



### FastTrack Motor Performance Ratings

| Motor Model                | Max Voltage (V) | Max Speed (RPM) | Max Continuous Torque (lb-in) | Max Peak Torque (lb-in) | Max Operating Temperature (°C) | Weight (lbs) |
|----------------------------|-----------------|-----------------|-------------------------------|-------------------------|--------------------------------|--------------|
| <b>NEMA 17, 8 Pole</b>     |                 |                 |                               |                         |                                |              |
| MT040-1                    | 325             | 6000            | 1.2                           | 4                       | 145                            | 0.75         |
| MT040-2                    | 325             | 6000            | 2.4                           | 8                       | 145                            | 0.9          |
| MT040-3                    | 325             | 6000            | 3.5                           | 12                      | 145                            | 1.05         |
| MT040-4                    | 325             | 6000            | 4.6                           | 16                      | 145                            | 1.2          |
| MT040-5                    | 325             | 6000            | 5.7                           | 20                      | 145                            | 1.35         |
| <b>NEMA 23, 8 Pole</b>     |                 |                 |                               |                         |                                |              |
| MT057-1                    | 325             | 6000            | 4.5                           | 15                      | 145                            | 2.2          |
| MT057-2                    | 325             | 6000            | 9                             | 30                      | 145                            | 3.1          |
| MT057-3                    | 325             | 6000            | 13                            | 45                      | 145                            | 4            |
| MT057-4                    | 325             | 6000            | 17                            | 60                      | 145                            | 5            |
| <b>NEMA 34, 8 Pole</b>     |                 |                 |                               |                         |                                |              |
| MT086-1                    | 325             | 6000            | 16                            | 60                      | 145                            | 7            |
| MT086-2                    | 325             | 6000            | 32                            | 120                     | 145                            | 10           |
| MT086-3                    | 325             | 6000            | 47                            | 180                     | 145                            | 13           |
| MT086-4                    | 325             | 6000            | 62                            | 240                     | 145                            | 16           |
| <b>NEMA 56, 8 Pole</b>     |                 |                 |                               |                         |                                |              |
| MT110-1                    | 325             | 4000            | 32.5                          | 120                     | 145                            | 14           |
| MT110-2                    | 325             | 4000            | 65                            | 240                     | 145                            | 18           |
| MT110-3                    | 325             | 4000            | 97                            | 360                     | 145                            | 22           |
| MT110-4                    | 325             | 4000            | 128                           | 480                     | 145                            | 26           |
| <b>Metric 142, 8 Pole</b>  |                 |                 |                               |                         |                                |              |
| MT142-1                    | 325             | 4000            | 65                            | 215                     | 145                            | 17           |
| MT142-2                    | 325             | 4000            | 130                           | 430                     | 145                            | 22.5         |
| MT142-3                    | 325             | 4000            | 195                           | 645                     | 145                            | 28           |
| MT142-4                    | 325             | 4000            | 260                           | 860                     | 145                            | 33.5         |
| <b>Metric 190, 10 Pole</b> |                 |                 |                               |                         |                                |              |
| MT190-1                    | 325             | 4000            | 150                           | 375                     | 145                            | 21           |
| MT190-2                    | 325             | 4000            | 300                           | 750                     | 145                            | 25           |
| MT190-3                    | 325             | 4000            | 450                           | 1125                    | 145                            | 30           |
| MT190-4                    | 325             | 4000            | 600                           | 1500                    | 145                            | 35           |
| <b>NEMA 17, 4 Pole</b>     |                 |                 |                               |                         |                                |              |
| HS040-1                    | 325             | 10000           | 0.75                          | 1.5                     | 145                            | 0.7          |
| HS040-2                    | 325             | 10000           | 1.12                          | 3                       | 145                            | 0.85         |
| HS040-3                    | 325             | 10000           | 1.56                          | 4.5                     | 145                            | 1            |
| HS040-4                    | 325             | 10000           | 1.94                          | 6                       | 145                            | 1.15         |
| HS040-5                    | 325             | 10000           | 2.25                          | 7.5                     | 145                            | 1.3          |
| <b>NEMA 23, 4 Pole</b>     |                 |                 |                               |                         |                                |              |
| HS057-1                    | 325             | 8000            | 2.8                           | 7                       | 145                            | 2.1          |
| HS057-2                    | 325             | 8000            | 5.6                           | 14                      | 145                            | 3            |
| HS057-3                    | 325             | 8000            | 8                             | 20                      | 145                            | 3.8          |
| HS057-4                    | 325             | 8000            | 10.5                          | 26                      | 145                            | 4.6          |
| <b>NEMA 34, 4 Pole</b>     |                 |                 |                               |                         |                                |              |
| HS086-1                    | 325             | 8000            | 9                             | 22.5                    | 145                            | 6            |
| HS086-2                    | 325             | 8000            | 18                            | 45                      | 145                            | 9            |
| HS086-3                    | 325             | 8000            | 25                            | 62.5                    | 145                            | 11           |
| HS086-4                    | 325             | 8000            | 30                            | 75                      | 145                            | 13           |
| <b>NEMA 56, 4 Pole</b>     |                 |                 |                               |                         |                                |              |
| HS110-1                    | 325             | 8000            | 20                            | 50                      | 145                            | 14           |
| HS110-2                    | 325             | 8000            | 40                            | 100                     | 145                            | 18           |
| HS110-3                    | 325             | 8000            | 60                            | 150                     | 145                            | 22           |
| HS110-4                    | 325             | 8000            | 80                            | 200                     | 145                            | 26           |