DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : NEMA Premium Efficiency Three- Product code : 13485863

Phase

Catalog #: 05012ET3E365JM-W22

Frame : 364/5JM 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 : 932 lb

| Altitude . 1000 m.a.s.i. | | Approx | t. weight | . 9 | 32 ID | | | |
|--------------------------|-------------------------|------------|------------|--------------|-------------------|--------------|--------------|--------------|
| Protection degre | е | : IP55 | | Momer | nt of inertia (J) |) : 3 | 2.4 sq.ft.lb | |
| Design | | : B | | | | | | |
| Output [HP] | | 50 | 40 | 40 | 40 | 50 | 50 | 50 |
| Poles | | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Frequency [Hz] | | 60 | 50 | 50 | 50 | 50 | 50 | 50 |
| Rated voltage [V] | | 230/460 | 380 | 400 | 415 | 380 | 400 | 415 |
| Rated current [A] | | 115/57.4 | 57.7 | 55.5 | 53.5 | 70.5 | 66.4 | 64.8 |
| L. R. Amperes [A] | | 735/367 | 358 | 377 | 396 | 345 | 365 | 389 |
| LRC [A] | | 6.4x(Code | 6.2x(Code | 6.8x(Code H) | 7.4x(Code J) | 4.9x(Code E) | 5.5x(Code F) | 6.0x(Code F) |
| | | G) | G) | | | | | |
| No load current [A |] | 40.0/20.0 | 19.8 | 21.1 | 22.1 | 19.8 | 21.1 | 22.1 |
| Rated speed [RPN | / 1] | 1180 | 980 | 980 | 985 | 970 | 975 | 980 |
| Slip [%] | | 1.67 | 2.00 | 2.00 | 1.50 | 3.00 | 2.50 | 2.00 |
| Rated torque [ft.lb] | | 223 | 214 | 214 | 213 | 271 | 269 | 268 |
| Locked rotor torqu | Locked rotor torque [%] | | 200 | 229 | 250 | 160 | 180 | 200 |
| Breakdown torque | [%] | 240 | 240 | 260 | 290 | 190 | 210 | 229 |
| 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 | 80 K | 80 K |
| Locked rotor time | | 32s (cold) | 27s (cold) | 27s (cold) | 27s (cold) | 27s (cold) | 27s (cold) | 27s (cold) |
| | | 18s (hot) | 15s (hot) | 15s (hot) | 15s (hot) | 15s (hot) | 15s (hot) | 15s (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% | 93.4 | 92.5 | 92.7 | 92.6 | 93.5 | 93.3 | 93.4 |
| Efficiency (%) | 50% | 93.6 | 92.7 | 92.7 | 92.6 | 93.0 | 93.0 | 93.0 |
| Lineiency (70) | 75% | 94.1 | 92.8 | 93.1 | 93.1 | 92.4 | 93.0 | 93.0 |
| | 100% | 94.1 | 92.9 | 92.9 | 92.9 | 91.7 | 92.4 | 92.4 |
| | 25% | 0.49 | 0.48 | 0.45 | 0.41 | 0.53 | 0.51 | 0.49 |
| Power Factor | 50% | 0.74 | 0.72 | 0.70 | 0.66 | 0.77 | 0.77 | 0.74 |
| 1 OWCI I actor | 75% | 0.83 | 0.82 | 0.81 | 0.79 | 0.84 | 0.83 | 0.83 |
| | 100% | 0.86 | 0.85 | 0.84 | 0.84 | 0.87 | 0.87 | 0.86 |
| | | | | | | | | |

Drive end Non drive end Foundation loads

Bearing type : 6314 C3 6314 C3 | Max. traction : 1643 lb Sealing : Lip Seal Lip Seal Max. compression : 2576 lb

Lubrication interval : 17000 h 17000 h Lubricant amount : 27 g 27 g Lubricant type : Mobil Polyrex EM

Notes

USABLE @208V 127A SF 1.10 SFA 140A

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 |
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Three Phase Induction Motor - Squirrel Cage



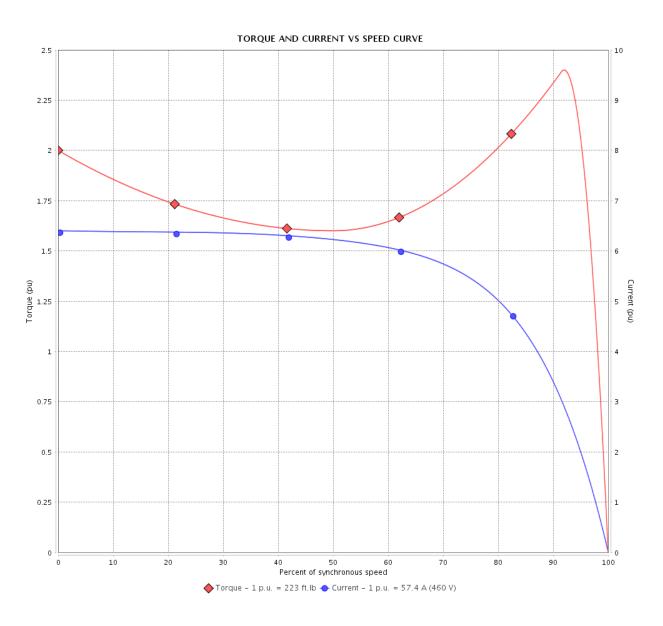
Customer :

Product line : NEMA Premium Efficiency Three- Product code :

Phase

Product code: 13485863

Catalog #: 05012ET3E365JM-W22



Performance : 230/460 V 60 Hz 6P Rated current : 115/57.4 A Moment of inertia (J) : 32.4 sq.ft.lb **LRC** : 6.4 Duty cycle : Cont.(S1) Insulation class Rated torque : 223 ft.lb : F Locked rotor torque : 200 % Service factor : 1.25 Breakdown torque : 240 % Temperature rise : 80 K Rated speed : 1180 rpm Design : B

| Rev. | | Changes Summary | Performed | Checked | Date |
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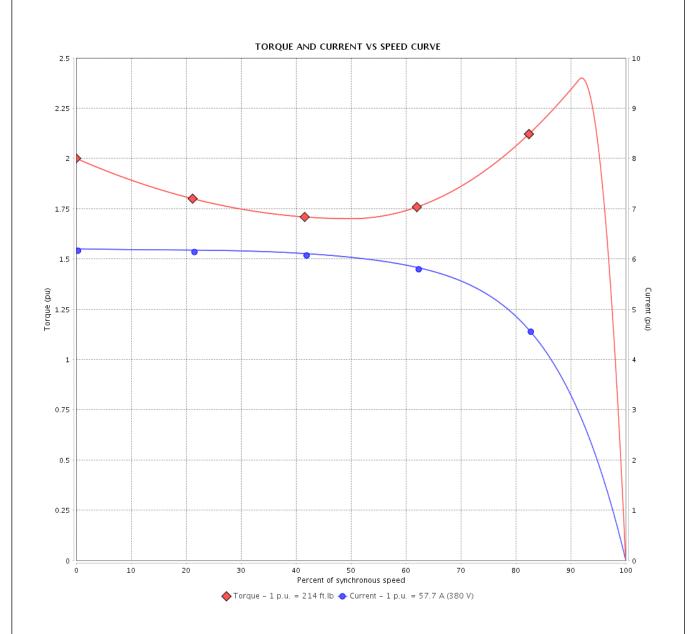
Three Phase Induction Motor - Squirrel Cage



Customer

Product line : NEMA Premium Efficiency Three-Product code: 13485863

Catalog #: 05012ET3E365JM-W22



| Performance | : 380 V 50 Hz 6P IE3 | | | |
|---------------------|------------------------|-----------------------|-----------------|--|
| Rated current | : 57.7 A | Moment of inertia (J) | : 32.4 sq.ft.lb | |
| LRC | : 6.2 | Duty cycle | : Cont.(S1) | |
| Rated torque | : 214 ft.lb | Insulation class | :F | |
| Locked rotor torque | : 200 % | Service factor | : 1.00 | |
| Breakdown torque | : 240 % | Temperature rise | : 80 K | |
| Rated speed | : 980 rpm | Design | : B | |
| Locked rotor time | · 27s (cold) 15s (hot) | | | |

| LOCKCU TOLOT LITT | . 2 | 73 (cold) 103 (flot) | | | |
|-------------------|------------|----------------------|-----------|---------|----------|
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Three Phase Induction Motor - Squirrel Cage



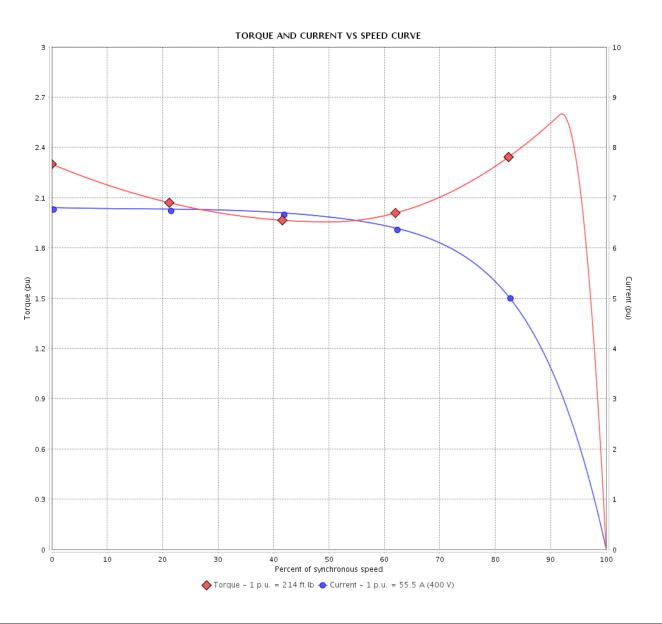
Customer :

Product line : NEMA Premium Efficiency Three-

Phase

Product code: 13485863

Catalog #: 05012ET3E365JM-W22



Performance : 400 V 50 Hz 6P IE3 Rated current : 55.5 A Moment of inertia (J) : 32.4 sq.ft.lb **LRC** : 6.8 Duty cycle : Cont.(S1) Insulation class Rated torque : 214 ft.lb : F Service factor Locked rotor torque : 229 % : 1.00 Breakdown torque : 260 % Temperature rise : 80 K Rated speed : 980 rpm Design : B

| Rev. | | Changes Summary | Performed | Checked | Date |
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Three Phase Induction Motor - Squirrel Cage

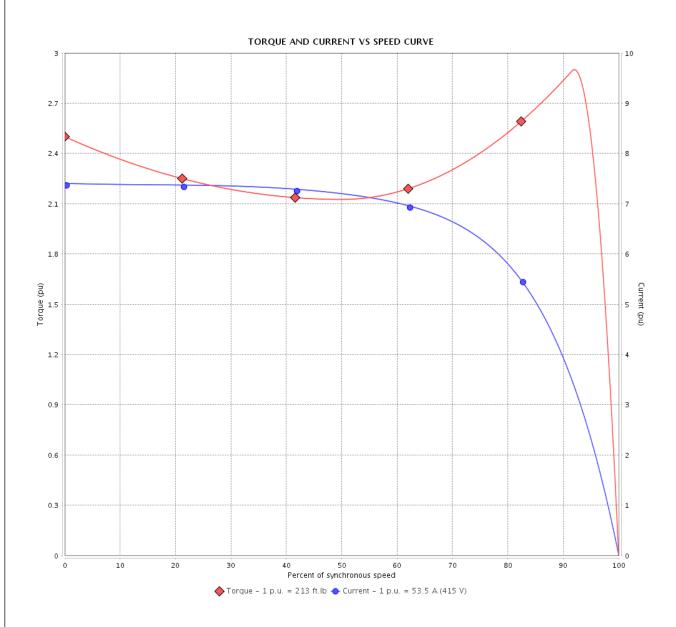


Customer :

Product line : NEMA Premium Efficiency Three- Product code : 13485863

Phase

Catalog #: 05012ET3E365JM-W22



| Performance | : 415 V 50 Hz 6P IE3 | | | |
|---------------------|----------------------|-----------------------|-----------------|--|
| Rated current | : 53.5 A | Moment of inertia (J) | : 32.4 sq.ft.lb | |
| LRC | : 7.4 | Duty cycle | : Cont.(S1) | |
| Rated torque | : 213 ft.lb | Insulation class | :F | |
| Locked rotor torque | : 250 % | Service factor | : 1.00 | |
| Breakdown torque | : 290 % | Temperature rise | : 80 K | |
| Rated speed | : 985 rpm | Design | : B | |

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Three Phase Induction Motor - Squirrel Cage



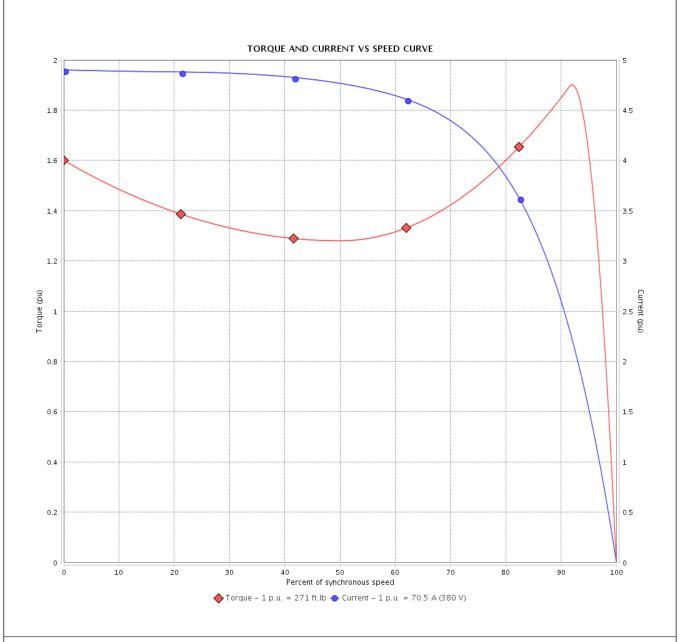
Customer :

Product line : NEMA Premium Efficiency Three-

Phase

Product code: 13485863

Catalog #: 05012ET3E365JM-W22



Performance : 380 V 50 Hz 6P IE1 Rated current : 70.5 A Moment of inertia (J) : 32.4 sq.ft.lb **LRC** : 4.9 Duty cycle : Cont.(S1) Insulation class Rated torque : 271 ft.lb : F Locked rotor torque : 160 % Service factor : 1.00 Breakdown torque : 190 % Temperature rise : 105 K Rated speed : 970 rpm Design : B

| Rev. | | Changes Summary | Performed | Checked | Date |
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Three Phase Induction Motor - Squirrel Cage

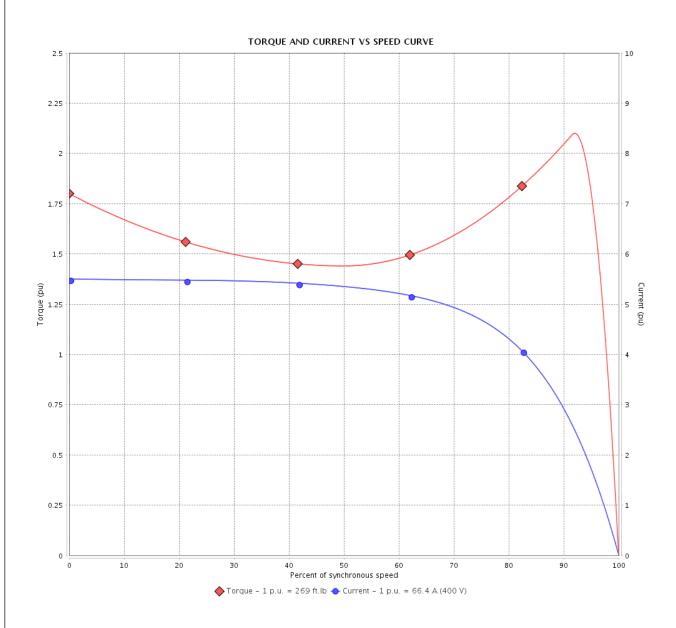


Customer :

Product line : NEMA Premium Efficiency Three- Product code : 13485863

Phase

Catalog #: 05012ET3E365JM-W22



| Performance | : 400 V 50 Hz 6P IE2 | | | |
|---------------------|----------------------|-----------------------|-----------------|--|
| Rated current | : 66.4 A | Moment of inertia (J) | : 32.4 sq.ft.lb | |
| LRC | : 5.5 | Duty cycle | : Cont.(S1) | |
| Rated torque | : 269 ft.lb | Insulation class | :F | |
| Locked rotor torque | : 180 % | Service factor | : 1.00 | |
| Breakdown torque | : 210 % | Temperature rise | : 80 K | |
| Rated speed | : 975 rpm | Design | : B | |

| LOCKCU TOTOL TITLE | . 2 | 73 (cold) 103 (110t) | | | |
|--------------------|------------|----------------------|-----------|---------|----------|
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Three Phase Induction Motor - Squirrel Cage



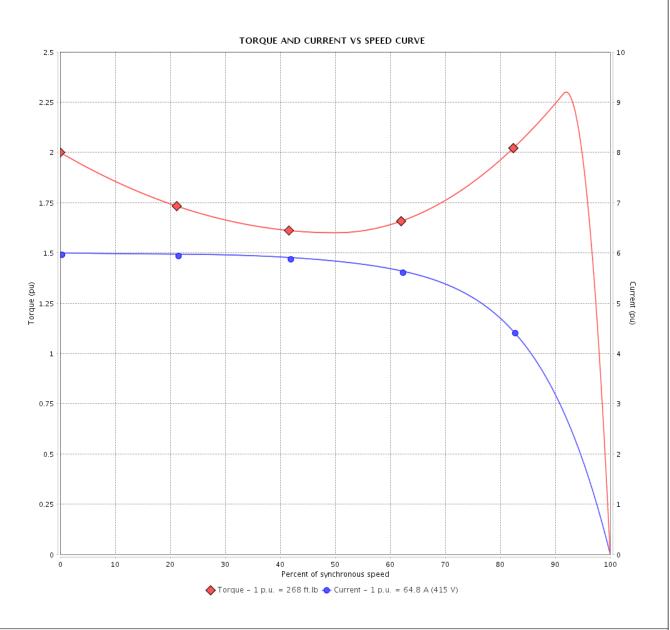
Customer :

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

Phase

Product code: 13485863

Catalog #: 05012ET3E365JM-W22



Performance : 415 V 50 Hz 6P IE2 Rated current : 64.8 A Moment of inertia (J) : 32.4 sq.ft.lb **LRC** : 6.0 Duty cycle : Cont.(S1) : F : 268 ft.lb Insulation class Rated torque Service factor Locked rotor torque : 200 % : 1.00 Breakdown torque : 229 % Temperature rise : 80 K Rated speed : 980 rpm Design : B

| Rev. | | Changes Summary | Performed | Checked | Date |
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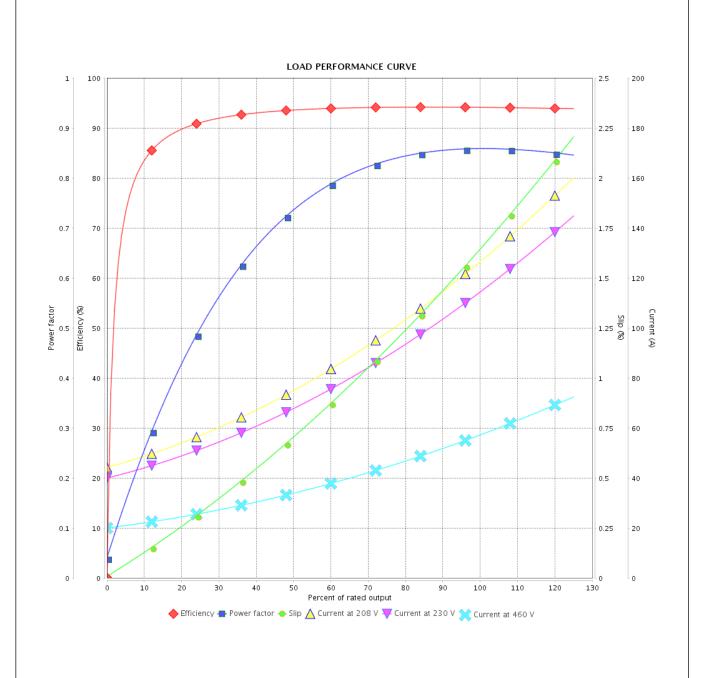


Customer

Product line : NEMA Premium Efficiency Three- Product code : 13485863

Phase

Catalog #: 05012ET3E365JM-W22



| Performance | : 2: | 30/460 V 60 Hz 6P | | | | |
|-------------------|--------------------------|-------------------|---------|-------------------|-----------------|----------|
| Rated current | ted current : 115/57.4 A | | Momer | nt of inertia (J) | : 32.4 sq.ft.lb | |
| LRC | : 6 | .4 | Duty cy | /cle | : Cont.(S1) | |
| Rated torque | : 2: | 23 ft.lb | | on class | : F ` ´ | |
| Locked rotor torq | ue : 20 | 00 % | Service | efactor | : 1.25 | |
| Breakdown torqu | · | | Tempe | rature rise | : 80 K | |
| Rated speed | : 1 | 180 rpm | Design | | : B | |
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Three Phase Induction Motor - Squirrel Cage



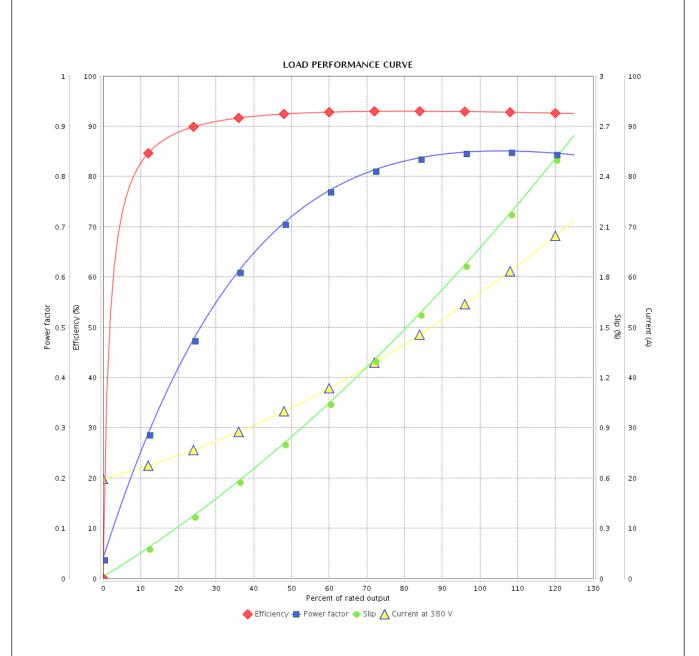
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Product line : NEMA Premium Efficiency Three- Product code : 13485863

Phase

Catalog #: 05012ET3E365JM-W22

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| Performance | : 380 V 50 Hz 6P IE3 | | | | |
|--|---|---|-----------|--|----------|
| Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed | : 57.7 A : 6.2 : 214 ft.lb : 200 % : 240 % : 980 rpm | Moment of Duty cycle Insulation Service far Temperatu Design | class | : 32.4 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B | |
| Rev. | Changes Summary | | Performed | Checked | Date |
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Three Phase Induction Motor - Squirrel Cage

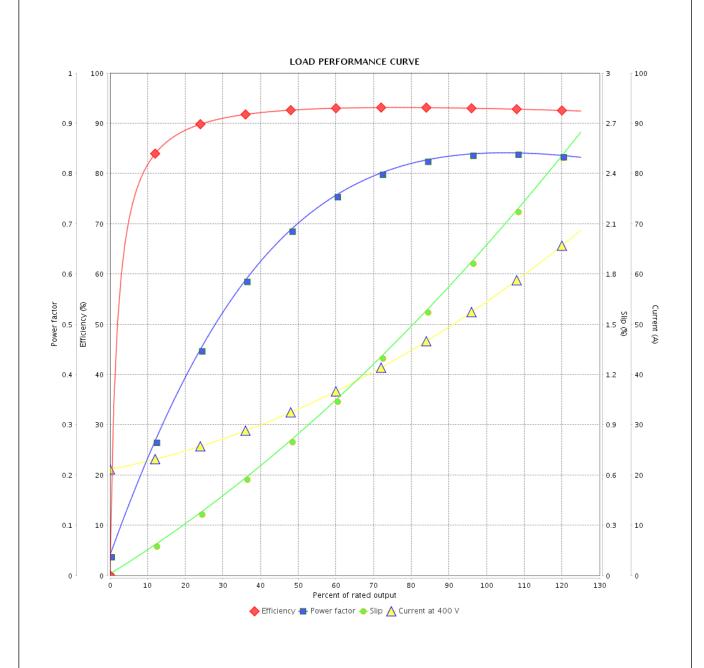


Customer

Product line : NEMA Premium Efficiency Three- Product code : 13485863

Phase

Catalog #: 05012ET3E365JM-W22



| Performance | : 4 | 100 V 50 Hz 6P IE3 | | | | | |
|---------------------|------------|--------------------|------------------|---------------|-----------------|----------|--|
| Rated current | : 5 | : 55.5 A Moment of | | f inertia (J) | : 32.4 sq.ft.lb | | |
| LRC | : 6 | 3.8 | Duty cycle | | : Cont.(S1) | | |
| Rated torque | : 2 | 214 ft.lb | Insulation class | | : F | | |
| Locked rotor torque | e :2 | 229 % | Service fa | ctor | : 1.00 | | |
| Breakdown torque | : 2 | 260 % | Temperatu | ıre rise | : 80 K | | |
| Rated speed | : 9 | 980 rpm | Design | | : B | | |
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Three Phase Induction Motor - Squirrel Cage



Customer

Checked by

Product line : NEMA Premium Efficiency Three-Product code:

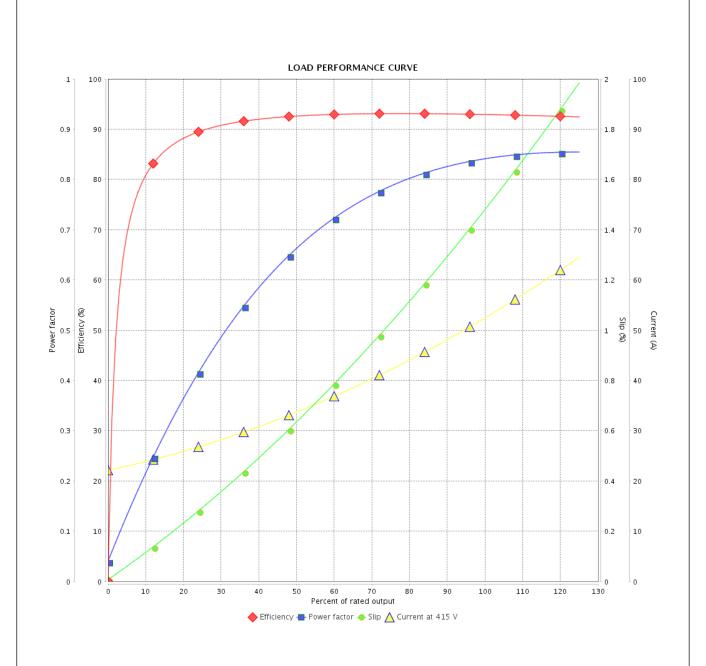
Catalog #: 05012ET3E365JM-W22

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Revision



| Performance | | : 415 V 50 Hz | 6P IE3 | | | | |
|---|---|---|---------|--|---------------|--|------|
| Rated current LRC Rated torque Locked rotor tord Breakdown torqu Rated speed | • | : 53.5 A : 7.4 : 213 ft.lb : 250 % : 290 % : 985 rpm | | Moment of Duty cycle Insulation Service fa Temperate Design | class ctor | : 32.4 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B | |
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Three Phase Induction Motor - Squirrel Cage

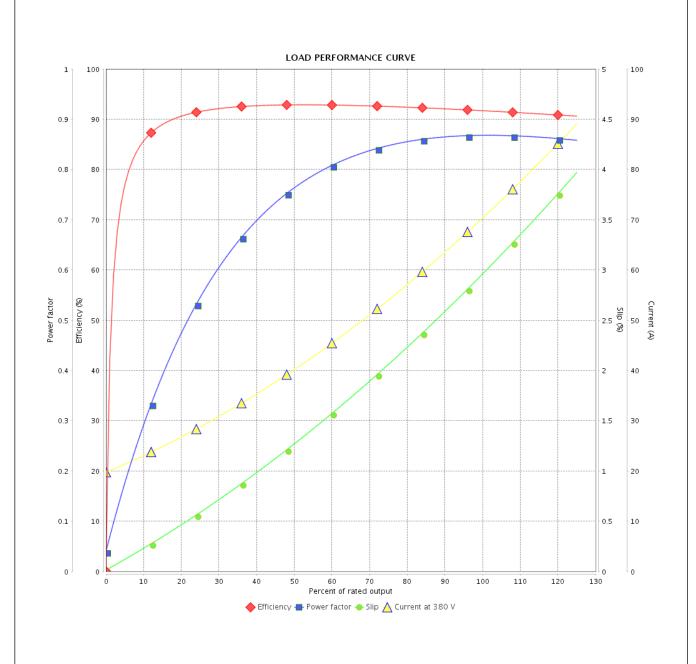


Customer

Product line : NEMA Premium Efficiency Three- Product code : 13485863

Phase

Catalog #: 05012ET3E365JM-W22



| Performance | : : | 380 V 50 Hz 6P IE1 | | | | | |
|--------------------|-----------------------------|--------------------|------------|---------------|-----------------|----------|--|
| Rated current | ted current : 70.5 A Moment | | Moment o | f inertia (J) | : 32.4 sq.ft.lb | | |
| LRC | : 4 | 4.9 | Duty cycle | ; | : Cont.(S1) | | |
| Rated torque | : 2 | 271 ft.lb | Insulation | class | : F | | |
| Locked rotor torqu | e : ' | 160 % | Service fa | ctor | : 1.00 | | |
| Breakdown torque | : ' | 190 % | Temperati | ıre rise | : 105 K : B | | |
| Rated speed | : 9 | 970 rpm | Design | | | | |
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Three Phase Induction Motor - Squirrel Cage

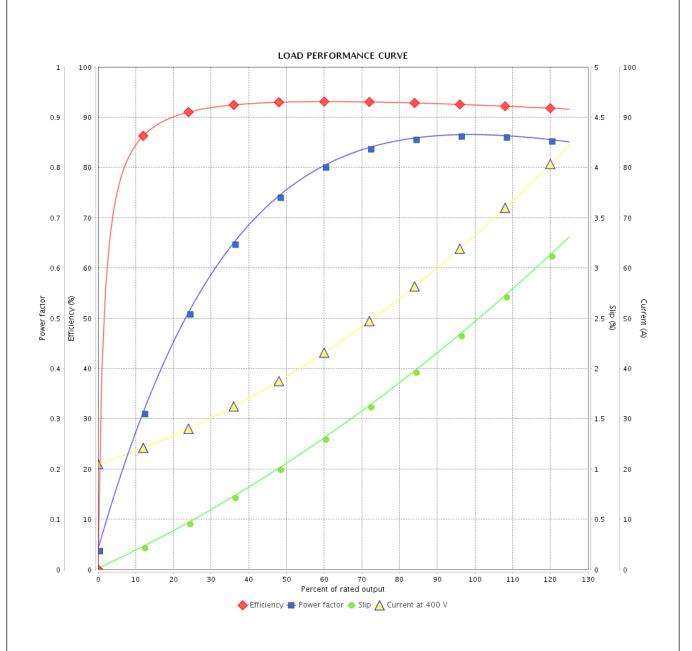


Customer

Product line : NEMA Premium Efficiency Three-

Product code: 13485863

Catalog #: 05012ET3E365JM-W22



| Performance | : 4 | 00 V 50 Hz 6P IE2 | | | | |
|-------------------|---|--------------------|------------|------------------|-----------------|----------|
| Rated current | : 6 | : 66.4 A Moment of | | of inertia (J) | : 32.4 sq.ft.lb | |
| LRC | : 5 | .5 | Duty cycle | e | : Cont.(S1) | |
| Rated torque | : 2 | 69 ft.lb | Insulation | Insulation class | | |
| Locked rotor tord | orque : 180 % Service factor | | actor | : 1.00 | | |
| Breakdown torqu | eakdown torque : 210 % Temperature rise | | ure rise | : 80 K | | |
| Rated speed | : 9 | 75 rpm | Design | | : B | |
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Three Phase Induction Motor - Squirrel Cage

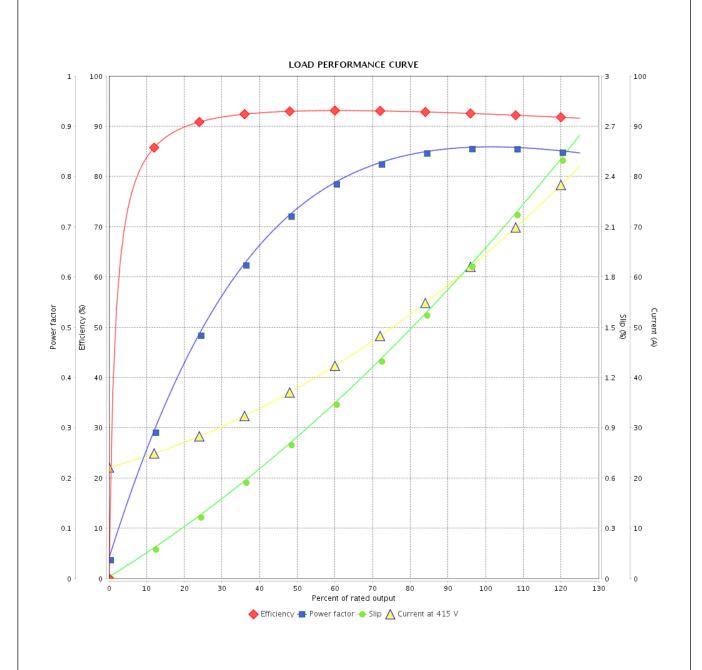


Customer

Product line : NEMA Premium Efficiency Three- Product code : 13485863

Phase

Catalog #: 05012ET3E365JM-W22



| Performance | : 4 | 15 V 50 Hz 6P IE2 | 2 | | | | |
|--------------------|------------|-------------------|----------------------|-----------|-----------------|----------|--|
| Rated current | : 6 | 4.8 A | 4.8 A Moment of iner | | : 32.4 sq.ft.lb | | |
| LRC | : 6 | .0 | Duty cycle | ! | : Cont.(S1) | | |
| Rated torque | : 2 | 68 ft.lb | Insulation | class | : F | | |
| Locked rotor torqu | e :2 | 00 % | Service factor | | : 1.00 | | |
| Breakdown torque | | 29 % | Temperatu | ıre rise | : 80 K | | |
| Rated speed | : 9 | 80 rpm | Design | | : B | | |
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Three Phase Induction Motor - Squirrel Cage

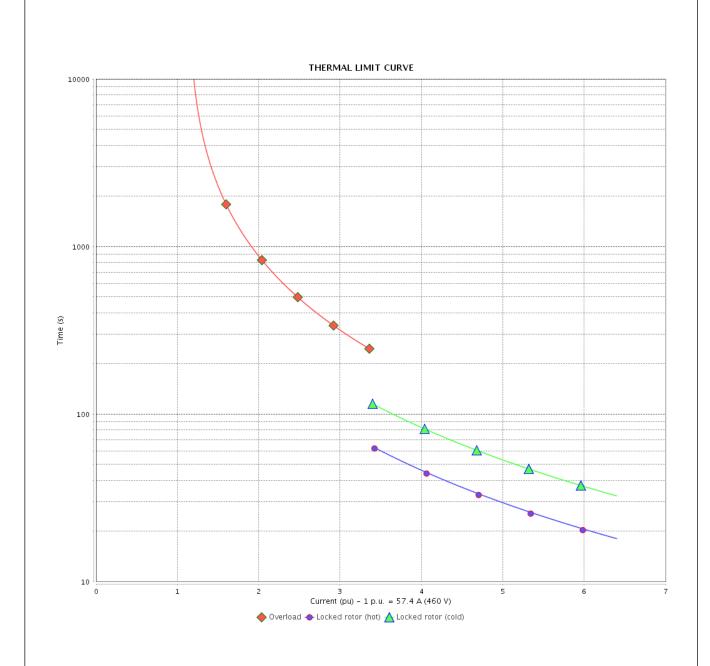


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| Product line | | NEMA Premium Efficiency hase | Three- | Product code : | 13485863 | |
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| | | | | | | |
| Performance | | 30/460 V 60 Hz 6P | T., | 5 : (: () | 00.4 6.11 | |
| Rated current LRC | : 11 : 6. | 15/57.4 A 4 | Moment of Duty cycle | f inertia (J) | : 32.4 sq.ft.lb : Cont.(S1) | |
| Rated torque | | 23 ft.lb | Insulation | class | : F | |
| Locked rotor torque Breakdown torque | | 00 % 40 % | Service fa Temperatu | | : 1.25 : 80 K | |
| Rated speed | | 180 rpm | Design | | : B | |
| Heating constant | | | | | | |
| Cooling constant | | | | | | |
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Three Phase Induction Motor - Squirrel Cage



Customer



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Three Phase Induction Motor - Squirrel Cage

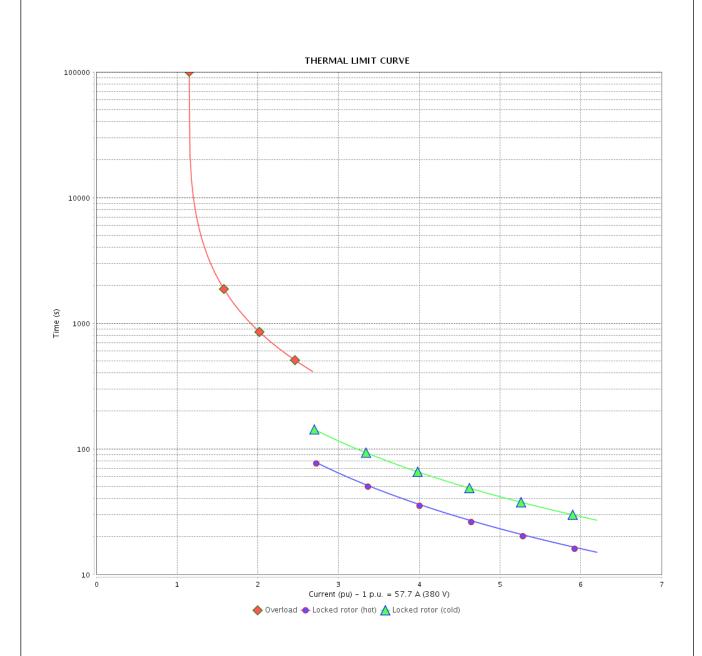


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| Product line | | : NEMA Premium Efficiency Phase | | Product code : Catalog # : | 13485863 05012ET3E36 | 65JM-W22 |
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| Performance | | : 380 V 50 Hz 6P IE3 | | | | |
| Rated current | | : 57.7 A : 6.2 | Moment o | of inertia (J) | : 32.4 sq.ft.lb | |
| LRC Rated torque | | : 214 ft.lb | Duty cycle Insulation | class | : Cont.(S1) : F | |
| Locked rotor tord | | : 200 % | Service fa | | : 1.00 | |
| Breakdown torqu Rated speed | | : 240 % : 980 rpm | Temperat Design | uic iise | : 80 K : B | |
| Heating constan | | | | | | |
| Cooling constan | t | | | | | |
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Three Phase Induction Motor - Squirrel Cage



Customer



| Rev. | | Changes Summary | Performed | Checked | Date |
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| Date | 12/04/2022 | | | 19 / 36 | |

Three Phase Induction Motor - Squirrel Cage

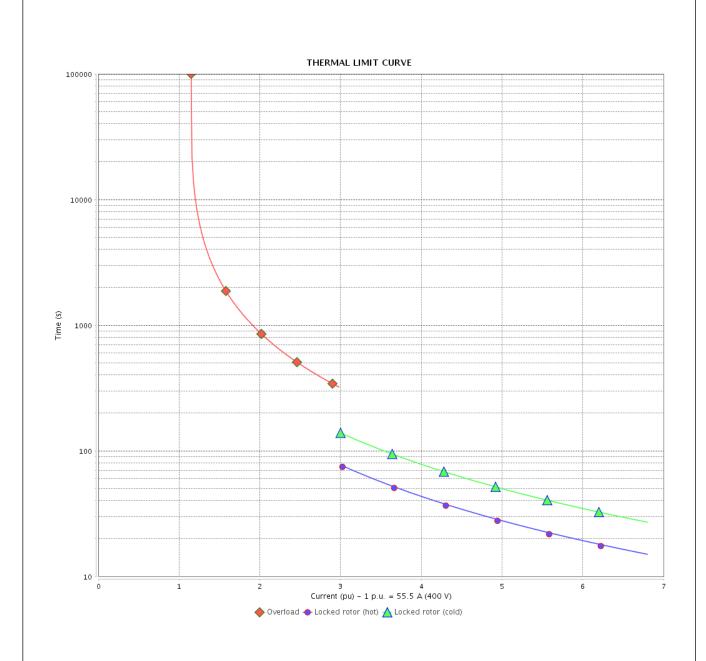


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| Product line | : NEMA Premium Efficiency ⁻ Phase | Three- | Product code : | 13485863 | |
| | | | Catalog # : | 05012ET3E3 | 65JM-W22 |
| | | | | | |
| | : 400 V 50 Hz 6P IE3 | | | | |
| LRC Rated torque Locked rotor torque Breakdown torque | : 55.5 A : 6.8 : 214 ft.lb : 229 % : 260 % : 980 rpm | Moment o Duty cycle Insulation Service fa Temperatu Design | class ctor | : 32.4 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B | |
| | F | | | | |
| Heating constant | | | | | |
| Cooling constant | Changas Summani | | Dorformed | Charles | Doto |
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Three Phase Induction Motor - Squirrel Cage



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Three Phase Induction Motor - Squirrel Cage

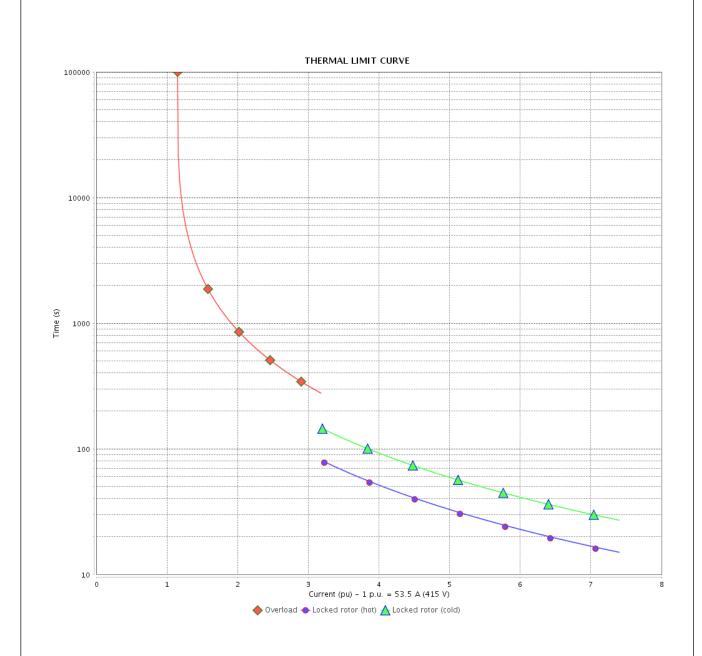


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| Performance | | : 415 V 50 Hz 6P IE3 | | <u> </u> | 00.4 6.11 | |
| Rated current LRC | | : 53.5 A : 7.4 | Duty cycle | | : 32.4 sq.ft.lb : Cont.(S1) | |
| Rated torque Locked rotor tord | | : 213 ft.lb : 250 % | Insulation Service fa | | : F : 1.00 | |
| Breakdown torqu | | : 290 % : 290 % | Temperat | | : 80 K | |
| Rated speed | | : 985 rpm | Design | | : B | |
| Heating constan | | | | | | |
| Cooling constan | t | Changes Commercial | | Dorform | Charles | Data |
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| Date | 12/04/2022 | | | | 22 / 36 | |

Three Phase Induction Motor - Squirrel Cage



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Three Phase Induction Motor - Squirrel Cage

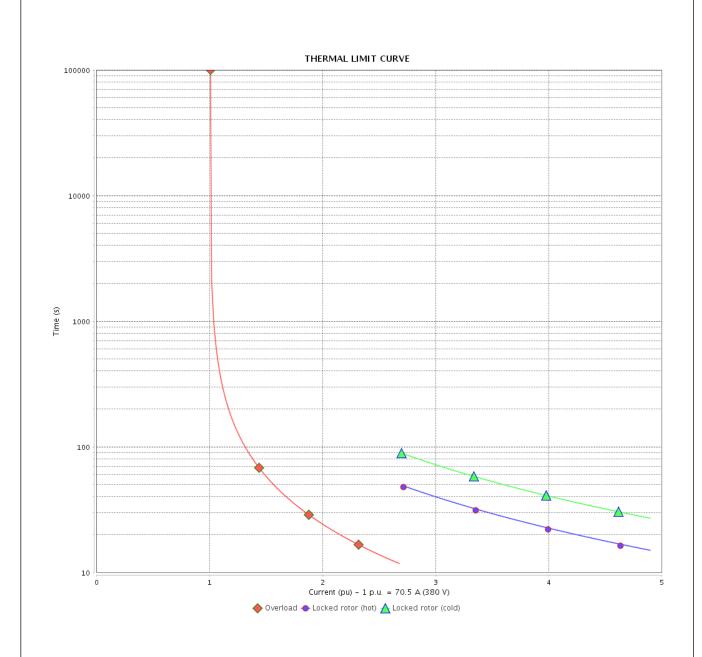


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| Product line | | : NEMA Premium Efficiency Phase | | Product code : Catalog # : | 13485863 05012ET3E36 | 65JM-W22 |
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| Performance | | : 380 V 50 Hz 6P IE1 | | | | |
| Rated current LRC | | : 70.5 A : 4.9 | Moment of Duty cycle | of inertia (J) | : 32.4 sq.ft.lb : Cont.(S1) | |
| Rated torque | | : 271 ft.lb | Insulation | class | : F | |
| Locked rotor tord Breakdown torqu | | : 160 % : 190 % | Service fa Temperat | | : 1.00 : 105 K | |
| Rated speed | | : 970 rpm | Design | | : B | |
| Heating constan | | | | | | |
| Cooling constan | t | Changes Cummers | | Dorform | Charles | Doto |
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Three Phase Induction Motor - Squirrel Cage



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Three Phase Induction Motor - Squirrel Cage

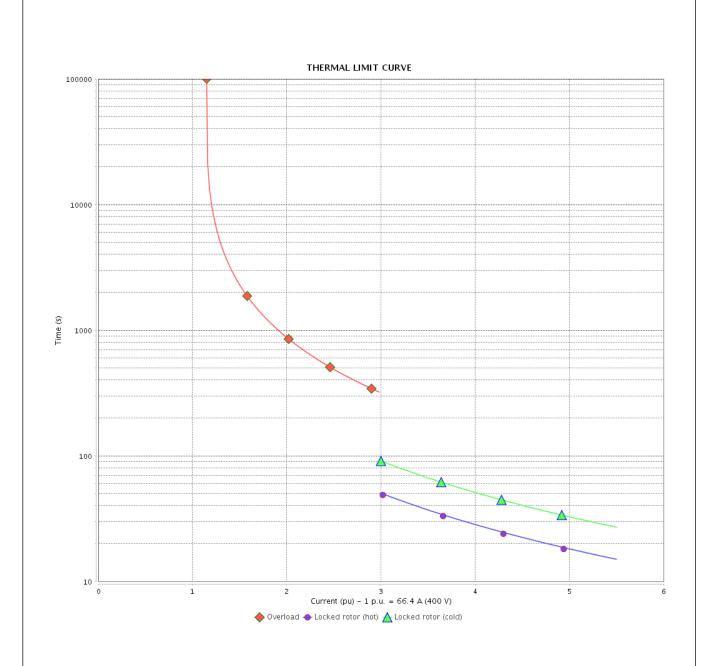


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| Product line | | NEMA Premium Efficiency | Three- I | Product code : | 13485863 | |
| | P | hase | (| Catalog # : | 05012ET3E36 | 65JM-W22 |
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| Performance | : 40 | 00 V 50 Hz 6P IE2 | | | | |
| Rated current | | 5.4 A | Moment of | f inertia (J) | : 32.4 sq.ft.lb | |
| LRC Rated torque | : 5. : 20 | 5 69 ft.lb | Duty cycle Insulation | class | : Cont.(S1) : F | |
| Locked rotor torqu | ie : 18 | 30 % | Service fa | ctor | : 1.00 | |
| Breakdown torque Rated speed | | 10 % 75 rpm | Temperatu Design | ire rise | : 80 K : B | |
| Heating constant | | • | | | | |
| Cooling constant | | | | | | |
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Three Phase Induction Motor - Squirrel Cage



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Three Phase Induction Motor - Squirrel Cage

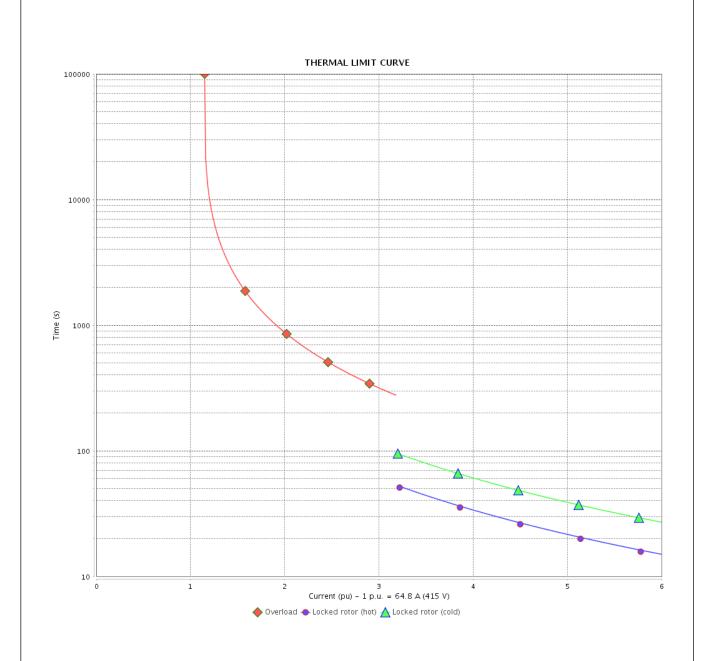


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| Product line | | NEMA Premium Efficiency | Three- | Product code : | 13485863 | |
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| Performance | | 15 V 50 Hz 6P IE2 | T | | | |
| Rated current LRC | : 6 ₄ : 6. | 4.8 A 0 | Moment of Duty cycle | f inertia (J) | : 32.4 sq.ft.lb : Cont.(S1) | |
| Rated torque | : 26 | 68 ft.lb | Insulation | class | : F | |
| Locked rotor torque Breakdown torque | | 00 % 29 % | Service fa Temperatu | | : 1.00 : 80 K | |
| Rated speed | | 30 rpm | Design | 110 1130 | : B | |
| Heating constant | | | | | | |
| Cooling constant | | | | | | |
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Three Phase Induction Motor - Squirrel Cage



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Three Phase Induction Motor - Squirrel Cage



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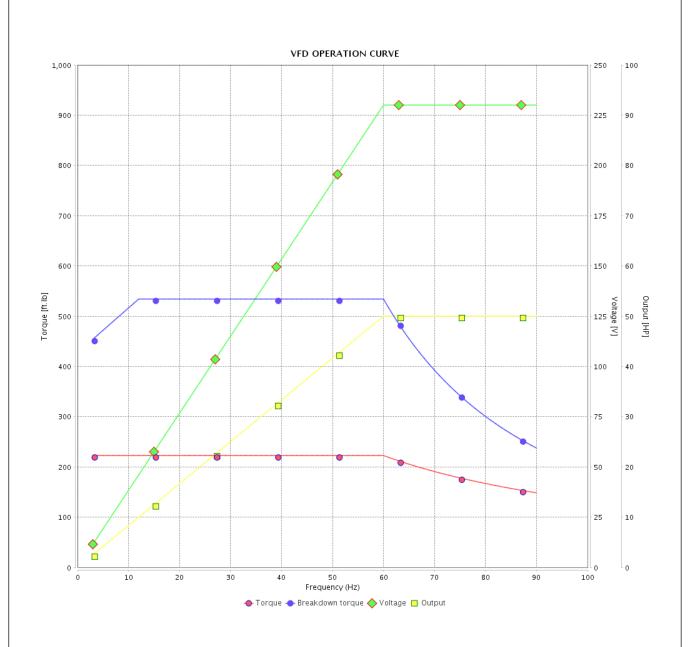
Product line : NEMA Premium Efficiency Three-

Phase

Product code: 13485863

Catalog #: 05012ET3E365JM-W22

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| Performance | • 2. | 30/460 V 60 Hz 6P |) | | | |
|-------------------|----------|-------------------|-----------------------|------------------|-----------------|----------|
| renomiance | . 2 | 30/400 V 00 HZ 0F | | | | |
| Rated current | : 1 | 15/57.4 A | Moment of inertia (J) | | : 32.4 sq.ft.lb | |
| LRC | : 6. | .4 | Duty cycle | ; | : Cont.(S1) | |
| Rated torque | : 2: | 23 ft.lb | Insulation | Insulation class | | |
| Locked rotor torg | iue : 20 | 00 % | Service fa | Service factor | | |
| Breakdown torqu | | 40 % | Temperati | Temperature rise | | |
| Rated speed | | 180 rpm | Design | | | |
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Three Phase Induction Motor - Squirrel Cage

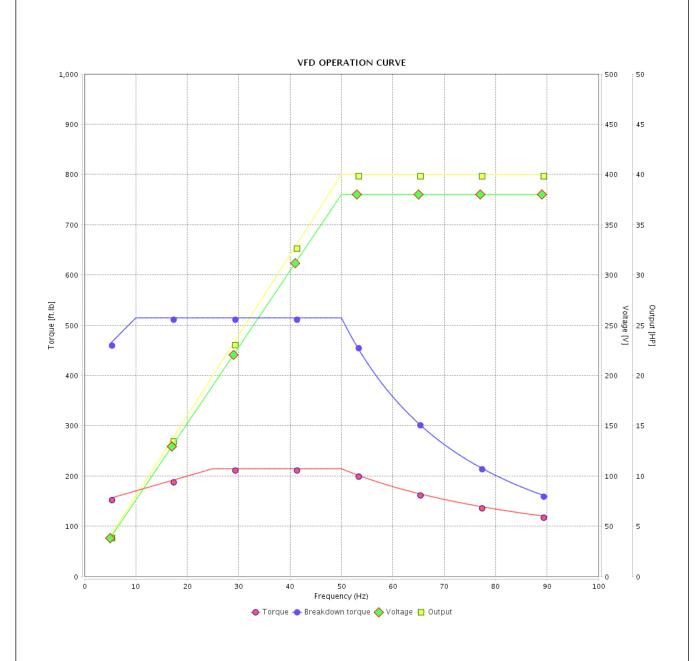


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Product line : NEMA Premium Efficiency Three- Product code : 13485863

Phase

Catalog #: 05012ET3E365JM-W22



| Performance | : 380 V 50 Hz 6P IE3 | | | | |
|---------------------|----------------------|------------------|---------------|-----------------|------|
| Rated current | : 57.7 A | Moment of | f inertia (J) | : 32.4 sq.ft.lb | |
| LRC | : 6.2 | Duty cycle | | : Cont.(S1) | |
| Rated torque | : 214 ft.lb | Insulation class | | on class : F | |
| Locked rotor torque | : 200 % | Service factor | | : 1.00 | |
| Breakdown torque | : 240 % | Temperati | ure rise | : 80 K | |
| Rated speed | : 980 rpm | Design | | : B | |
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Three Phase Induction Motor - Squirrel Cage



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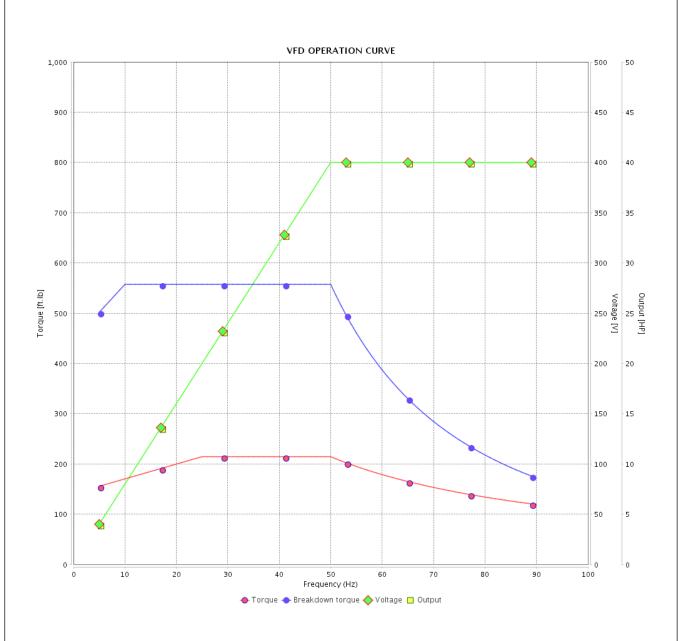
Product line : NEMA Premium Efficiency Three-

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Product code: 13485863

Catalog #: 05012ET3E365JM-W22

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| Performance | : 40 | : 400 V 50 Hz 6P IE3 | | | | | | |
| Rated current | : 5 | 5.5 A | Moment o | Moment of inertia (J) | | | | |
| LRC | : 6. | 8 | Duty cycle | | : Cont.(S1) | | | |
| Rated torque | : 2 | 14 ft.lb | Insulation class | | : F | | | |
| Locked rotor tord | que : 2: | 29 % | Service factor | | : 1.00 | | | |
| Breakdown torqu | ie : 20 | 60 % | Temperati | Temperature rise | | | | |
| Rated speed | : 98 | 30 rpm | Design | | : B | | | |
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Three Phase Induction Motor - Squirrel Cage



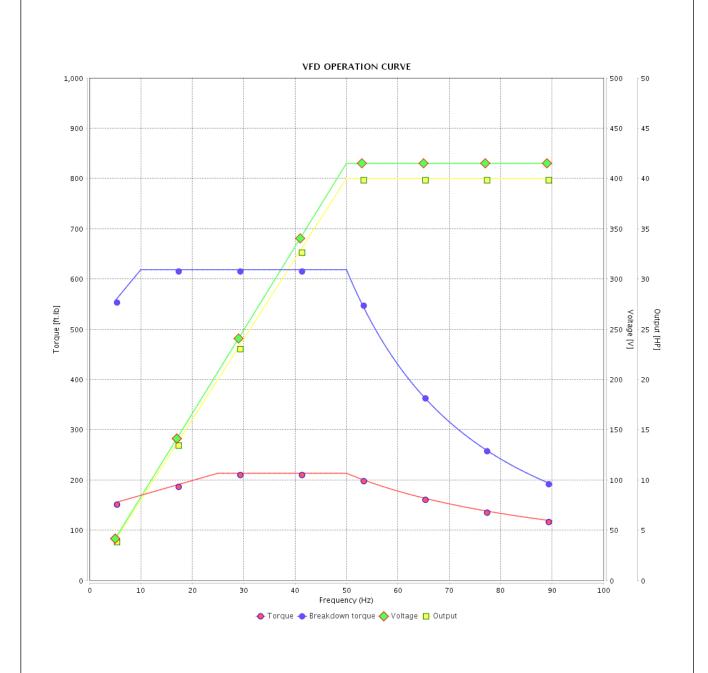
Customer

Product line : NEMA Premium Efficiency Three- Product code :

Phase

Catalog #: 05012ET3E365JM-W22

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| Performance | | : 415 V 50 Hz 6P IE3 | | | | | | |
|--------------------|------------|--|------------|------------------|-------------|----------|--|--|
| Rated current | : 5 | 3.5 A Moment of inertia (J) | | : 32.4 sq.ft.lb | | | | |
| LRC | : 7 | .4 | Duty cycle | ; | : Cont.(S1) | | | |
| Rated torque | : 2 | : 213 ft.lb : 250 % : 290 % : 985 rpm Insulation class Service factor Temperature rise Design | | class | : F | | | |
| Locked rotor torqu | ıe : 2 | | | ctor | : 1.00 | | | |
| Breakdown torque | : 2 | | | Temperature rise | | | | |
| Rated speed | : 9 | | | | : B | | | |
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Three Phase Induction Motor - Squirrel Cage



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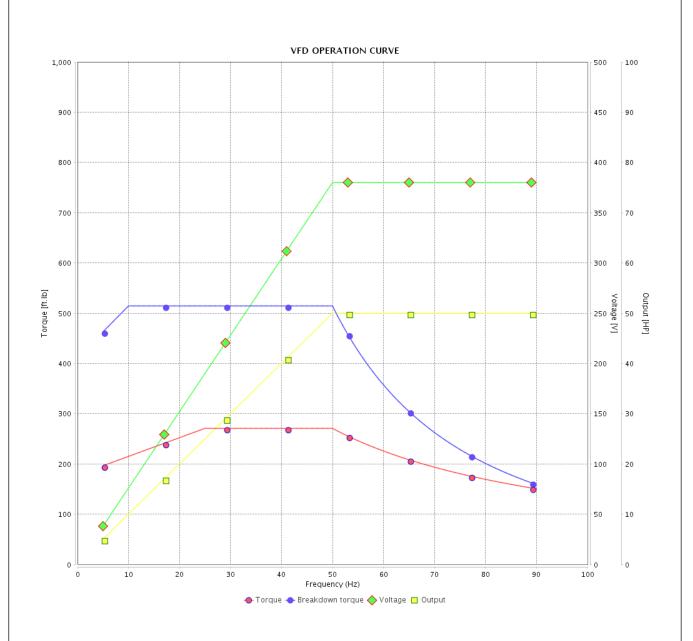
Product line : NEMA Premium Efficiency Three-

Phase

Product code: 13485863

Catalog #: 05012ET3E365JM-W22

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| Performance | : 380 V 50 Hz 6P IE1 | | | | | | |
|--|---|--|-----------|---|----------|--|--|
| Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed | : 70.5 A : 4.9 : 271 ft.lb : 160 % : 190 % : 970 rpm | Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design | | : 32.4 sq.ft.lb : Cont.(S1) : F : 1.00 : 105 K : B | | | |
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Three Phase Induction Motor - Squirrel Cage

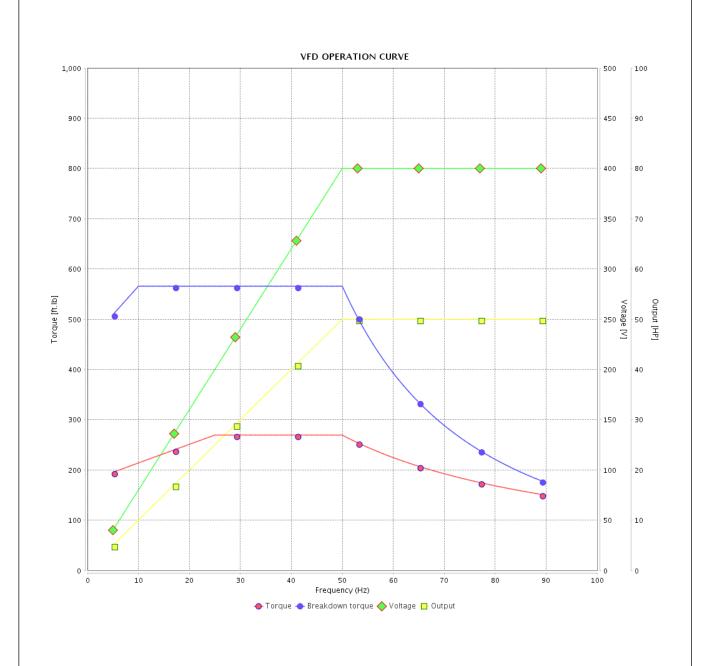


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Product line : NEMA Premium Efficiency Three- Product code : 13485863

Phase

Catalog #: 05012ET3E365JM-W22



| Performance | | : 400 V 50 Hz 6P IE2 | | | | | | |
|---------------------|------------|----------------------------|-------------------------|-----------------------------|-------------|----------|--|--|
| Rated current | : | : 66.4 A Moment of inertia | | inertia (J) : 32.4 sq.ft.lb | | | | |
| LRC | : | 5.5 | Duty cycle | | : Cont.(S1) | | | |
| Rated torque | : | : 269 ft.lb Insul | | class | : F | | | |
| Locked rotor torque |) : | 180 % | Service fa | ctor | : 1.00 | | | |
| Breakdown torque | : | 210 % | Temperature rise Design | | : 80 K | | | |
| Rated speed | : | 975 rpm | | | : B | | | |
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Three Phase Induction Motor - Squirrel Cage



Customer :

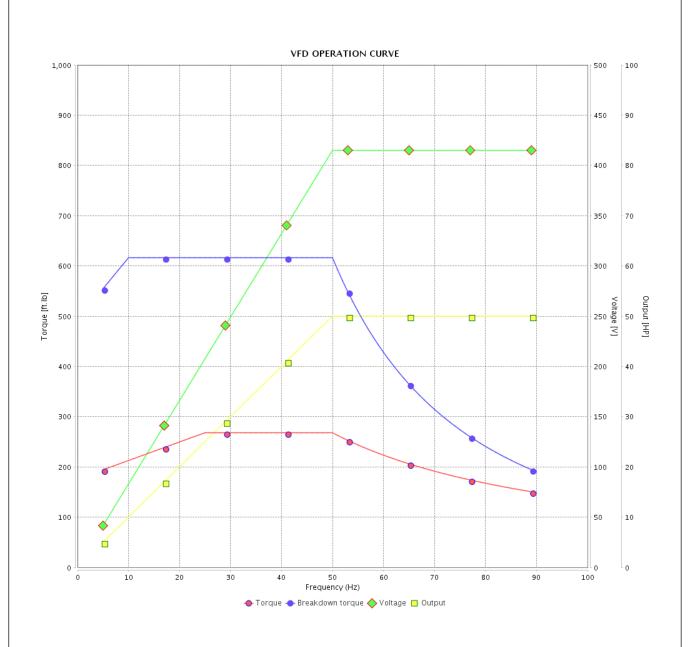
Product line : NEMA Premium Efficiency Three- Product

Phase

Product code: 13485863

Catalog #: 05012ET3E365JM-W22

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| Performance | : 415 V 50 Hz 6P IE2 | : 415 V 50 Hz 6P IE2 | | | | | | |
|--|---|--|-----------|--|------------|--|--|--|
| Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed | : 64.8 A : 6.0 : 268 ft.lb : 200 % : 229 % : 980 rpm | Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design | | : 32.4 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B | | | | |
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