

1 Motor type: 8 2. Motor poles: 8 3. Operating Speed, max 4000 RPM 4. Base speed, max speed at peak torque), Ref: 3000 RPM 5. Operating Speed, max speed at peak torque), Ref: 3000 RPM 6. Continuous stall torque, max, at max winding temperature in a 40C ambient: 27 Nm (239 lb-in) 7. Winding temperature, max, in a 40C ambient: 140 degrees C 8. Continuous stall current, max; 50.04 Amps 0 to peak 9. Heatsink size, aluminum, attached to front mounting flange for continuous torque specifications; 56 Nm (496 lb-in) 10. Peak stall current, max; 56 Nm (496 lb-in) 11. Peak stall current, max; 56 Nm (496 lb-in) 12. Rated Speed (Speed at max continous power) 2000 13. Continuous output rating, max at rated speed: 24.8 Nm (219 lb-in) 14. Continuous stall current, trax; 150 Continuous stall current, trax; 15. Continuous output rating, max at rated speed: 24.8 Nm (219 lb-in) 14. Continuous stall current, trax; 150 Continuous stall current, trax; 150 Continuous stall curent, trax; <
3. Operating Speed, max 4000 RPM 4. Base speed (max speed at peak torque), Ref: 3000 RPM 5. Operating voltage at base speed: 220 VAC RMS 6. Continuous stall torque, max, at max winding temperature in a 40C ambient: 27 Nm (239 lb-in) 7. Winding temperature, max, in a 40C ambient: 400 degrees C 8. Continuous stall current, max: 59.04 Amps 0 to peak 9. Heatsink size, aluminum, attached to front mounting flange for continuous torque specifications: 305 x 305 x 25.4mm (12 x 12 x 1.0 inch) 10. Peak stall current, max: 56 NM (496 lb-in) 11. Peak stall current, max: 56 NM (496 lb-in) 12. Rated Speed (Speed at max continous power) 2000 13. Continuous output rating, max at rated speed: 5.204 kW (6.97 hp) 14. Continuous output rating, max at rated speed: 5.204 kW (6.97 hp) 14. Continuous output rating, max at rated speed: 5.20 kW (6.97 hp) 14. Continuous output rating, max at rated speed: 5.20 kW (6.97 hp) 14. Continuous output rating, max at rated speed: 5.20 kW (6.97 hp) 15. Continuous output rating, max at rated speed: 5.20 kW (6.97 hp) 14. Continuous output rating, max at rated speed: 5.20 kW (6.97 hp) 15. Continuous torque, Ref, kI to for direct connection to AC line):<
4. base speed (hax speed at peak folde), Kein 3000 KPM 5. Operating voltage at base speed: 220 VAC RMS 6. Continuous stall torque, max, at max winding temperature in a 40C ambient: 140 degrees C 7. Winding temperature, max, in a 40C ambient: 59.04 Amps 0 to peak 9. Heatsink size, aluminum, attached to front mounting flange for continuous torque specifications: 505 x 305 x 25.4mm (12 x 12 x 1.0 inch) 10. Peak stall torque, max: 56 Nm (496 lb-in) 11. Peak stall corrent, max: 125.86 Amps 0 to peak 12. Rated Speed (Speed at max continous power) 2000 13. Continuous output rating, max at rated speed: 5.20 kW (6.97 hp) 14. Continuous current, Ref, at rated speed: 24.8 kM (219 lb-in) 15. Continuous current, Ref, at rated speed: 145 C (Class F) 14. Housing temperature, max: 1252 (257F) 15. Ke, +/10%, phase to phase at 25C +/- 5C: 70 V/KRPM to to peak 20. Winding inductance, Ref, hase to phase at 25C +/- 5C: 0.066 ohms 20. Winding resistance, +/-10%, phase to phase at 25C +/- 5C: 0.066 ohms 20. Winding inductance, Ref, hase to phase: 1.92 mH 20. Dielectric rating of motor power connections (U,V,W), to ground for 1 second: 1800 VAC RMS 50/60 Hz 24. Audible noise, Ref, at 1 m
4. base speed (hax speed at peak folde), Kein 3000 KPM 5. Operating voltage at base speed: 220 VAC RMS 6. Continuous stall torque, max, at max winding temperature in a 40C ambient: 140 degrees C 7. Winding temperature, max, in a 40C ambient: 59.04 Amps 0 to peak 9. Heatsink size, aluminum, attached to front mounting flange for continuous torque specifications: 505 x 305 x 25.4mm (12 x 12 x 1.0 inch) 10. Peak stall torque, max: 56 Nm (496 lb-in) 11. Peak stall corrent, max: 125.86 Amps 0 to peak 12. Rated Speed (Speed at max continous power) 2000 13. Continuous output rating, max at rated speed: 5.20 kW (6.97 hp) 14. Continuous current, Ref, at rated speed: 24.8 kM (219 lb-in) 15. Continuous current, Ref, at rated speed: 145 C (Class F) 14. Housing temperature, max: 1252 (257F) 15. Ke, +/10%, phase to phase at 25C +/- 5C: 70 V/KRPM to to peak 20. Winding inductance, Ref, hase to phase at 25C +/- 5C: 0.066 ohms 20. Winding resistance, +/-10%, phase to phase at 25C +/- 5C: 0.066 ohms 20. Winding inductance, Ref, hase to phase: 1.92 mH 20. Dielectric rating of motor power connections (U,V,W), to ground for 1 second: 1800 VAC RMS 50/60 Hz 24. Audible noise, Ref, at 1 m
b) Optiming in transpondence 27 Nm (23) Bi-in) c) Continuous stall torque, max, at max winding temperature in a 40C ambient: 27 Nm (23) Bi-in) 7. Winding temperature, max, in a 40C ambient: 59.04 Amps 0 to peak 8. Continuous stall current, max: 59.04 Amps 0 to peak 9. Heatsink size, aluminum, attached to front mounting flange for continuous torque specifications: 305 x 305 x 25 x 25 Amm (12 x 12 x 1.0 inch) 10. Peak stall current, max: 125.86 Amps 0 to peak 12. Rated Speed (Speed at max continous power) 2000 13. Continuous torque, max, at rated speed: 5.20 kW (6.97 hp) 14. Continuous torque, max, at rated speed: 47.6 Amps 0 to peak 10. Operating voltage, Ref (Not for direct connection to AC line): 240 VAC RMS 17. Insulation class: 155C (Class F) 18. Housing temperature, max: 125 (257F) 19. Ke, +/10%, phase to phase at 25C +/-5C: 0.046 Amps (0.18223 lb-in-sec²) 20. Winding inductance, Ref, phase to phase: 1.92 mH 20. Dielectric rating of motor power connections (U,V,W), to ground for 1 second: 1800 VAC RMS 50/60 Hz 24. Audible noise, Ref, at 1 meter distance: XX dBA 25. Rotor instria, +/ 10%; 0.20205 Hg-m2 (0.18223 lb-in-sec²) 26. Rotor inertia, +/ 10%;
6. Continuous stall torque, max, at max winding temperature in a 40C ambient: 27 Nm (239 lb-in) 7. Winding temperature, max, in a 40C ambient: 140 degrees C 8. Continuous stall current, max; 59.04 Amps 0 to peak 9. Heatsink size, aluminum, attached to front mounting flange for continuous torque specifications: 305 x 305 x 25.4mm (12 x 12 x 1.0 inch) 10. Peak stall torque, max; 125.86 Amps 0 to peak 12. Rated Speed (Speed at max continous power) 2000 13. Continuous output rating, max at rated speed: 5.0 kW (6.97 hp) 14. Continuous torque, max, at rated speed: 47.6 Amps 0 to peak 16. Operating voltage, Ref (Not for direct connection to AC line): 240 VAC RMS 17. Insulation class: 155C (Class F) 18. Housing temperature, max: 125.67 (257F) 19. Ke, +/10%, phase to phase at 25C +/- 5C: 70 V/kRPM 0 to peak 20. Winding inductance, Ref, phase to phase: 1.92 mH 20. Dielectric rating of motor power connections (U,V,W), to ground for 1 second: 1800 VAC RMS 50/60 Hz 24. Audible noise, Ref, at 1 meter distance: Xx dBA 25. Rotor instria, +/- 10%: 0.0269 grm² (0.18223 lb-in-sec²) 26. Rotor inding unductance, Ref, winding to ambient: 0.44 Nm (3.93 lb-in) 26. Friction torque, Ref; </td
7. Winding temperature, max, in a 40C ambient: 140 degrees C 8. Continuous stall current, max; 59.04 Amps 0 to peak 9. Heatsink size, aluminum, attached to front mounting flange for continuous torque specifications; 305 x 305 x 25.4mm (12 x 12 x 1.0 inch) 10. Peak stall current, max; 56 Nm (496 lb-in) 11. Peak stall current, max; 125.86 Amps 0 to peak 12. Rated Speed (Speed at max continous power) 2000 13. Continuous output rating, max at rated speed; 5.20 kW (6.97 hp) 14. Continuous torque, max, at rated speed; 24.8 Nm (219 lb-in) 15. Continuous current, Ref, at rated speed; 24.8 Nm (219 lb-in) 16. Operating voltage, Ref (Not for direct connection to AC line): 240 VAC RMS 17. Insulation class; 155C (Class F) 18. Housing temperature, max; 125C (257F) 19. Ke, +10%, phase to phase at 25C +/-5C; 0.08 Nm/Amp (5.12 lb-in/Amp) 0 to peak 20. Winding inductance, Ref, phase to phase at 25C +/-5C; 0.066 ohms 21. Winding inductance, Ref, phase to phase at 25C +/-5C; 0.066 ohms 22. Winding inductance, Ref, phase to phase: 192 mH 23. Dielectric rating of motor power connections (U.V.W), to ground for 1 second: 1800 VAC RMS 50/60 Hz 24. Audible noise, Ref, at 1 meter distance:<
b. Continuous stant current, max. 305 x Mips 0 to peak 9. Heak stall current, max: 305 x 305 x 25.4 mm (12 x 12 x 1.0 inch) 10. Peak stall current, max: 305 x 305 x 25.4 mm (12 x 12 x 1.0 inch) 11. Peak stall current, max: 125.86 Amps 0 to peak 12. Rated Speed (Speed at max continous power) 2000 13. Continuous output rating, max at rated speed: 5.20 kW (6.97 hp) 14. Continuous current, Ref, at rated speed: 24.8 Nm (219 lb-in) 15. Continuous current, Ref, at rated speed: 47.6 Amps 0 to peak 16. Operating voltage, Ref (Not for direct connection to AC line): 240 VAC RMS 17. Insulation class: 155C (Class F) 18. Housing temperature, max: 125C (257F) 19. Ke, +/-10%, phase to phase at 25C +/- 5C: 0.066 ohms 20. Winding inductance, Ref, phase to phase: 1.92 mH 23. Dielectric rating of motor power connections (U,V,W), to ground for 1 second: 1800 VAC RMS 50/60 Hz 24. Audible noise, Ref, at 1 meter distance: XX dBA 25.2 Kotor inertia, +/- 10%; 6-6.3 27. Friction torque, Ref: 0.44 Nm (3.93 lb-in) 28. Rotor balancing quality grade: 6-6.3 29. Friction torque, Ref: 0.44 Nm (3.93 lb-in)
10. Peak stall torque, max: 56 Nm (496 lb-in) 11. Peak stall current, max: 125.86 Amps 0 to peak 12. Rated Speed (Speed at max continous power) 2000 13. Continuous output rating, max at rated speed: 5.20 kW (6.97 hp) 14. Continuous current, Ref, at rated speed: 24.8 Nm (219 lb-in) 15. Continuous current, Ref, at rated speed: 47.6 Amps 0 to peak 16. Operating voltage, Ref (Not for direct connection to AC line): 240 VAC RMS 17. Insulation class: 155C (Class F) 18. Housing temperature, max: 125C (257F) 19. Ke, +/-10%, phase to phase at 25C +/- 5C: 0.086 nm/Amp (5.12 lb-in/Amp) 0 to peak 20. Winding resistance, +/- 10%, phase to phase at 25C +/- 5C: 0.066 ohms 21. Winding resistance, +/- 10%, phase to phase at 25C +/- 5C: 0.066 ohms 22. Winding inductance, Ref, phase to phase: 1.92 mH 23. Dielectric rating of motor power connections (U,V,W), to ground for 1 second: 1800 VAC RMS 50/60 Hz 24. Audible noise, Ref, at 1 meter distance: XX dBA 25. Rotor balancing quality grade: G-6.3 27. Friction torque, Ref: 0.44 Nm (3.93 lb-in) 28. Friction torque, Ref: 0.44 Nm (4.06 lb-in) 29. Cogging torque, Ref: 0.46 Nm (4
10. Peak stall torque, max: 56 Nm (496 lb-in) 11. Peak stall current, max: 125.86 Amps 0 to peak 12. Rated Speed (Speed at max continous power) 2000 13. Continuous output rating, max at rated speed: 5.20 kW (6.97 hp) 14. Continuous current, Ref, at rated speed: 24.8 Nm (219 lb-in) 15. Continuous current, Ref, at rated speed: 47.6 Amps 0 to peak 16. Operating voltage, Ref (Not for direct connection to AC line): 240 VAC RMS 17. Insulation class: 155C (Class F) 18. Housing temperature, max: 125C (257F) 19. Ke, +/-10%, phase to phase at 25C +/- 5C: 0.086 nm/Amp (5.12 lb-in/Amp) 0 to peak 20. Winding resistance, +/- 10%, phase to phase at 25C +/- 5C: 0.066 ohms 21. Winding resistance, +/- 10%, phase to phase at 25C +/- 5C: 0.066 ohms 22. Winding inductance, Ref, phase to phase: 1.92 mH 23. Dielectric rating of motor power connections (U,V,W), to ground for 1 second: 1800 VAC RMS 50/60 Hz 24. Audible noise, Ref, at 1 meter distance: XX dBA 25. Rotor balancing quality grade: G-6.3 27. Friction torque, Ref: 0.44 Nm (3.93 lb-in) 28. Friction torque, Ref: 0.44 Nm (4.06 lb-in) 29. Cogging torque, Ref: 0.46 Nm (4
11. Peak stall current, max: 125.86 Amps 0 to peak 12. Rated Speed (Speed at max continous power) 2000 13. Continuous output rating, max at rated speed: 5.20 kW (6.97 hp) 14. Continuous torque, max, at rated speed: 24.8 Nm (219 lb-in) 15. Continuous current, Ref, at rated speed: 47.6 Amps 0 to peak 16. Operating voltage, Ref (Not for direct connection to AC line): 240 VAC RMS 17. Insulation class: 155C (Class F) 18. Housing temperature, max: 125C (257F) 19. Ke, +/-10%, phase to phase at 25C +/- 5C: 70 V/kRPM 0 to peak 20. Winding resistance, +/- 10%, phase to phase at 25C +/- 5C: 0.066 ohms 21. Winding resistance, +/- 10%, phase to phase at 25C +/- 5C: 0.066 ohms 22. Winding inductance, Ref, phase to phase: 1.92 mH 23. Dielectric rating of motor power connections (U,V,W), to ground for 1 second: 1800 VAC RMS 50/60 Hz 24. Audible noise, Ref, at 1 meter distance: XX dBA 25. Rotor inertia, +/- 10%: 0.02059 kg-m² (0.18223 lb-in-sec²) 26. Rotor balancing quality grade: G-6.3 27. Friction torque, Ref: 0.44 Nm (3.93 lb-in) 28. Friction torque, Ref: 0.44 Nm (3.93 lb-in) 29. Cogging torque, Ref: 0.46 Nm (4.06
12. Rated Speed (Speed at max continous power) 2000 13. Continuous output rating, max at rated speed: 5.20 kW (6.97 hp) 14. Continuous turge, max, at rated speed: 24.8 Nm (219 lb-in) 15. Continuous current, Ref, at rated speed: 47.6 Amps 0 to peak 16. Operating voltage, Ref (Not for direct connection to AC line): 240 VAC RMS 17. Insulation class: 155C (Class F) 18. Housing temperature, max: 125C (257F) 19. Ke, +/-10%, phase to phase at 25C +/- 5C: 70 V/kRPM 0 to peak 21. Winding resistance, +/- 10%, phase to phase at 25C +/- 5C: 0.066 ohms 22. Winding inductance, Ref, phase to phase: 1.92 mH 23. Dielectric rating of motor power connections (U,V,W), to ground for 1 second: 1800 VAC RMS 50/60 Hz 24. Audible noise, Ref, at 1 meter distance: XX dBA 25. Rotor inertia, +/- 10%: 0.02059 kg-m² (0.18223 lb-in-sec²) 26. Rotor balancing quality grade: G-6.3 27. Friction torque, Ref. 0.44 Nm (3.93 lb-in) 28. Friction torque, Ref. 0.46 Nm (4.06 lb-in) 29. Cogging torque, Ref. 0.46 Nm (4.07 lb-in) peak to peak
13. Continuous output rating, max at rated speed: 5.20 kW (6.97 hp) 14. Continuous torque, max, at rated speed: 24.8 Nm (219 lb-in) 15. Continuous current, Ref, at rated speed: 47.6 Amps 0 to peak 16. Operating voltage, Ref (Not for direct connection to AC line): 240 VAC RMS 17. Insulation class: 155C (Class F) 18. Housing temperature, max: 125C (257F) 19. Ke, +/-10%, phase to phase at 25C +/- 5C: 70 V/kRPM 0 to peak 20. Kt (sine), Ref, at 25C +/- 5C: 0.58 Nm/Amp (5.12 lb-in/Amp) 0 to peak 20. Kt (sine), Ref, at 25C +/- 5C: 0.066 ohms 21. Winding resistance, +/- 10%, phase to phase at 25C +/- 5C: 0.066 ohms 22. Winding inductance, Ref, phase to phase: 1.92 mH 23. Dielectric rating of motor power connections (U,V,W), to ground for 1 second: 1800 VAC RMS 50/60 Hz 24. Audible noise, Ref, at 1 meter distance: XX dBA 25. Rotor inertia, +/- 10%: 0.02059 kg-m² (0.18223 lb-in-sec²) 26. Rotor balancing quality grade: G-6.3 27. Friction torque, Ref: 0.44 Nm (3.93 lb-in) 28. Friction torque, Ref: 0.44 Nm (3.93 lb-in) 29. Cogging torque, Ref: 0.256 Nm (2.27 lb-in) peak to peak 30. Thermal resistance, Ref, winding to ambient:
14. Continuous longue, max, an later speed: 24.8 Nm (2.19 lb-m) 15. Continuous current, Ref, at rated speed: 47.6 Amps to peak 16. Operating voltage, Ref (Not for direct connection to AC line): 240 VAC RMS 17. Insulation class: 155C (Class F) 18. Housing temperature, max: 125C (257F) 19. Ke, +/-10%, phase to phase at 25C +/- 5C: 70 V/kRPM 0 to peak 20. Kt (sine), Ref, at 25C +/- 5C: 0.66 ohms 21. Winding resistance, +/- 10%, phase to phase at 25C +/- 5C: 0.066 ohms 22. Winding inductance, Ref, phase to phase: 1.92 mH 23. Dielectric rating of motor power connections (U,V,W), to ground for 1 second: 1800 VAC RMS 50/60 Hz 24. Audible noise, Ref, at 1 meter distance: XX dBA 25. Rotor inertia, +/- 10%: 0.02059 kg-m² (0.18223 lb-in-sec²) 26. Rotor balancing quality grade: G-6.3 27. Friction torque, Ref: 0.44 Nm (3.93 lb-in) 28. Friction torque, Ref: 0.49 degrees C/watt
15. Continuous current, Ker, at rated speed.44.5 Aritys of b peak16. Operating voltage, Ref (Not for direct connection to AC line):240 VAC RMS17. Insulation class:155C (Class F)18. Housing temperature, max:125C (257F)19. Ke, +/-10%, phase to phase at 25C +/- 5C:70 V/kRPM 0 to peak20. Kt (sine), Ref, at 25C +/- 5C:0.58 Nm/Amp (5.12 lb-in/Amp) 0 to peak21. Winding resistance, +/- 10%, phase to phase at 25C +/- 5C:0.066 ohms22. Winding inductance, Ref, phase to phase:1.92 mH23. Dielectric rating of motor power connections (U,V,W), to ground for 1 second:1800 VAC RMS 50/60 Hz24. Audible noise, Ref, at 1 meter distance:XX dBA25. Rotor inertia, +/- 10%:0.02059 kg-m² (0.18223 lb-in-sec²)26. Rotor balancing quality grade:G-6.327. Friction torque, Ref:0.44 Nm (3.93 lb-in)28. Friction torque, Ref.0.46 Nm (4.06 lb-in)29. Cogging torque, Ref:0.256 Nm (2.27 lb-in) peak to peak30. Thermal resistance, Ref, winding to ambient:0.49 degrees C/watt
17. Insulation class:155C (Class P)18. Housing temperature, max:125C (257F)19. Ke, +/-10%, phase to phase at 25C +/- 5C:70 V/kRPM 0 to peak20. Kt (sine), Ref, at 25C +/- 5C:0.58 Nm/Amp (5.12 lb-in/Amp) 0 to peak21. Winding resistance, +/- 10%, phase to phase at 25C +/- 5C:0.066 ohms22. Winding inductance, Ref, phase to phase:1.92 mH23. Dielectric rating of motor power connections (U,V,W), to ground for 1 second:1800 VAC RMS 50/60 Hz24. Audible noise, Ref, at 1 meter distance:XX dBA25. Rotor inertia, +/- 10%:0.02059 kg-m² (0.18223 lb-in-sec²)26. Rotor balancing quality grade:G-6.327. Friction torque, Ref:0.44 Nm (3.93 lb-in)28. Friction torque, Ref, with shaft seal option installed:0.256 Nm (2.27 lb-in) peak to peak29. Cogging torque, Ref:0.256 Nm (2.27 lb-in) peak to peak30. Thermal resistance, Ref, winding to ambient:0.49 degrees C/watt
17. Insulation class:155C (Class P)18. Housing temperature, max:125C (257F)19. Ke, +/-10%, phase to phase at 25C +/- 5C:70 V/kRPM 0 to peak20. Kt (sine), Ref, at 25C +/- 5C:0.58 Nm/Amp (5.12 lb-in/Amp) 0 to peak21. Winding resistance, +/- 10%, phase to phase at 25C +/- 5C:0.066 ohms22. Winding inductance, Ref, phase to phase:1.92 mH23. Dielectric rating of motor power connections (U,V,W), to ground for 1 second:1800 VAC RMS 50/60 Hz24. Audible noise, Ref, at 1 meter distance:XX dBA25. Rotor inertia, +/- 10%:0.02059 kg-m² (0.18223 lb-in-sec²)26. Rotor balancing quality grade:G-6.327. Friction torque, Ref:0.44 Nm (3.93 lb-in)28. Friction torque, Ref, with shaft seal option installed:0.256 Nm (2.27 lb-in) peak to peak29. Cogging torque, Ref:0.256 Nm (2.27 lb-in) peak to peak30. Thermal resistance, Ref, winding to ambient:0.49 degrees C/watt
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20. Kt (she), Ref. at 25C +/- 5C: 0.036 NM/Anip (5.12 ib-in/Anip) 0 to beak 21. Winding resistance, +/- 10%, phase to phase at 25C +/- 5C: 0.066 ohms 22. Winding inductance, Ref, phase to phase: 1.92 mH 23. Dielectric rating of motor power connections (U,V,W), to ground for 1 second: 1800 VAC RMS 50/60 Hz 24. Audible noise, Ref, at 1 meter distance: XX dBA 25. Rotor inertia, +/- 10%: 0.02059 kg-m² (0.18223 lb-in-sec²) 26. Rotor balancing quality grade: G-6.3 27. Friction torque, Ref: 0.44 Nm (3.93 lb-in) 28. Friction torque, Ref: 0.46 Nm (4.06 lb-in) 29. Cogging torque, Ref: 0.256 Nm (2.27 lb-in) peak to peak 30. Thermal resistance, Ref, winding to ambient: 0.49 degrees C/watt
20. Kt (she), Ref. at 25C +/- 5C: 0.036 NM/Anip (5.12 ib-in/Anip) 0 to beak 21. Winding resistance, +/- 10%, phase to phase at 25C +/- 5C: 0.066 ohms 22. Winding inductance, Ref, phase to phase: 1.92 mH 23. Dielectric rating of motor power connections (U,V,W), to ground for 1 second: 1800 VAC RMS 50/60 Hz 24. Audible noise, Ref, at 1 meter distance: XX dBA 25. Rotor inertia, +/- 10%: 0.02059 kg-m² (0.18223 lb-in-sec²) 26. Rotor balancing quality grade: G-6.3 27. Friction torque, Ref: 0.44 Nm (3.93 lb-in) 28. Friction torque, Ref: 0.46 Nm (4.06 lb-in) 29. Cogging torque, Ref: 0.256 Nm (2.27 lb-in) peak to peak 30. Thermal resistance, Ref, winding to ambient: 0.49 degrees C/watt
21. Winding resistance, #/- 10%, phase to phase at 25C +/- 5C: 0.000 00000 22. Winding inductance, Ref, phase to phase: 1.92 mH 23. Dielectric rating of motor power connections (U,V,W), to ground for 1 second: 1800 VAC RMS 50/60 Hz 24. Audible noise, Ref, at 1 meter distance: XX dBA 25. Rotor inertia, +/- 10%: 0.02059 kg-m² (0.18223 lb-in-sec²) 26. Rotor balancing quality grade: G-6.3 27. Friction torque, Ref: 0.44 Nm (3.93 lb-in) 28. Friction torque, Ref, with shaft seal option installed: 0.46 Nm (4.06 lb-in) 29. Cogging torque, Ref: 0.256 Nm (2.27 lb-in) peak to peak 30. Thermal resistance, Ref, winding to ambient: 0.49 degrees C/watt
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23. Dielectric rating of motor power connections (U,V,W), to ground for 1 second: 1800 VAC RMS 50/60 H2 24. Audible noise, Ref, at 1 meter distance: XX dBA 25. Rotor inertia, +/- 10%: 0.02059 kg-m² (0.18223 lb-in-sec²) 26. Rotor balancing quality grade: G-6.3 27. Friction torque, Ref: 0.44 Nm (3.93 lb-in) 28. Friction torque, Ref, with shaft seal option installed: 0.46 Nm (4.06 lb-in) 29. Cogging torque, Ref: 0.256 Nm (2.27 lb-in) peak to peak 30. Thermal resistance, Ref, winding to ambient: 0.49 degrees C/watt
24. Audible noise, Ref, at 1 meter distance: XX dBA 25. Rotor inertia, +/- 10%: 0.02059 kg-m² (0.18223 lb-in-sec²) 26. Rotor balancing quality grade: G-6.3 27. Friction torque, Ref: 0.44 Nm (3.93 lb-in) 28. Friction torque, Ref, with shaft seal option installed: 0.46 Nm (4.06 lb-in) 29. Cogging torque, Ref: 0.256 Nm (2.27 lb-in) peak to peak 30. Thermal resistance, Ref, winding to ambient: 0.49 degrees C/watt
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29. Cogging torque, Ref: 0.256 Nm (2.27 lb-in) peak to peak 30. Thermal resistance, Ref, winding to ambient: 0.49 degrees C/watt
30. Thermal resistance, Ref, winding to ambient: 0.49 degrees C/watt
31. Thermal time constant, Ref, winding to ambient: 76 minutes
32. Product weight, Ref:
33. Shipping weight, Rei: 49.26 kg (108.5 lb)
34. Operating ambient temperature: 0C to 40C (32F to 104F)
Notes.
1. "Ref" denotes untoleranced specifications, provided for reference only.
2. Speed, torque and current specifications are for operation with Allen Bradley drives.
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Dr. Scott Johnson Date 08-26-09

General Specifications, continued:	
35. Storage ambient temperature:	-30C to 70C (-22F to 158F)
36. Relative humidity, non-condensing:	5% to 95%
37. Liquid / dust protection:	IP66
38. Shock, max, 6 msec duration:	20 g peak
39. Vibration, max, 30 to 2000 Hz:	2.5 g peak
40. Shaft material:	Steel, 1144
41. Paint, color:	Black
40. Objects loss (if a new ideal) for a tangentian and an analysis and the new formation and the instant	

42. Shaft, key (if provided), front mounting surface, and connector mating surfaces are not painted.

Feedback Specifications:

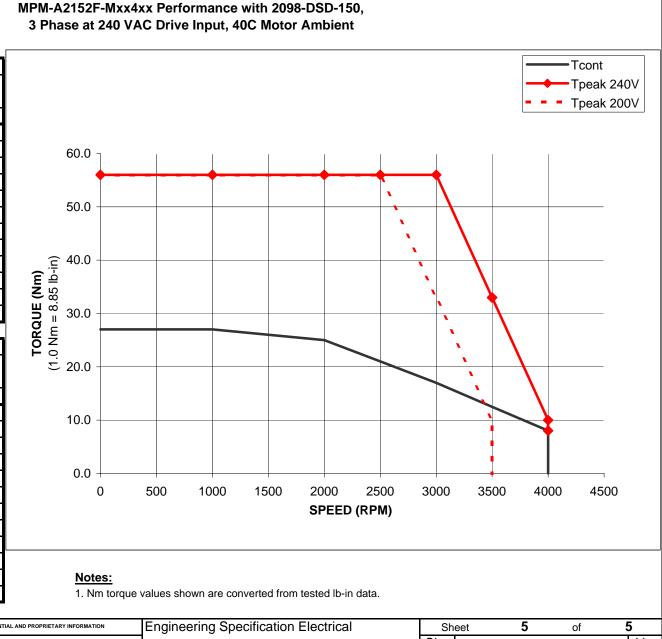
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<u>Notes:</u> 1. "Ref" denotes untoleranced s	pecifications, provided for reference only	у.					
 Data (byte) format: Start bit Memory storage capacity, E 			100	bytes			
	rate, asynchronous: Encoder is slave, communication is extension is extension is extension and the state of t		<u> </u>	32,767 ([*]	15 bit)		
13. DATA+, DATA- signal type,	rate, asynchronous:		RS	485, 9600) baud		
12. TS+, TS- thermostat continu	uous current, max, at 1.0 power factor:		2.5	Amps			
11. TS+, TS- thermostat continu	uous current, max, at 0.6 power factor:		1.6	Amps			
10. TS+, TS- thermostat operat	• •		050	Volts			
 EFWR 9V continuous input of 9 EPWR 9V inrush input currer 	nt, max, when connected to Kinetix6000	drive.	3.9	ADC			
 EPWR 9V (encoder power) ii EPWR 9V continuous input of 	nput voltage:		7.0	to 12.0 VI mADC	DC		
6. EPWR 5V inrush input currer					DO		
5. EPWR 5V continuous input c	current.max. at 5.0 VDC:		N/A	L .			
EPWR 5V (encoder power) in	nput voltage:		N/A				
3. SIN -, COS - voltage offset w	ith respect to ECOM ± 0.3 VDC:		2.5	VDC			
2 SINLCOS waveform amplitur	No. 1 100/ ·		1.0	VAC peal	k to peak		
1. SIN, COS waveform output:			102	4 sinusoid	ds/rev		

Brake Specifications: 1. Type: Spring-set holding brake, releases when voltage applied.	
2. Holding torque, max:	70 Nm (619 lb-in)
3. Voltage input, +15/-10%, may be applied either polarity:	24 VDC
4. Current input, +/- 10%, at 24 VDC, at 25C +/- 5C:	2.05 ADC
5. Coil resistance, +/-10%, at 25C +/- 5C:	11.76 Ohms
6. Coil resistance, +/-10%, with motor operating at max continuous stall torque rating in a 40C ambient:	16.46 Ohms
7. Release time delay (when voltage applied), Ref:	200 msec
8. Engage time delay, (when voltage removed), Ref, with diode used as arc suppression device	
in external control circuit:	900 msec
9. Engage time delay, (when voltage removed), Ref, with MOV used as arc suppression device	
in external control circuit:	120 msec
10. Rotational backlash, Ref, with brake engaged:	25 arc minutes
11. Dielectric rating of brake connections (MBRK+, MBRK-) to ground for 1 second:	1200 VAC RMS 50/60 Hz

Notes:

1. "Ref" denotes untoleranced specifications, provided for reference only. Engineering Specification Electrical CONFIDENTIAL AND PROPRIETARY INFORMATION 4 5 Sheet of **Rockwell** Automation Size Ver THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATIC OF ROCKWELL AUTOMATION, INC. AND MAY NOT BE USED, COPIED OR DISCLOSED TO OTHERS, EXCEPT WITH THE AUTHORIZED WRITTEN PERMISSION OF ROCKWELL AUTOMATION, INC. MPM-A2152F-MJ74AA 10000073869 01 Α Dr. Scott Johnson Date 08-26-09





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