DATA SHEET

Three Phase Induction Motor - Squirrel Cage

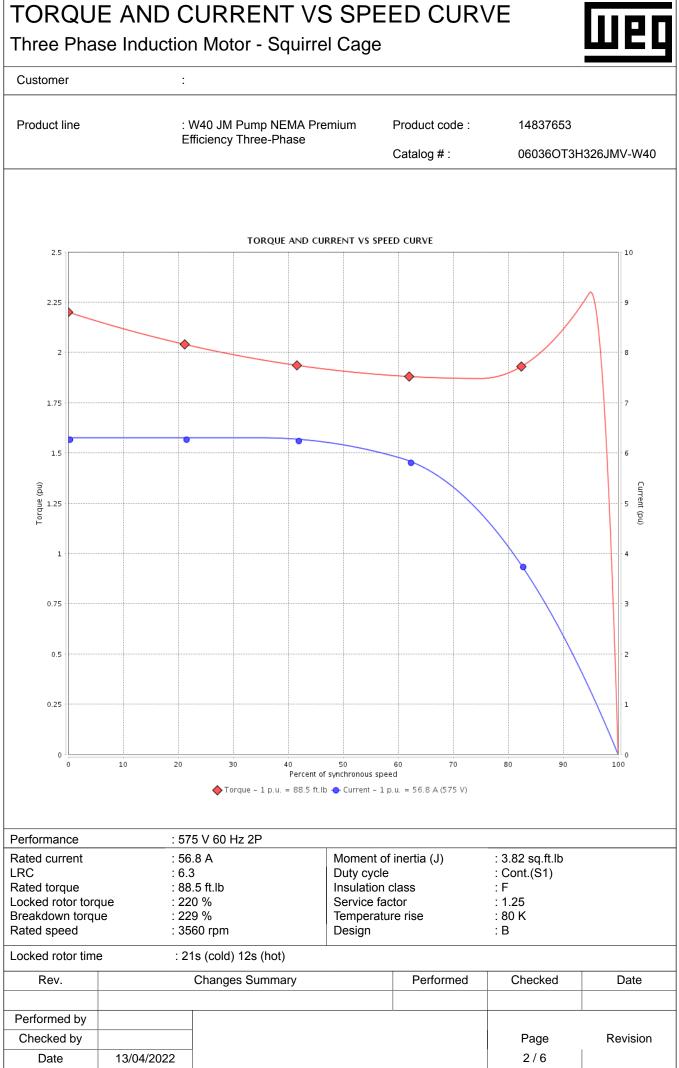
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| Product line | | : W40 JM Pump NEMA Premi Efficiency Three-Phase | | | ium Product code : | | 14837653 | |
|---|--|--|--|-------------------------------|---------------------|---|---|------------------------------------|
| | | | - | | C | atalog # : | 06036OT3H | H326JMV-W40 |
| Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor toro Breakdown torqu Insulation class Service factor | | : 2 : 60 F : 575 : 56.8 : 358 : 6.3 : 16.0 | HP (45 kW Hz V 3 A A (Code G)) A 0 rpm % 5 ft.lb % % |) | Altitude | ture rise le temperature n degree method y vel ² method | : 21s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a : IP23 : IC01 - OE : W-6 : Both (CW : 75.0 dB(A : Direct On : 473 lb | +40°C .s.l.)P / and CCW) |
| Moment of inerti Design | a (J) | | 2 sq.ft.lb | | | | | |
| Output | 25% | 50% | 75% | 100% | Foundatior | 1 loads | <u>_</u> | |
| Efficiency (%) | 91.7 | 92.4 | 93.0 | 93.6 | Max. tractio | | | |
| Power Factor | 0.51 | 0.73 | 0.82 | 0.85 | Max. comp | ••• | | |
| Sealing Lubrication inter Lubricant amour Lubricant type | | : | 9 | Bearing Seal 829 h 21 g | | Without Bearing 14226 h 11 g | | |
| Notes | | | | Mo | bil Polyrex E | | | |
| Notes This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu Rev. | ed. notor from 1m and wit weight sub rocess. | the shaft e th toleranc ject to cha | end. e of +3dB(| one, which A). | These are | M average values | e based on tests w ne tolerances stipu Checked | |
| This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu | ed. notor from 1m and wit weight sub rocess. | the shaft e th toleranc ject to cha | end. e of +3dB(inges after | one, which A). | These are power sup | M average values | ne tolerances stipu | ulated in NEMA |
| This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu Rev. Performed by | ed. notor from 1m and wit weight sub rocess. | the shaft e th toleranc ject to cha | end. e of +3dB(inges after | one, which A). | These are power sup | M average values | ne tolerances stipu | ulated in NEMA |
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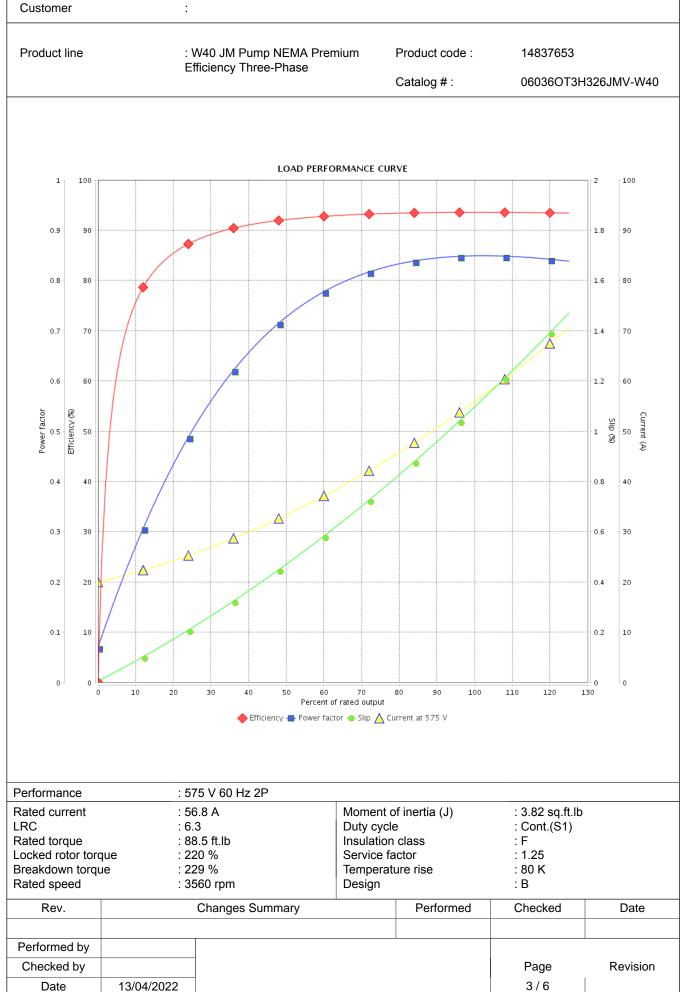


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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage

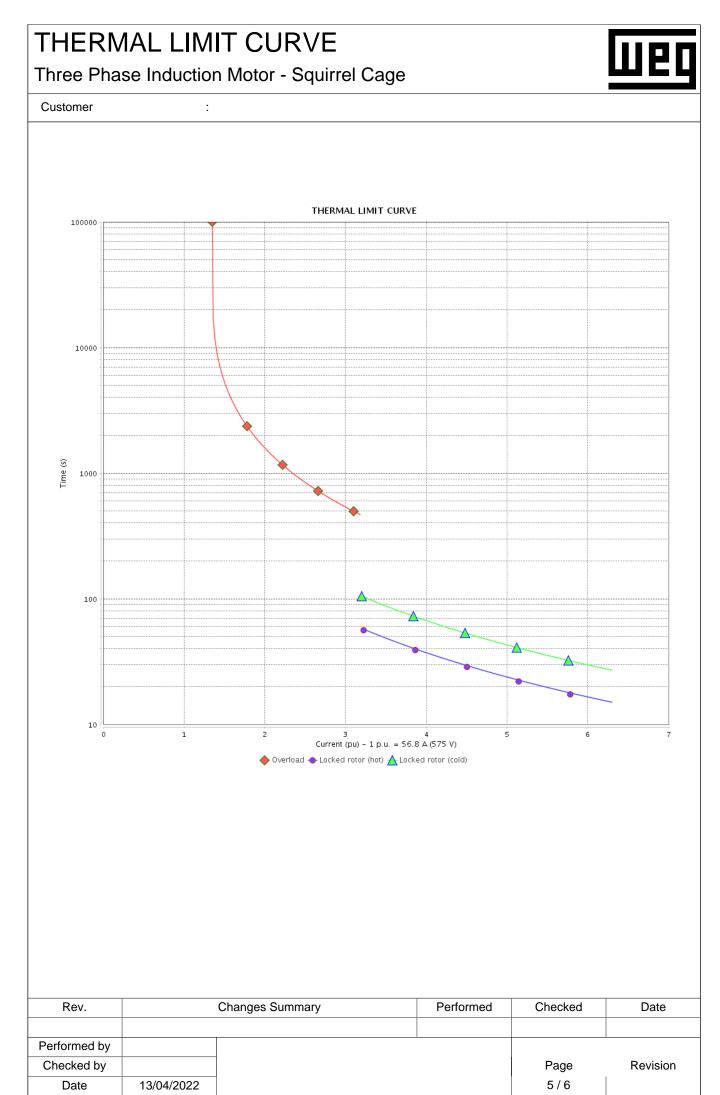
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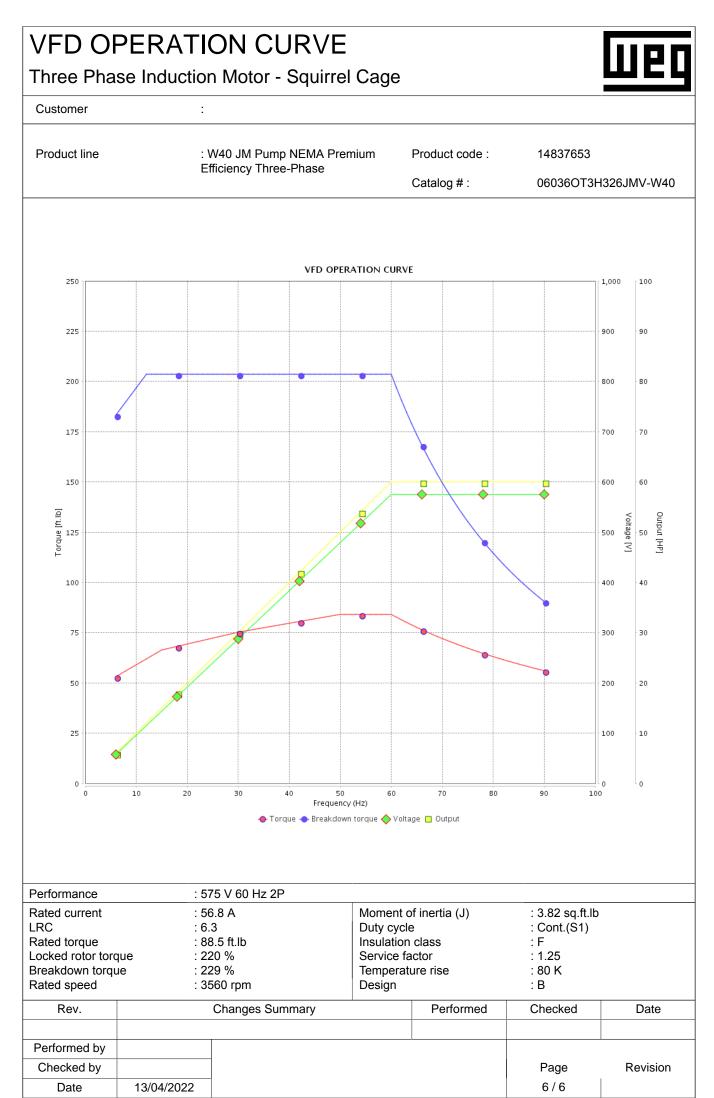
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|--------------------------------|------------|---|------------------------|----------------|--------------------------------|----------|--|
| | - | | | Catalog # : | 06036OT3H326JMV-W40 | | |
| | | | | | | | |
| | | | | | | | |
| Performance | | 575 V 60 Hz 2P | | . | | | |
| Rated current LRC | | 56.8 A 5.3 | Moment c Duty cycle | of inertia (J) | : 3.82 sq.ft.lb : Cont.(S1) | | |
| Rated torque | : 8 | 38.5 ft.lb | Insulation | class | : F | | |
| Locked rotor toro | | 220 % | Service fa | | : 1.25 | | |
| Breakdown torqu Rated speed | | 229 % 3560 rpm | Temperati Design | ure rise | : 80 K : B | | |
| Heating constan | t | | | | | | |
| Cooling constant | | | | | | | |
| Rev. | | Changes Summary | | Performed | Checked | Date | |
| Performed by | | | | 1 | I | | |
| Checked by | | 1 | | | Page | Revision | |
| Date | 13/04/2022 | - | | | 4/6 | | |

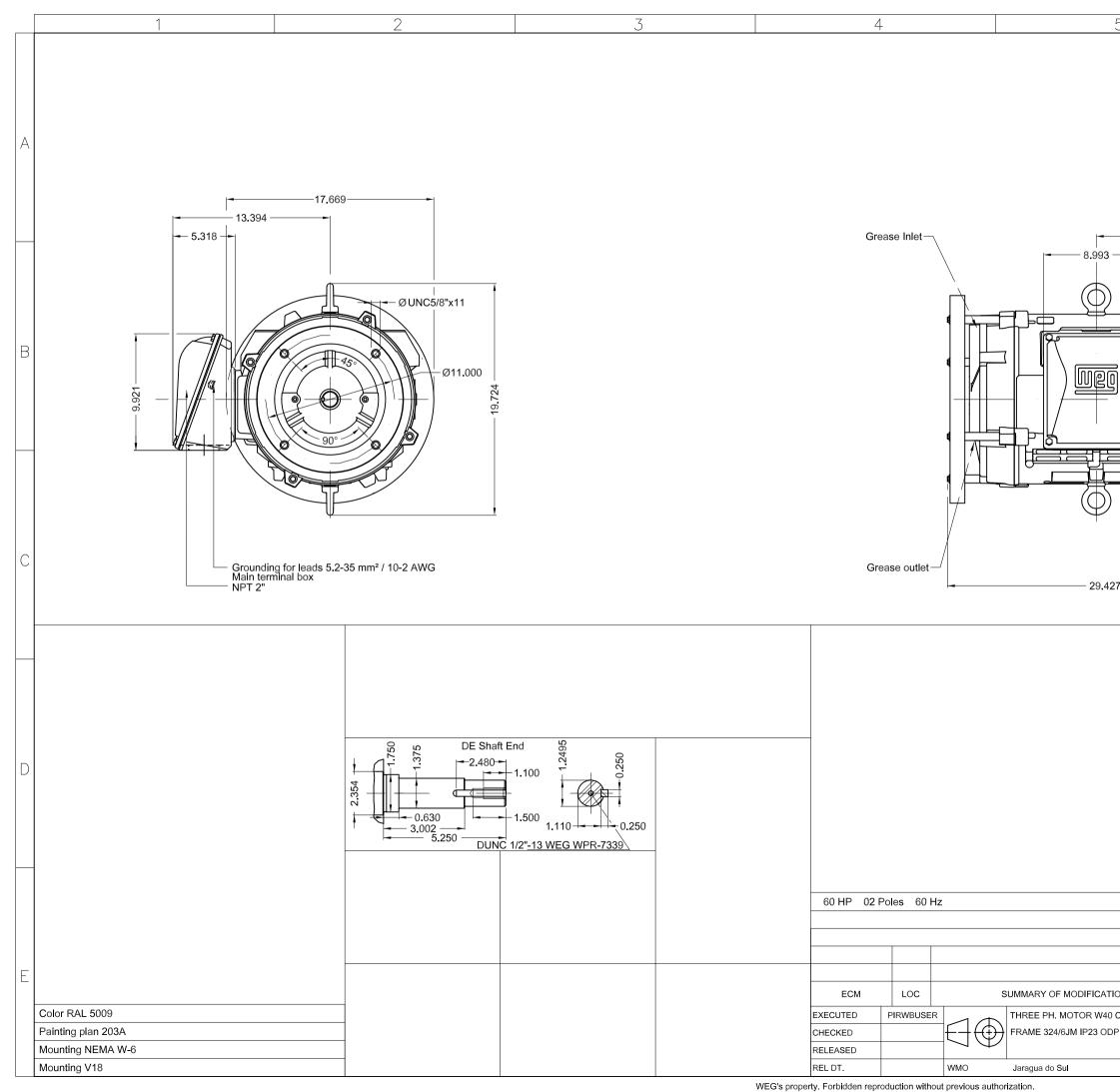
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