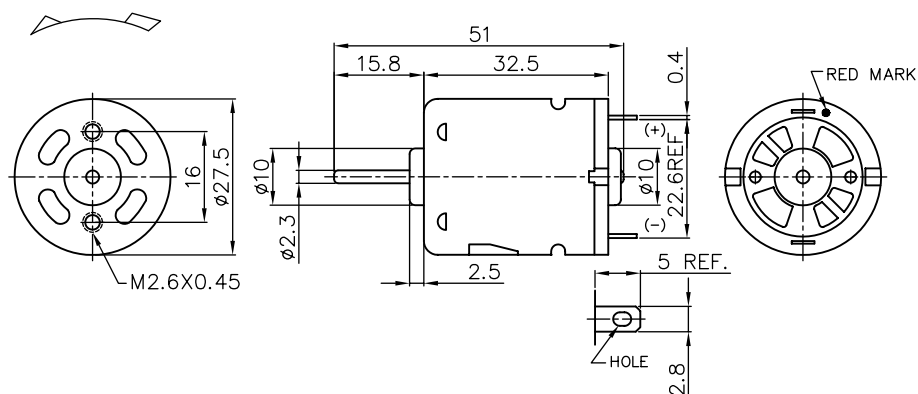


## M\_3N series Ø27.5 mm 4.2-12 W

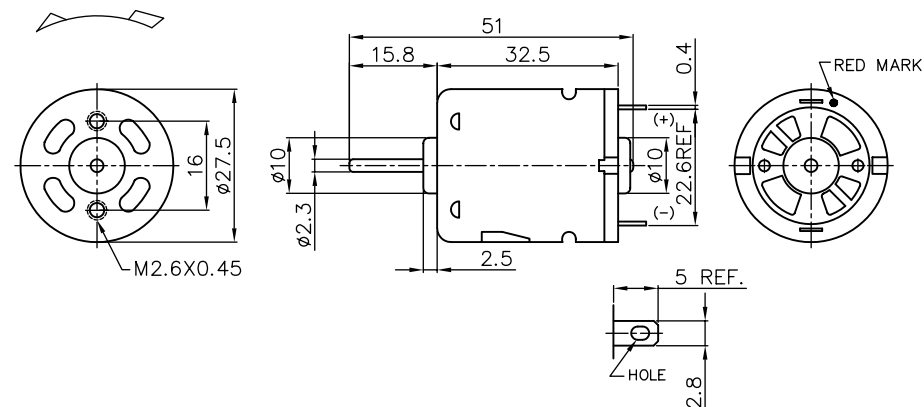


Model - ☐ - ☐  
 Carbon brush = C V = Varistor  
 Metal brush = M C = Capacitor

### MOTOR DATA

| Part name                    | MD3N-3745-CVC | MP3N-2495-CVC | MS3N-2880-CVC | MP3N-3260-CVC |
|------------------------------|---------------|---------------|---------------|---------------|
| Diameter (mm)                | 27.5          | 27.5          | 27.5          | 27.5          |
| Length (mm)                  | 32.5          | 32.5          | 32.5          | 32.5          |
| Nominal voltage (V)          | 3.6           | 6             | 6             | 6             |
| Nominal speed (rpm)          | 9900          | 8000          | 9900          | 12200         |
| Nominal torque (mNm)         | 5.4           | 4.9           | 5.6           | 9.6           |
| Nominal current A            | 2.6           | 1.2           | 1.6           | 3.4           |
| No load speed (rpm)          | 12500         | 9800          | 12000         | 15000         |
| No load current A            | 0.80          | 0.30          | 0.35          | 0.55          |
| Stall torque (mNm)           | 25.9          | 30.3          | 35.6          | 51.4          |
| Starting current (A)         | 9.5           | 5.8           | 8.2           | 14.9          |
| Output (W)                   | 5.7           | 4.2           | 5.9           | 12            |
| Efficiency (%)               | 61            | 60            | 64            | 62            |
| Operating temperature deg. C | -10...+60     | -10...+60     | -10...+60     | -10...+60     |

## M\_5N series Ø27.5 mm 1.2-11 W



Model - ☐ - ☐  
 Carbon brush = C V = Varistor  
 Metal brush = M C = Capacitor

### MOTOR DATA

| Part name                    | MS5N-2365-CVC | MP5N-08360-CVC | MP5N-12190-CVC |  |
|------------------------------|---------------|----------------|----------------|--|
| Diameter (mm)                | 27.5          | 27.5           | 27.5           |  |
| Length (mm)                  | 32.5          | 32.5           | 32.5           |  |
| Nominal voltage (V)          | 12            | 24             | 24             |  |
| Nominal speed (rpm)          | 12400         | 3500           | 7800           |  |
| Nominal torque (mNm)         | 9.1           | 3.2            | 6.0            |  |
| Nominal current A            | 1.7           | 0.1            | 0.4            |  |
| No load speed (rpm)          | 16600         | 4800           | 10200          |  |
| No load current A            | 0.40          | 0.05           | 0.10           |  |
| Stall torque (mNm)           | 41.8          | 12.7           | 25.9           |  |
| Starting current (A)         | 6.3           | 0.3            | 1.2            |  |
| Output (W)                   | 11            | 1.2            | 4.91           |  |
| Efficiency (%)               | 58            | 42             | 59             |  |
| Operating temperature deg. C | -10...+60     | -10...+60      | -10...+60      |  |