DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase Product code : 11584354

Catalog #: 02509ST3QIE326T-W22

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

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 : 561 lb

| Output [HP] | Protection degree | е | : IP55 - | | Momer | nt of inertia (J) | ia (J) : 11.9 sq.ft.lb | | |
|--|--------------------------|------|-------------|------------|--------------|-------------------|------------------------|--------------|------------|
| Poles | Design | | : B | | | | | | |
| Frequency [Hz] | Output [HP] | | 25 | 20 | 20 | 20 | 25 | 25 | 25 |
| Rated voltage [V] | Poles | | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| Rated current [A] 35.9 35.3 35.6 36.4 42.3 41.4 42.5 41.4 42.5 41.4 42.5 41.4 42.5 41.4 42.5 41.4 42.5 41.4 42.5 41.4 42.5 41.4 42.5 41.4 42.5 41.4 42.5 41.4 42.5 41.4 42.5 42.5 41.6 41.5 42.5 41.5 4 | Frequency [Hz] | | 60 | 50 | 50 | 50 | 50 | 50 | 50 |
| L. R. Amperes [A] | Rated voltage [V] | | 460 | 380 | 400 | 415 | 380 | 400 | 415 |
| Description Color | Rated current [A] | | 35.9 | 35.3 | 35.6 | 36.4 | 42.3 | 41.4 | 41.1 |
| No load current [A] 20.0 19.6 22.2 24.6 19.6 22.2 25.7 | L. R. Amperes [A] | | 187 | 177 | 192 | 200 | 178 | 190 | 197 |
| No load current [A] | LRC [A] | | 5.2x(Code | 5.0x(Code | 5.4x(Code H) | 5.5x(Code J) | 4.2x(Code E) | 4.6x(Code F) | 4.8x(Code |
| Rated speed [RPM] | | | G) | G) | | | | | G) |
| Slip [%] | | | 20.0 | 19.6 | 22.2 | 24.6 | 19.6 | 22.2 | 24.6 |
| Rated torque [ff.lb] | | 1] | 880 | 730 | 730 | 735 | 725 | 725 | 730 |
| Locked rotor torque [%] 200 190 210 240 150 170 70 70 70 70 70 70 | | | 2.22 | 2.67 | 2.67 | 2.00 | 3.33 | 3.33 | 2.67 |
| Service factor | Rated torque [ft.lb] | | 149 | 144 | 144 | 143 | 181 | 181 | 180 |
| Service factor | Locked rotor torque [%] | | | | _ | 240 | 150 | 170 | 190 |
| Temperature rise | Breakdown torque | [%] | 229 | 229 | 250 | 280 | 180 | 200 | 220 |
| Locked rotor time | Service factor | | 1.25 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 |
| Noise level 23s (hot) 17s (hot) 17 | Temperature rise | | 80 K | 80 K | 80 K | 80 K | 105 K | 80 K | 80 K |
| Noise level² 56.0 dB(A) | Locked rotor time | | | 30s (cold) | 30s (cold) | 30s (cold) | 30s (cold) | 30s (cold) | 30s (cold) |
| Efficiency (%) 25% 89.2 89.5 86.4 85.0 90.7 88.2 8 85.0 89.5 88.5 8 85.0 90.7 88.2 88.5 88.5 88.5 89.5 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6 | | | 23s (hot) | 17s (hot) | 17s (hot) | 17s (hot) | 17s (hot) | 17s (hot) | 17s (hot) |
| Efficiency (%) | Noise level ² | | 56.0 dB(A) | 56.0 dB(A) | 56.0 dB(A) | 56.0 dB(A) | 56.0 dB(A) | 56.0 dB(A) | 56.0 dB(A) |
| Power Factor 91.0 90.1 89.1 88.6 90.2 89.5 89.5 89.5 89.6 89.6 89.6 89.6 89.6 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 | | | | 89.5 | 86.4 | 85.0 | | 88.2 | 87.2 |
| Power Factor 75% 91.0 90.1 89.1 88.6 90.2 89.5 88.5 89.5 89 | Efficiency (%) | | 89.5 | 89.3 | 87.2 | 86.2 | 89.5 | 88.5 | 87.5 |
| Power Factor 25% 0.30 0.30 0.26 0.23 0.35 0.31 0.00 50% 0.51 0.51 0.46 0.42 0.58 0.53 0.00 75% 0.64 0.64 0.59 0.55 0.70 0.66 0.00 | Liliciency (70) | | 91.0 | 90.1 | 89.1 | 88.6 | 90.2 | 89.5 | 89.5 |
| Power Factor 50% 0.51 0.51 0.46 0.42 0.58 0.53 0.53 75% 0.64 0.64 0.59 0.55 0.70 0.66 0.00 | | 100% | 91.0 | 89.6 | 89.6 | 89.6 | 88.5 | 89.5 | 89.5 |
| Power Factor 75% 0.64 0.64 0.59 0.55 0.70 0.66 0 | | 25% | 0.30 | 0.30 | 0.26 | 0.23 | 0.35 | 0.31 | 0.28 |
| 75% 0.64 0.64 0.59 0.55 0.70 0.66 0 | Power Factor | | 0.51 | 0.51 | 0.46 | 0.42 | 0.58 | 0.53 | 0.49 |
| 100% 0.71 0.71 0.67 0.64 0.75 0.72 0.72 | I OWEI FACIOI | 75% | 0.64 | 0.64 | 0.59 | 0.55 | 0.70 | 0.66 | 0.62 |
| 100/6 0.71 0.71 0.07 0.04 0.75 0.72 0 | | 100% | 0.71 | 0.71 | 0.67 | 0.64 | 0.75 | 0.72 | 0.70 |

<u>Drive end</u> <u>Non drive end</u> Foundation loads

Bearing type : 6312 C3 6212 C3 Max. traction : 1238 lb
Sealing : Inpro/Seal Inpro/Seal Lubrication interval : 20000 h 20000 h

Lubricant amount : 21 g 13 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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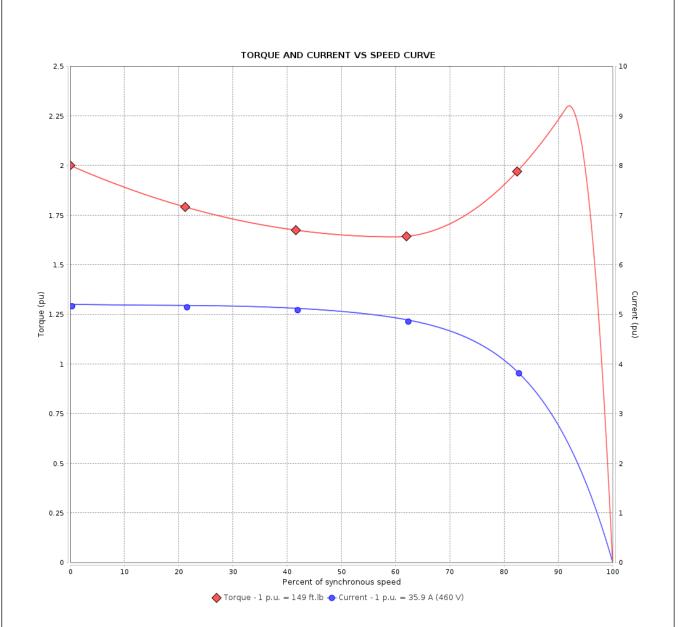
Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase Product code : 11584354

Catalog #: 02509ST3QIE326T-W22



| Performance : 460 \ | √ 60 Hz 8P | |
|---|---|--|
| Rated current : 35.9 / LRC : 5.2 Rated torque : 149 ft Locked rotor torque : 200 % Breakdown torque : 229 % Rated speed : 880 r | Duty cycle Insulation class Service factor Temperature rise | : 11.9 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B |

Locked rotor time : 41s (cold) 23s (hot)

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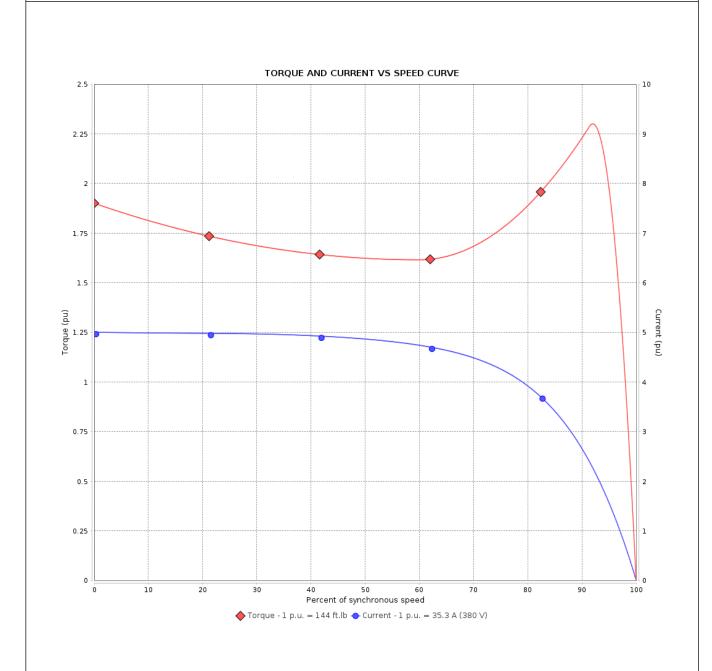
Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase Product code : 11584354

Catalog #: 02509ST3QIE326T-W22



| Performance | : 380 V 50 Hz 8P IE3 | | | |
|---------------------|----------------------|-----------------------|-----------------|--|
| Rated current | : 35.3 A | Moment of inertia (J) | : 11.9 sq.ft.lb | |
| LRC | : 5.0 | Duty cycle | : Cont.(S1) | |
| Rated torque | : 144 ft.lb | Insulation class | : F | |
| Locked rotor torque | : 190 % | Service factor | : 1.15 | |
| Breakdown torque | : 229 % | Temperature rise | : 80 K | |
| Rated speed | : 730 rpm | Design | : B | |

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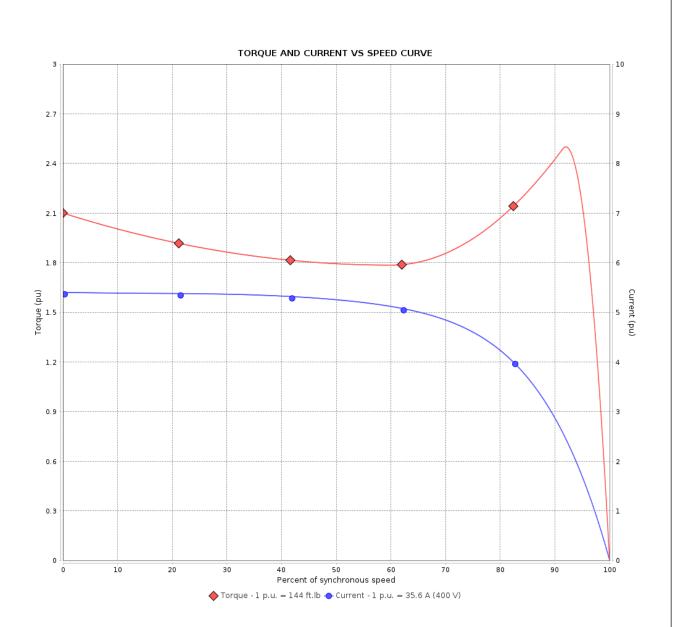
Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase Product code : 11584354

Catalog #: 02509ST3QIE326T-W22



| Performance : | : 400 V 50 Hz 8P IE3 | | |
|---|---|--|--|
| Rated current : LRC : Rated torque : Locked rotor torque : Breakdown torque : | : 35.6 A : 5.4 : 144 ft.lb : 210 % : 250 % : 730 rpm | Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design | : 11.9 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B |

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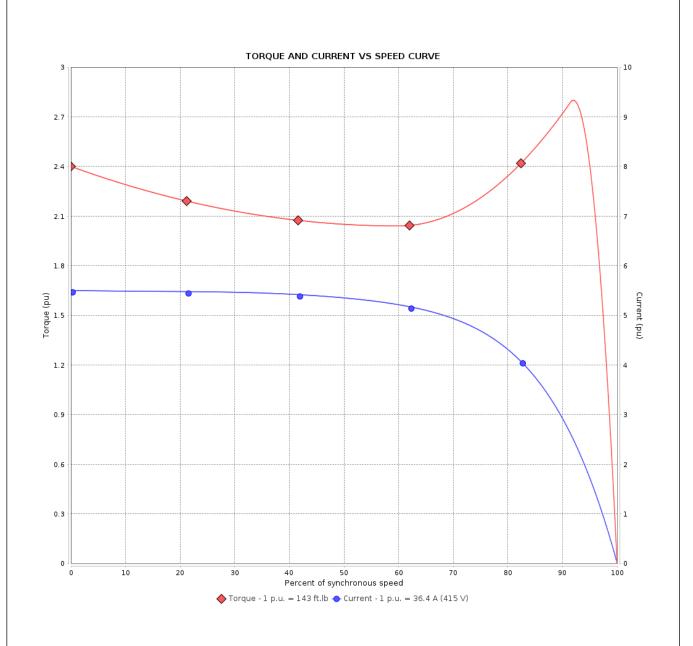
Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase Product code : 11584354

Catalog #: 02509ST3QIE326T-W22



| Performance | : 415 V 50 Hz 8P IE3 | | | |
|---------------------|----------------------|-----------------------|-----------------|--|
| Rated current | : 36.4 A | Moment of inertia (J) | : 11.9 sq.ft.lb | |
| LRC | : 5.5 | Duty cycle | : Cont.(S1) | |
| Rated torque | : 143 ft.lb | Insulation class | : F | |
| Locked rotor torque | : 240 % | Service factor | : 1.15 | |
| Breakdown torque | : 280 % | Temperature rise | : 80 K | |
| Rated speed | : 735 rpm | Design | : B | |

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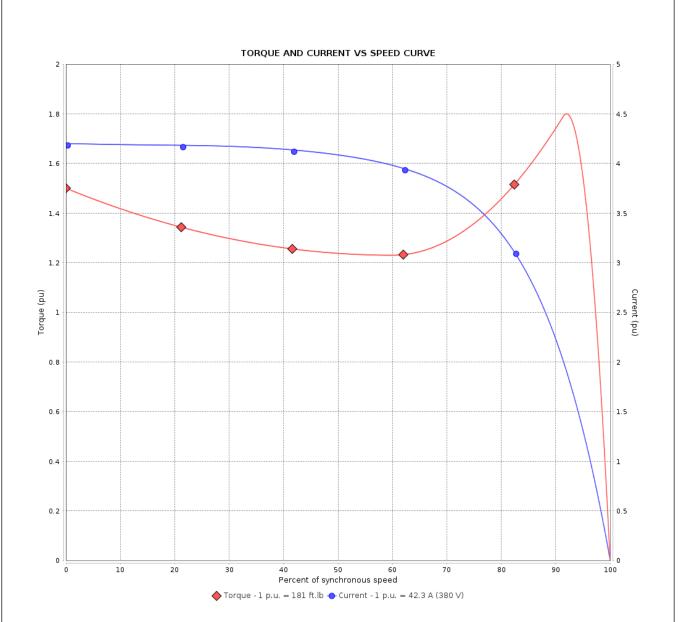
Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase Product code : 11584354

Catalog #: 02509ST3QIE326T-W22



| Performance | : 380 V 50 Hz 8P IE1 | | |
|---------------------|----------------------|-----------------------|-----------------|
| Rated current | : 42.3 A | Moment of inertia (J) | : 11.9 sq.ft.lb |
| LRC | : 4.2 | Duty cycle | : Cont.(S1) |
| Rated torque | : 181 ft.lb | Insulation class | :F |
| Locked rotor torque | : 150 % | Service factor | : 1.15 |
| Breakdown torque | : 180 % | Temperature rise | : 105 K |
| Rated speed | : 725 rpm | Design | : B |

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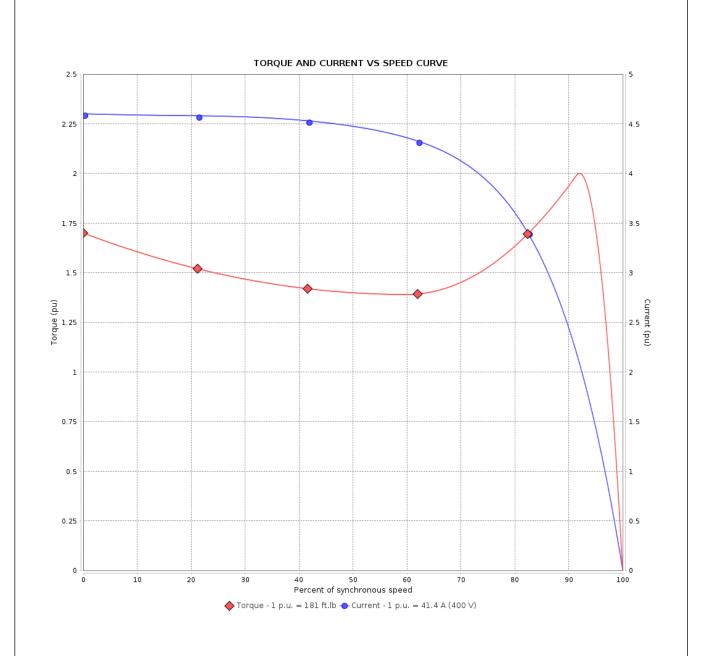
Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase Product code : 11584354

Catalog #: 02509ST3QIE326T-W22



| Performance | : 400 V 50 Hz 8P IE2 | | |
|---------------------|------------------------|-----------------------|-----------------|
| Rated current | : 41.4 A | Moment of inertia (J) | : 11.9 sq.ft.lb |
| LRC | : 4.6 | Duty cycle | : Cont.(S1) |
| Rated torque | : 181 ft.lb | Insulation class | : F |
| Locked rotor torque | : 170 % | Service factor | : 1.15 |
| Breakdown torque | : 200 % | Temperature rise | : 80 K |
| Rated speed | : 725 rpm | Design | : B |
| Locked reter time | : 30s (sold) 17s (hot) | | |

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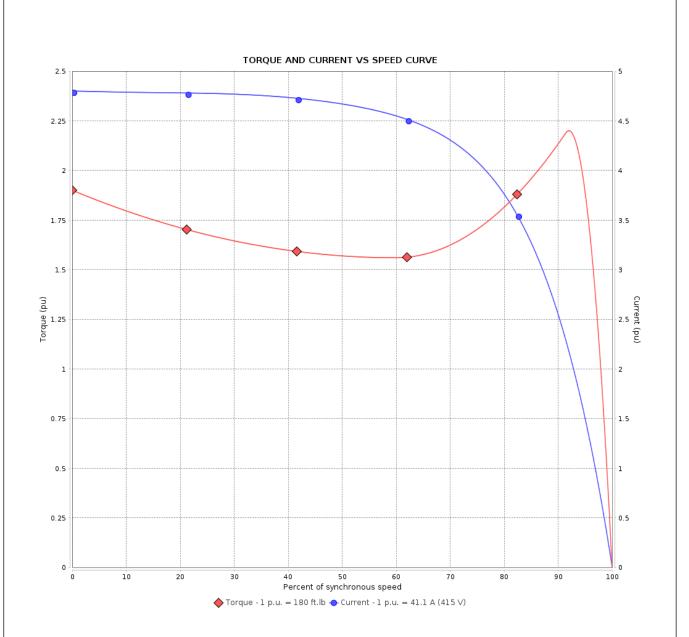
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Customer :

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Catalog #: 02509ST3QIE326T-W22



| Rated current : 41.1 A Moment of inertia (J) : 11.9 sq.ft lb | Performance | : 415 V 50 Hz 8P IE2 | | | |
|--|---|--|--|-------------------------|--|
| LRC : 4.8 Duty cycle : Cont.(S1) Rated torque : 180 ft.lb Insulation class : F Locked rotor torque : 190 % Service factor : 1.15 Breakdown torque : 220 % Temperature rise : 80 K Rated speed : 730 rpm Design : B | Rated current LRC Rated torque Locked rotor torque Breakdown torque | : 41.1 A : 4.8 : 180 ft.lb : 190 % : 220 % | Insulation class Service factor Temperature rise | : F : 1.15 : 80 K | |

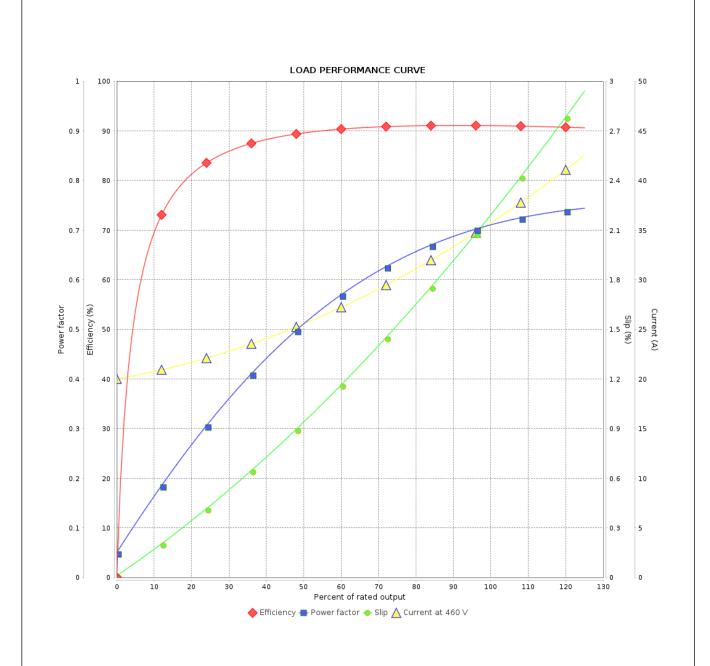
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Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase Product code : 11584354



| Performance | : 460 V 60 Hz 8 | P | | | |
|-------------------|-----------------|------------|---------------|-----------------|------|
| Rated current | : 35.9 A | Moment o | f inertia (J) | : 11.9 sq.ft.lb | |
| LRC | : 5.2 | Duty cycle | ; | : Cont.(S1) | |
| Rated torque | : 149 ft.lb | Insulation | class | : F | |
| Locked rotor tord | que : 200 % | Service fa | ctor | : 1.25 | |
| Breakdown torqu | ie : 229 % | Temperatu | ıre rise | : 80 K | |
| Rated speed | : 880 rpm | Design | | : B | |
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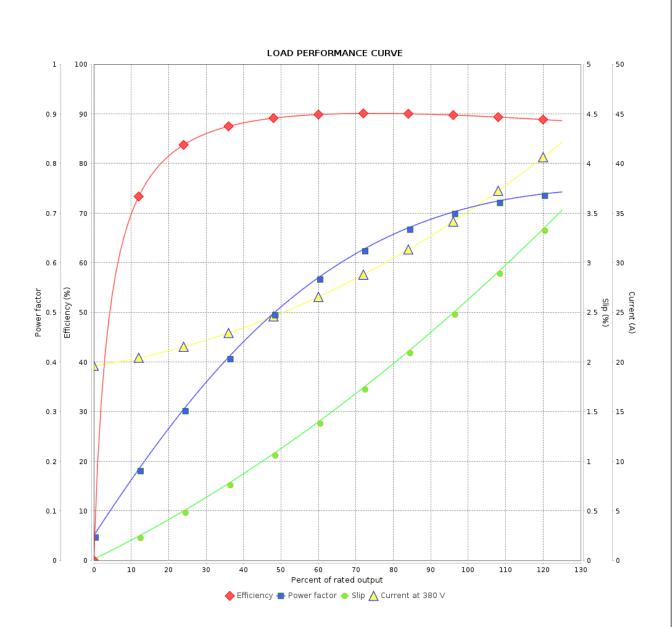


Customer :

Product line : NEMA Premium Efficiency Three-Phase Product code : 11584354

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| Performance | : 380 V 50 Hz 8P IE3 | | | | |
|--|---|---|----------------|--|----------|
| Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed | : 35.3 A : 5.0 : 144 ft.lb : 190 % : 229 % : 730 rpm | Moment of Duty cycle Insulation Service fa Temperate Design | class actor | : 11.9 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B | |
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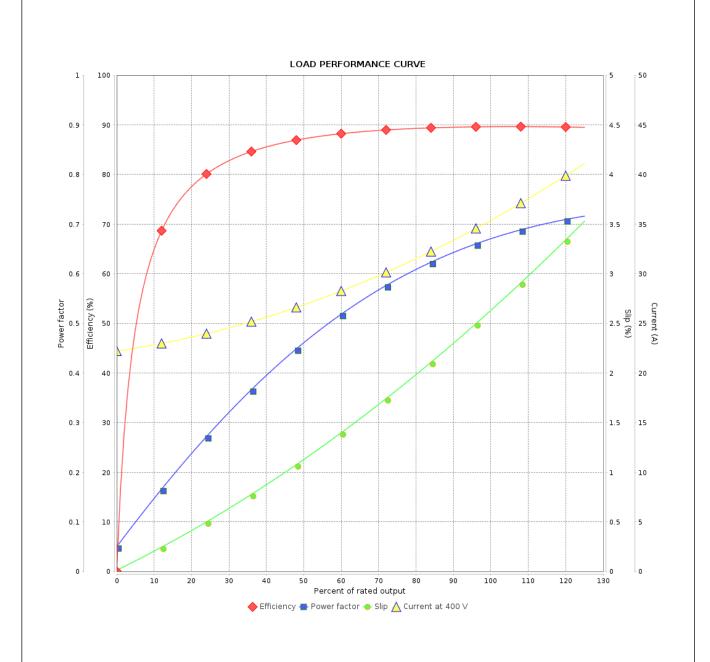
Three Phase Induction Motor - Squirrel Cage



Customer

Product line : NEMA Premium Efficiency Three-Phase Product code: 11584354

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| Performance | : | 400 V 50 Hz 8P IE3 | | | | |
|-------------------|------------|--------------------|------------|---------------|-----------------|----------|
| Rated current | : | 35.6 A | Moment o | f inertia (J) | : 11.9 sq.ft.lb | |
| LRC | : | 5.4 | Duty cycle |) | : Cont.(S1) | |
| Rated torque | : | 144 ft.lb | Insulation | class | : F | |
| Locked rotor torq | ue : | 210 % | Service fa | ctor | : 1.15 | |
| Breakdown torqu | e :: | 250 % | Temperati | ure rise | : 80 K | |
| Rated speed | : | 730 rpm | Design | | : B | |
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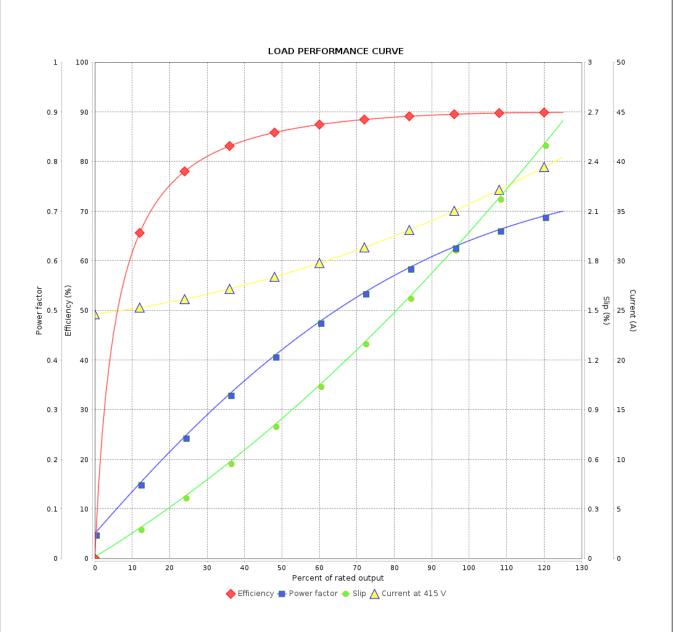
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Revision



| Performance | : 4 | 15 V 50 Hz 8P IE3 | | | | |
|---|-------------------------------------|---|--|---------------|--|------|
| Rated current LRC Rated torque Locked rotor tord Breakdown torqu Rated speed | : 5. : 14 jue : 24 ie : 28 | 6.4 A .5 43 ft.lb 40 % 80 % 35 rpm | Moment of Duty cycle Insulation Service fa Temperate Design | class ctor | : 11.9 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B | |
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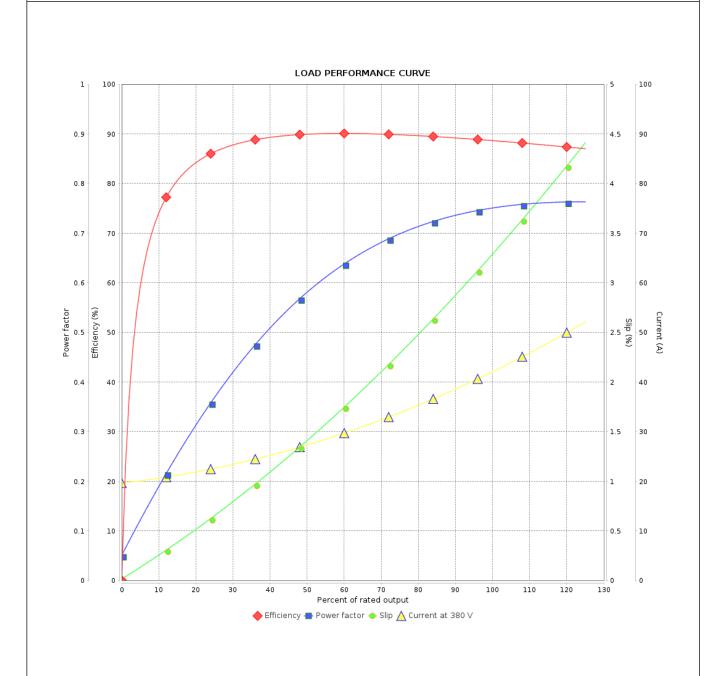


Customer :

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| Performance | : 380 V 50 Hz 8P IE1 | | | | |
|--|---|--|----------------|---|----------|
| Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed | : 42.3 A : 4.2 : 181 ft.lb : 150 % : 180 % : 725 rpm | Moment of Duty cycle Insulation Service fa Temperati Design | class actor | : 11.9 sq.ft.lb : Cont.(S1) : F : 1.15 : 105 K : B | |
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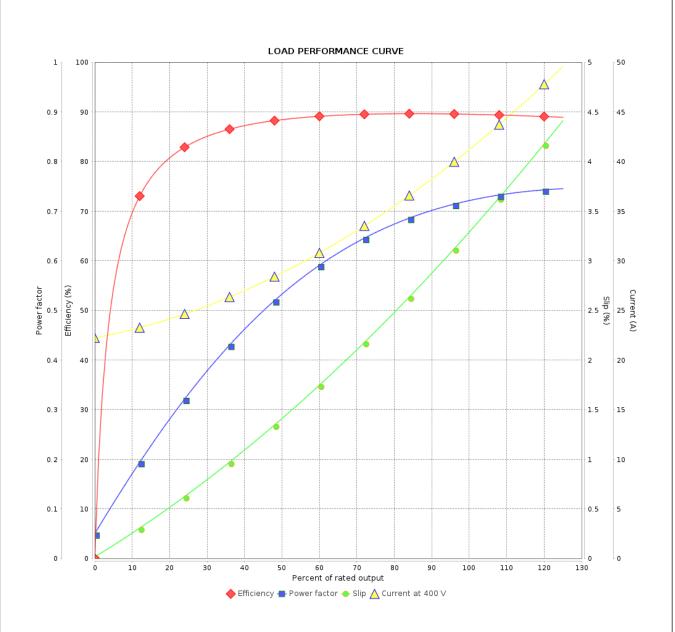
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Revision



| Performance | : 4 | 00 V 50 Hz 8P IE2 | | | | |
|---|-----------------------|---|--|---------------|--|------|
| Rated current LRC Rated torque Locked rotor tord Breakdown torqu Rated speed | : 4 : 1 jue : 1 | 1.4 A .6 81 ft.lb 70 % 00 % 25 rpm | Moment of Duty cycle Insulation Service fa Temperati Design | class ctor | : 11.9 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B | |
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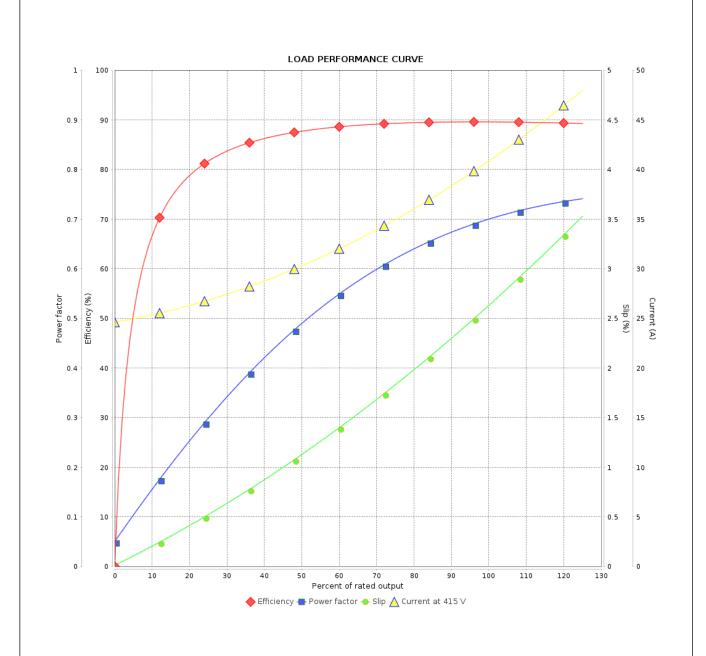


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| Performance | : 415 V 50 Hz 8P IE2 | | | |
|---------------------|----------------------|-----------------------|-----------------|----------|
| Rated current | : 41.1 A | Moment of inertia (J) | : 11.9 sq.ft.lb | |
| LRC | : 4.8 | Duty cycle | : Cont.(S1) | |
| Rated torque | : 180 ft.lb | Insulation class | : F | |
| Locked rotor torque | : 190 % | Service factor | : 1.15 | |
| Breakdown torque | : 220 % | Temperature rise | : 80 K | |
| Rated speed | : 730 rpm | Design | : B | |
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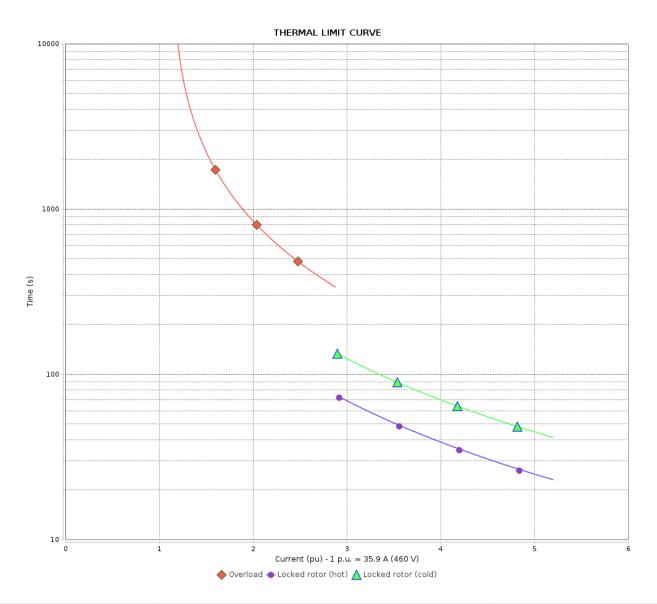
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Product line : NEMA Premium Efficiency Three-Phase

Product code: 11584354



| Performance | : 460 V 60 Hz 8P | | | |
|---|--|---|---|--|
| Rated current LRC Rated torque Locked rotor torque Breakdown torque | : 35.9 A : 5.2 : 149 ft.lb : 200 % : 229 % | Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise | : 11.9 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K | |
| Rated speed Heating constant Cooling constant | : 880 rpm | Design | : B | |

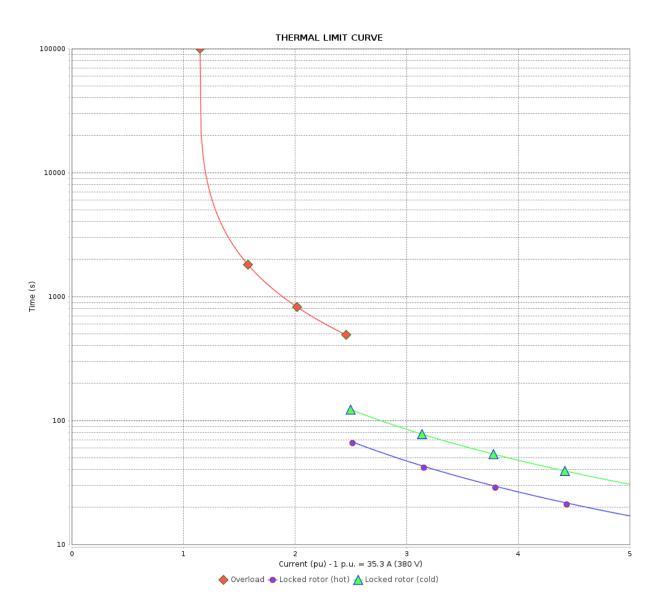
| Cooling constant | ţ | | | | |
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Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase Product code : 11584354



| Performance | : 380 V 50 Hz 8P IE3 | | |
|---------------------|----------------------|-----------------------|-----------------|
| Rated current | : 35.3 A | Moment of inertia (J) | : 11.9 sq.ft.lb |
| LRC | : 5.0 | Duty cycle | : Cont.(S1) |
| Rated torque | : 144 ft.lb | Insulation class | : F |
| Locked rotor torque | : 190 % | Service factor | : 1.15 |
| Breakdown torque | : 229 % | Temperature rise | : 80 K |
| Rated speed | : 730 rpm | Design | : B |
| Heating constant | | | |
| Cooling constant | | | |

| Cooling constant | t | | | | |
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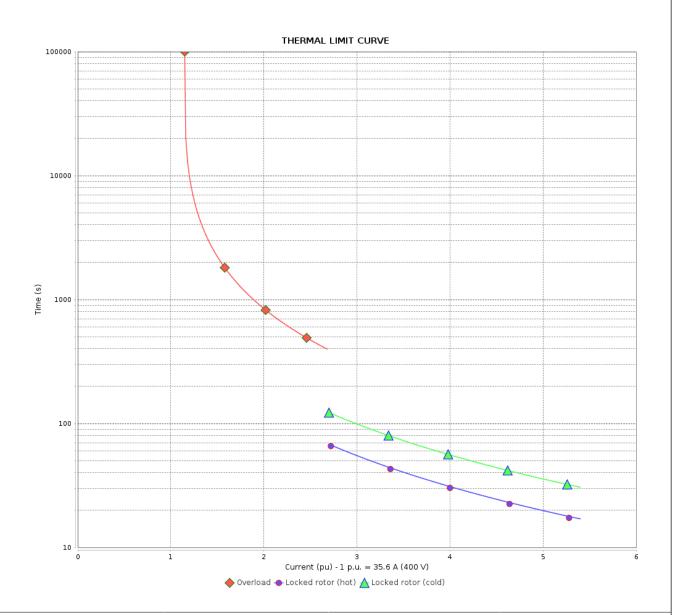


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| Performance | : 400 V 50 Hz 8P IE3 | | |
|---------------------|----------------------|-----------------------|-----------------|
| Rated current | : 35.6 A | Moment of inertia (J) | : 11.9 sq.ft.lb |
| LRC | : 5.4 | Duty cycle | : Cont.(S1) |
| Rated torque | : 144 ft.lb | Insulation class | : F |
| Locked rotor torque | : 210 % | Service factor | : 1.15 |
| Breakdown torque | : 250 % | Temperature rise | : 80 K |
| Rated speed | : 730 rpm | Design | : B |
| Heating constant | | | |

Cooling constant

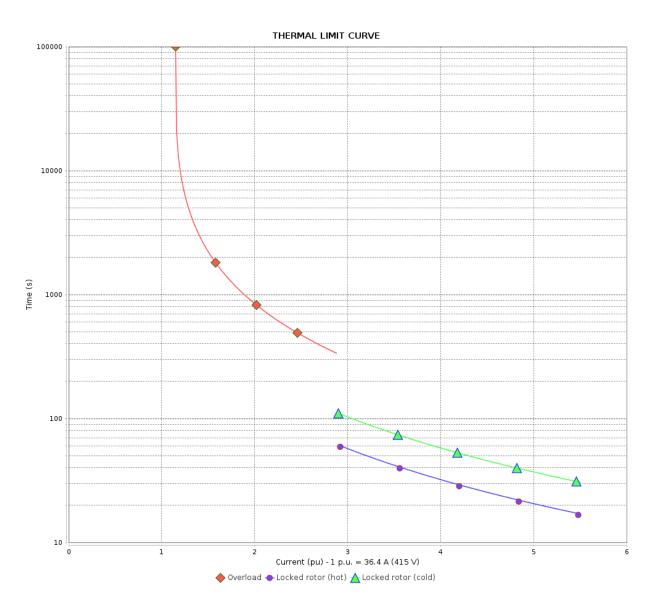
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Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase Product code : 11584354



| Performance | : 415 V 50 Hz 8P IE3 | | |
|---------------------|----------------------|-----------------------|-----------------|
| Rated current | : 36.4 A | Moment of inertia (J) | : 11.9 sq.ft.lb |
| LRC | : 5.5 | Duty cycle | : Cont.(S1) |
| Rated torque | : 143 ft.lb | Insulation class | : F |
| Locked rotor torque | : 240 % | Service factor | : 1.15 |
| Breakdown torque | : 280 % | Temperature rise | : 80 K |
| Rated speed | : 735 rpm | Design | : B |
| Heating constant | | | |
| Cooling constant | | | |

| Cooling constant | t | | | | |
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Three Phase Induction Motor - Squirrel Cage

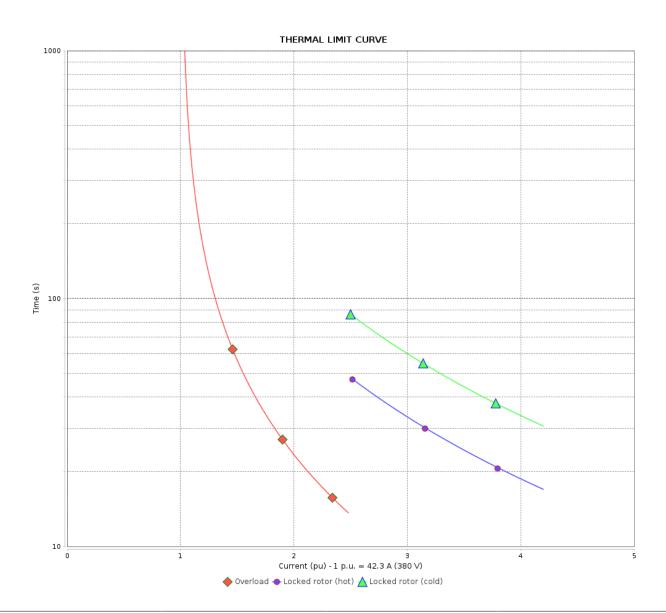


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Product line : NEMA Premium Efficiency Three-Phase

Product code: 11584354

Catalog #: 02509ST3QIE326T-W22



Performance : 380 V 50 Hz 8P IE1 Rated current : 42.3 A Moment of inertia (J) : 11.9 sq.ft.lb **LRC** : 4.2 Duty cycle : Cont.(S1) Insulation class : 181 ft.lb : F Rated torque : 1.15 Locked rotor torque : 150 % Service factor Breakdown torque : 180 % : 105 K Temperature rise Rated speed : 725 rpm Design Heating constant

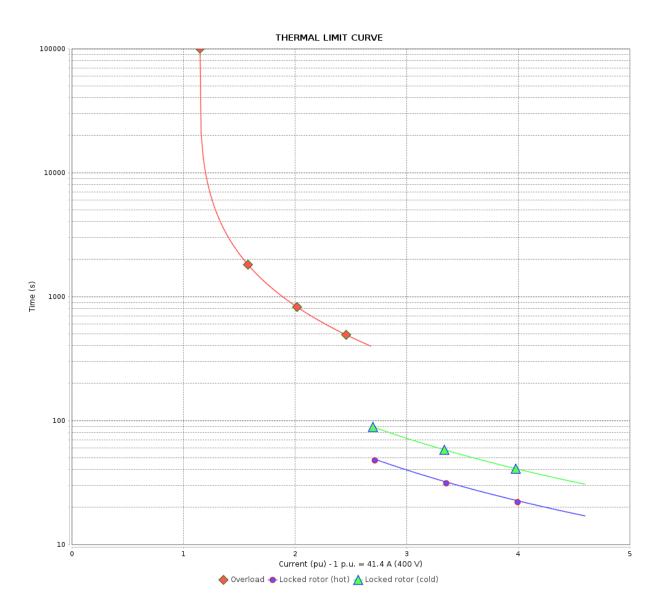
| Cooling constant | t | | | | |
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Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase Product code : 11584354



| Performance | : 400 V 50 Hz 8P IE2 | | |
|---|--|---|---|
| Rated current LRC Rated torque Locked rotor torque Breakdown torque | : 41.4 A : 4.6 : 181 ft.lb : 170 % : 200 % | Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise | : 11.9 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K |
| Rated speed Heating constant Cooling constant | : 725 rpm | Design | : B |

| Cooling constant | t | | | | |
|------------------|------------|-----------------|-----------|---------|----------|
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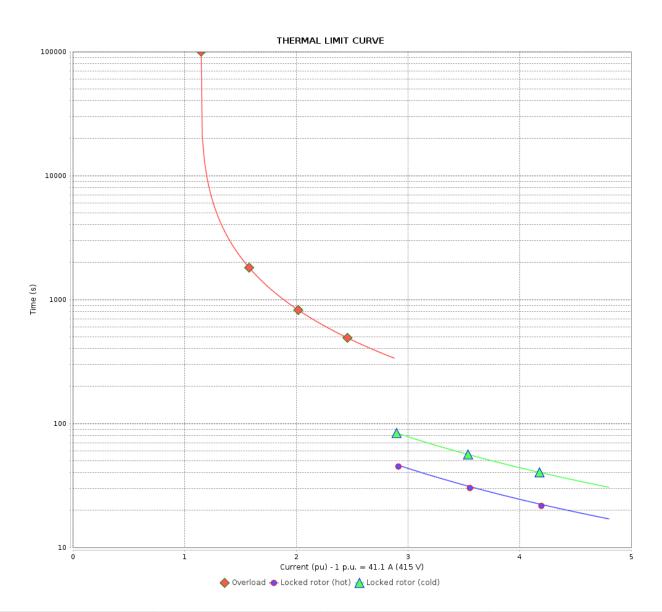
Three Phase Induction Motor - Squirrel Cage



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Product line : NEMA Premium Efficiency Three-Phase

Product code: 11584354



| Performance | : 415 V 50 Hz 8P IE2 | | | |
|---------------------|----------------------|-----------------------|-----------------|--|
| Rated current | : 41.1 A | Moment of inertia (J) | : 11.9 sq.ft.lb | |
| LRC | : 4.8 | Duty cycle | : Cont.(S1) | |
| Rated torque | : 180 ft.lb | Insulation class | : F | |
| Locked rotor torque | : 190 % | Service factor | : 1.15 | |
| Breakdown torque | : 220 % | Temperature rise | : 80 K | |
| Rated speed | : 730 rpm | Design | : B | |
| Heating constant | | | | |
| Cooling constant | | | | |

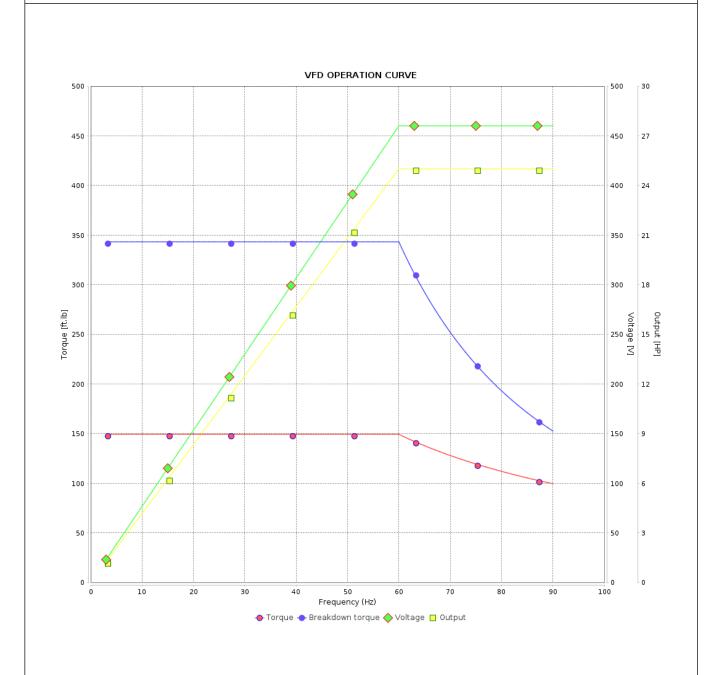
| Cooling constant | t | | | | |
|------------------|------------|-----------------|-----------|---------|----------|
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Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase Product code : 11584354



| Performance | : 460 V 60 Hz 8P | | | |
|--|----------------------------------|---|---------------------------------------|--|
| Rated current LRC Rated torque | : 35.9 A : 5.2 : 149 ft.lb | Moment of inertia (J) Duty cycle Insulation class | : 11.9 sq.ft.lb : Cont.(S1) : F | |
| Locked rotor torque Breakdown torque Rated speed | : 200 % : 229 % : 880 rpm | Service factor Temperature rise Design | : 1.25 : 80 K : B | |
| _ | | | | |

| Nated Speed | . 0 | oo ipiii | Design | | . Б | |
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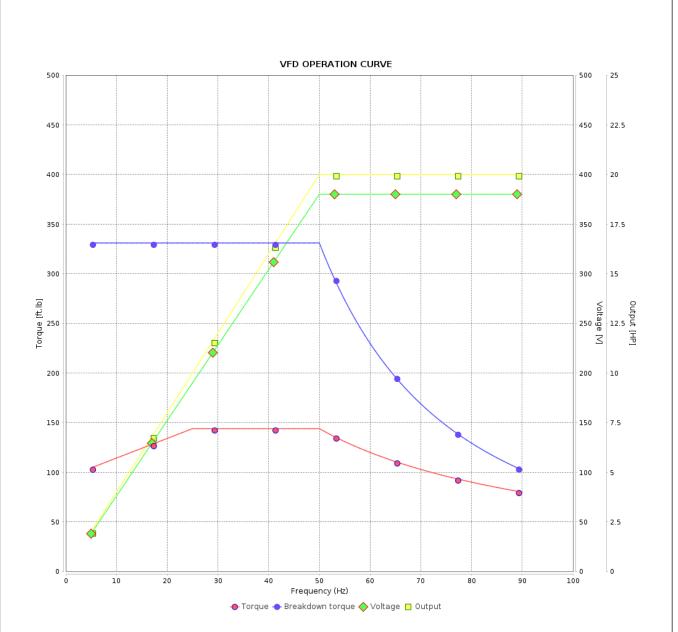
Three Phase Induction Motor - Squirrel Cage



Customer :

Performed by

Product line : NEMA Premium Efficiency Three-Phase Product code : 11584354



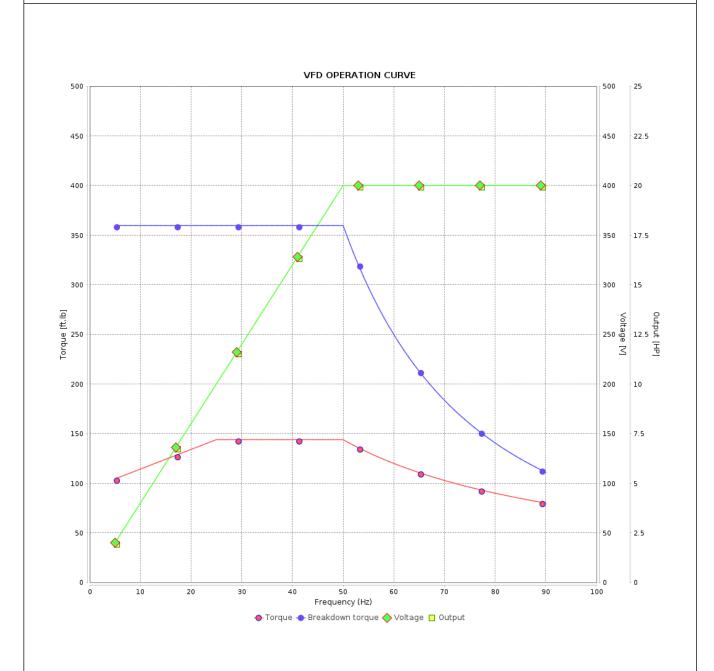
| Performance | | : 380 V 50 Hz 8P IE3 | 3 | | | |
|---|--|---|------------------------------|---|---------|------|
| Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed | | : 35.3 A : 5.0 : 144 ft.lb : 190 % : 229 % : 730 rpm | Duty c Insulat Service | Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise | | |
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Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase Product code : 11584354



| Performance | | : 400 V 50 Hz 8P IE3 | | | | |
|----------------------|--|----------------------|------------|---------------|-----------------|--|
| Rated current | | : 35.6 A | Moment o | f inertia (J) | : 11.9 sq.ft.lb | |
| LRC | | : 5.4 | Duty cycle |) | : Cont.(S1) | |
| Rated torque | ated torque : 144 ft.lb Insulation class | | class | : F | | |
| Locked rotor torg | que | : 210 % | Service fa | ctor | : 1.15 | |
| Breakdown torqu | ie | : 250 % | Temperati | ıre rise | : 80 K | |
| Rated speed | | : 730 rpm | Design | | : B | |
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Three Phase Induction Motor - Squirrel Cage

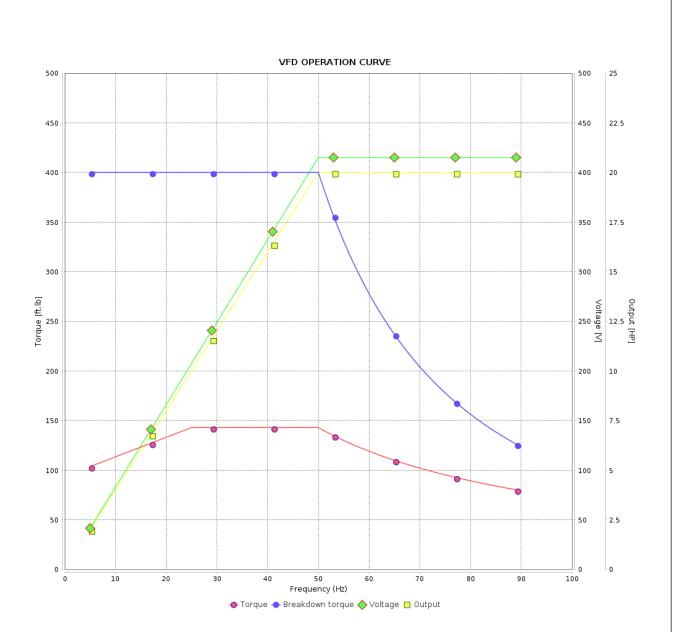


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Product line : NEMA Premium Efficiency Three-Phase Product code : 11584354

Catalog #: 02509ST3QIE326T-W22



| Performance | : 415 V 50 Hz 8P IE3 | | | | |
|---|---|--|---------------|--|------|
| Rated current LRC Rated torque Locked rotor tord Breakdown torqu Rated speed | : 36.4 A : 5.5 : 143 ft.lb : 240 % : 280 % : 735 rpm | Moment of Duty cycle Insulation Service fa Temperate Design | class ctor | : 11.9 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B | |
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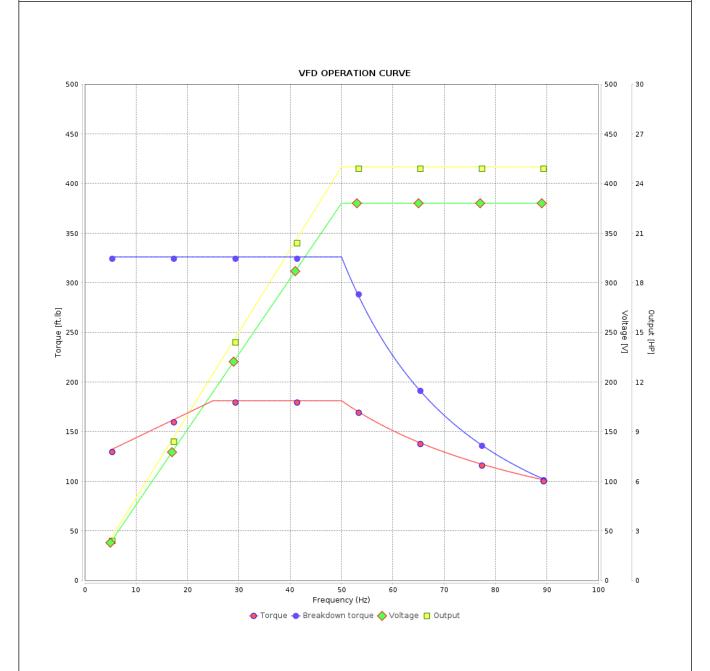
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Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase Product code : 11584354



| Performance | : 3 | 80 V 50 Hz 8P IE1 | | | | |
|--|-----|-----------------------------------|------------|---|---------|------|
| Rated current LRC Rated torque | : 4 | 2.3 A .2 81 ft.lb | Duty cycle | Moment of inertia (J) Duty cycle Insulation class | | |
| Locked rotor torque : 150 % Breakdown torque : 180 % Rated speed : 725 rpm | | Service fa Temperatu Design | | : 1.15 : 105 K : B | | |
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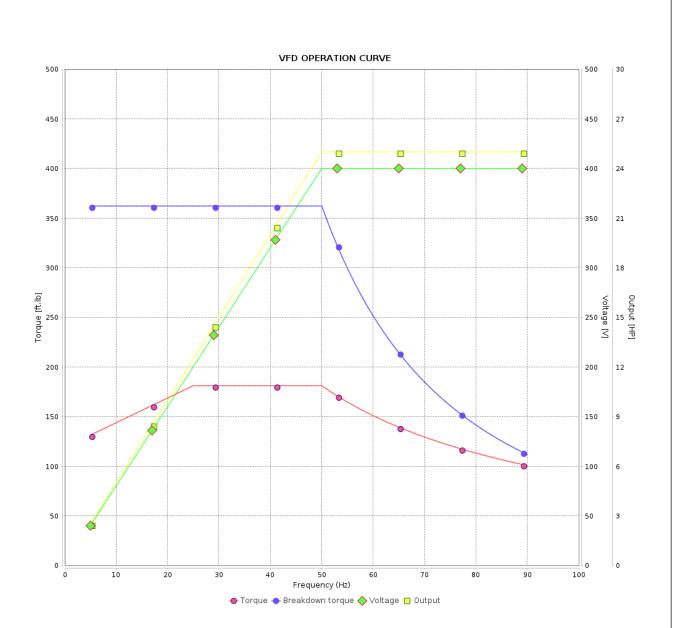
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Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three-Phase Product code : 11584354



| Performance | | : 400 V 50 Hz | z 8P IE2 | | | | |
|---|--|---|----------|--|---------|--|--|
| Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed | | : 41.4 A : 4.6 : 181 ft.lb : 170 % : 200 % : 725 rpm | | Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design | | : 11.9 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B | |
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Three Phase Induction Motor - Squirrel Cage



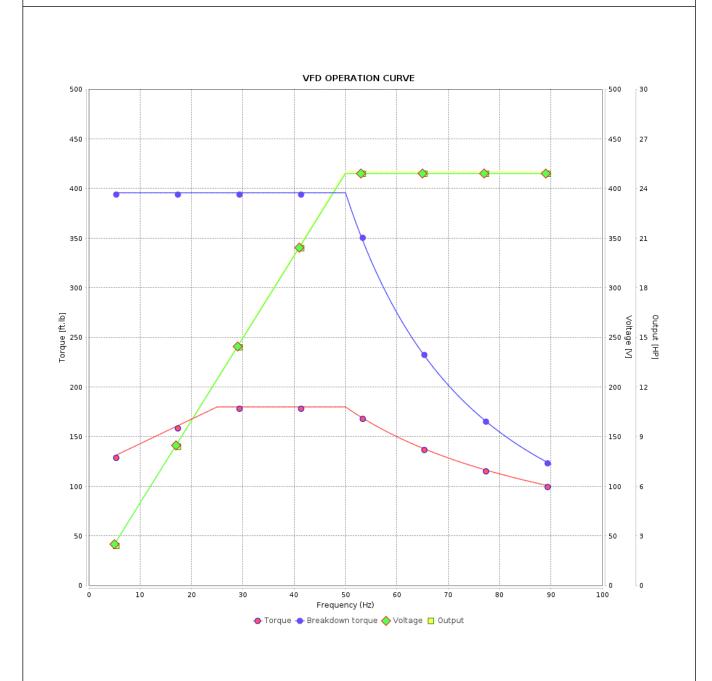
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Customer :

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Product line : NEMA Premium Efficiency Three-Phase Product code : 11584354



| Performance | : 415 | V 50 Hz 8P IE2 | | | | | |
|---|-----------------|-----------------|---|-----------|--|---|--|
| Rated current LRC Rated torque Locked rotor tord Breakdown torqu Rated speed | • | ft.lb % % | Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise | | : 11.9 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B | : Cont.(\$1) : F : 1.15 : 80 K | |
| · | | | Design | | . – | | |
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