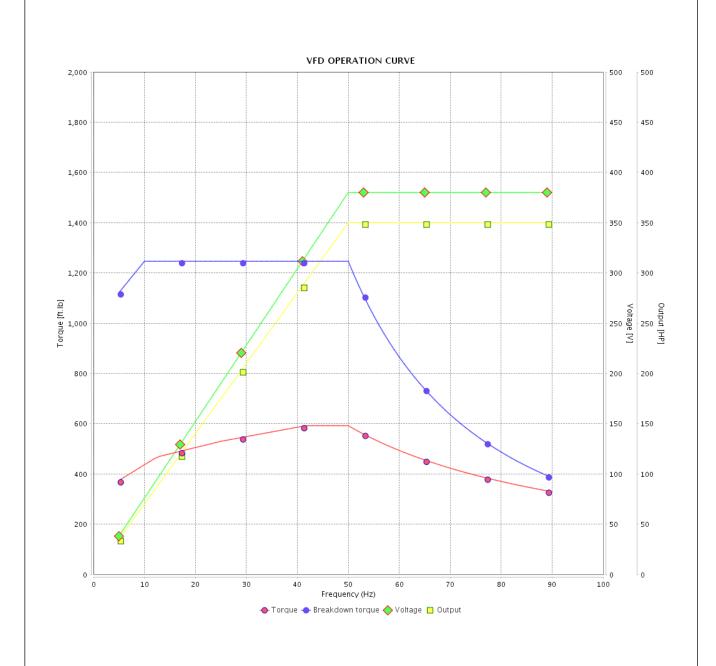
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Product line : W40 NEMA Premium Efficiency

Three-Phase

Product code: 13568154

Catalog #: 35036OT3G447/9TS-W40



Performance	: 3	880 V 50 Hz 2P IE2				
Rated current		162 A	Moment of inertia (J)		: 35.7 sq.ft.lb	
LRC	: 5	5.2	Duty cycle	:	: Cont.(S1)	
Rated torque	: 6	323 ft.lb	Insulation	class	: F	
Locked rotor torqu	e :1	40 %	Service fa	ctor	: 1.15	
Breakdown torque		200 %	Temperature rise		: 80 K	
Rated speed	: 2	2950 rpm	Design		: A	
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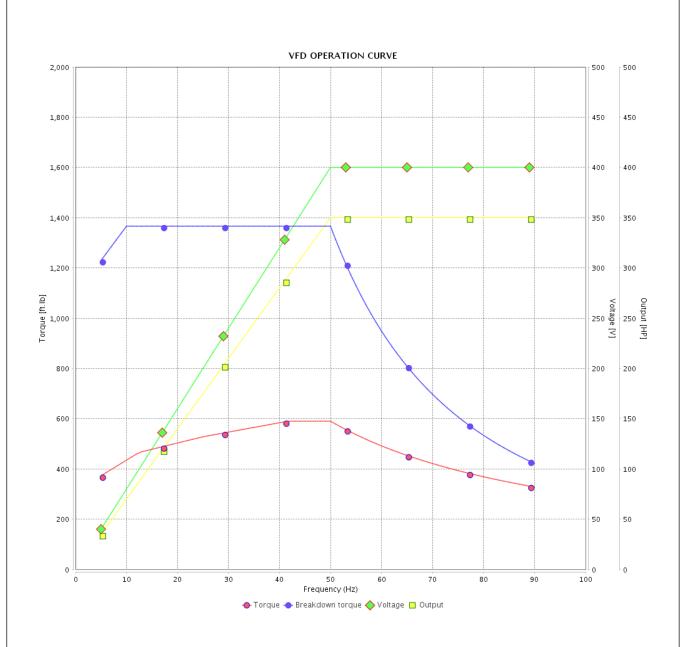
Product line : W40 NEMA Premium Efficiency

Three-Phase

Product code: 13568154

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Donformana	. 400 \/ 50 LI= 2D IE2	·		
Performance	: 400 V 50 Hz 2P IE2	1		
Rated current	: 444 A	Moment of inertia (J)	: 35.7 sq.ft.lb	
LRC	: 5.7	Duty cycle	: Cont.(S1)	
Rated torque	: 621 ft.lb	Insulation class	: F	
Locked rotor torque	: 160 %	Service factor	: 1.15	
Breakdown torque	: 220 %	Temperature rise	: 80 K	
Rated speed	: 2960 rpm	Design	: A	
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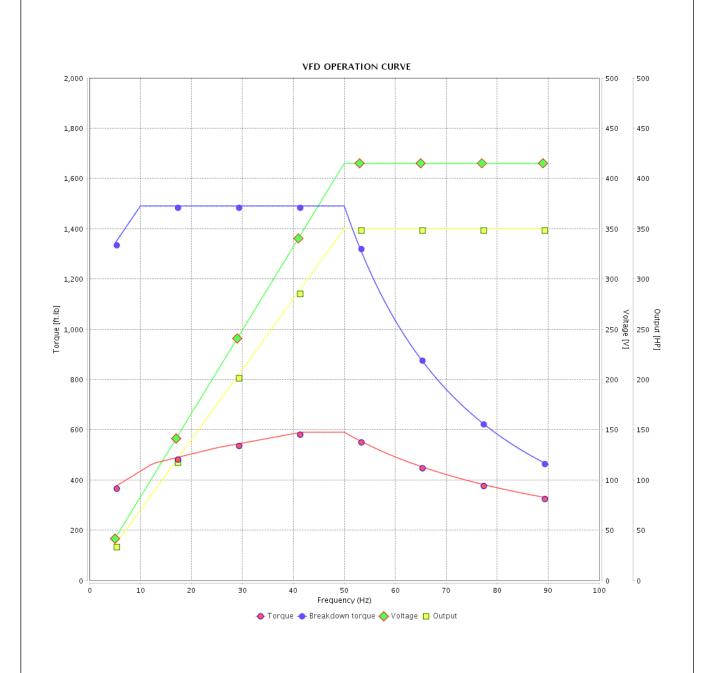
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Product line : W40 NEMA Premium Efficiency

Three-Phase

Product code: 13568154

Catalog #: 35036OT3G447/9TS-W40



Performance		: 415 V 50 Hz 2P IE2					
Rated current		-28 A	28 A Moment of inertia (J)		: 35.7 sq.ft.lb		
LRC	: 6	5.2	Duty cycle	}	: Cont.(S1)		
Rated torque	: 6	21 ft.lb	Insulation	class	: F		
Locked rotor torqu	e :1	80 %	Service fa	ctor	: 1.15		
Breakdown torque		40 %	Temperatu	Temperature rise		: 80 K	
Rated speed	: 2	.960 rpm	Design		: A		
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