The SW2K Electric Wiper Motor delivers a minimum of 36 Nm of torque and offers optimum efficiency and reliability. It has a longer service life than traditional electric motors, yet requires no maintenance.

Like all other wiper motors from Sprague Devices, every SW2K is 100% tested for electrical current, speed, and park position.

For ultimate performance and reliability, specify the SW2K Wiper Motor on your next wiper system application.

For complete product/service information call us toll-free at (800) 245-7691.

**Performance Benefits**
- Small frame size yet high torque.
- RFI suppression.
- Optimal mounting design.
- Water protected.
- Straight & tapered shaft styles available.

**Design Features**
- Standard 12 volt D.C. operation.
- Light weight; 3 lbs.
- Internal thermo switch protects against stall conditions.
- Dynamic park.
- Available with connector on wire harness.
- All leads and contact plates are located inside the motor.
- Aluminum gear housing.
- Motor housing, gear housing, gear cover and output shaft are all individually sealed.
- Steel worm and polymer drive gears.

**Quality Assurance**
- SW2K wiper systems exceed OEM durability requirements of 4.5 million cycles.
- Every motor is tested prior to shipment for speed, park position and current draw.
- Quality control processes insure all parts meet design specifications.

**Performance Features**

<table>
<thead>
<tr>
<th>TORQUE</th>
<th>LOW SPEED</th>
<th>HIGH SPEED</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nm</td>
<td>CPM</td>
<td>CPM</td>
<td>Kg</td>
</tr>
<tr>
<td>&gt;36</td>
<td>40±5</td>
<td>63±5</td>
<td>1.4</td>
</tr>
</tbody>
</table>
SPRAGUE DEVICES, INC.
SW2K-WINDSHIELD WIPER MOTOR
SPECIFICATIONS

CIRCUIT DIAGRAM
(with overload & RFI protection)

DETAIL DRAWINGS

TORQUE TESTING

SW2K 404.352 & 404.353

Current 2

Current 1

Speed/Torque 2

Speed/Torque 1

Torque

31 Black (Negative)

53b 63
Yellow Green (High) (Low)

31b Blue (Park)

53a Red (Battery)

Direction Of Rotation

120° TYP.

M6 Threads
3-Places
On 2.835 B.C. Dia.

4.78

5.65

7.09

3.93

1.38

42 Teeth
.370 O.D.
.347 P.D.

10" Nominal Wire Harness

Straight Spline
PART #404.353

A12 X M8

Tapered Spline
PART #404.352

Mating Connector Available

SPRAGUE
Heavy Duty Technology Group