

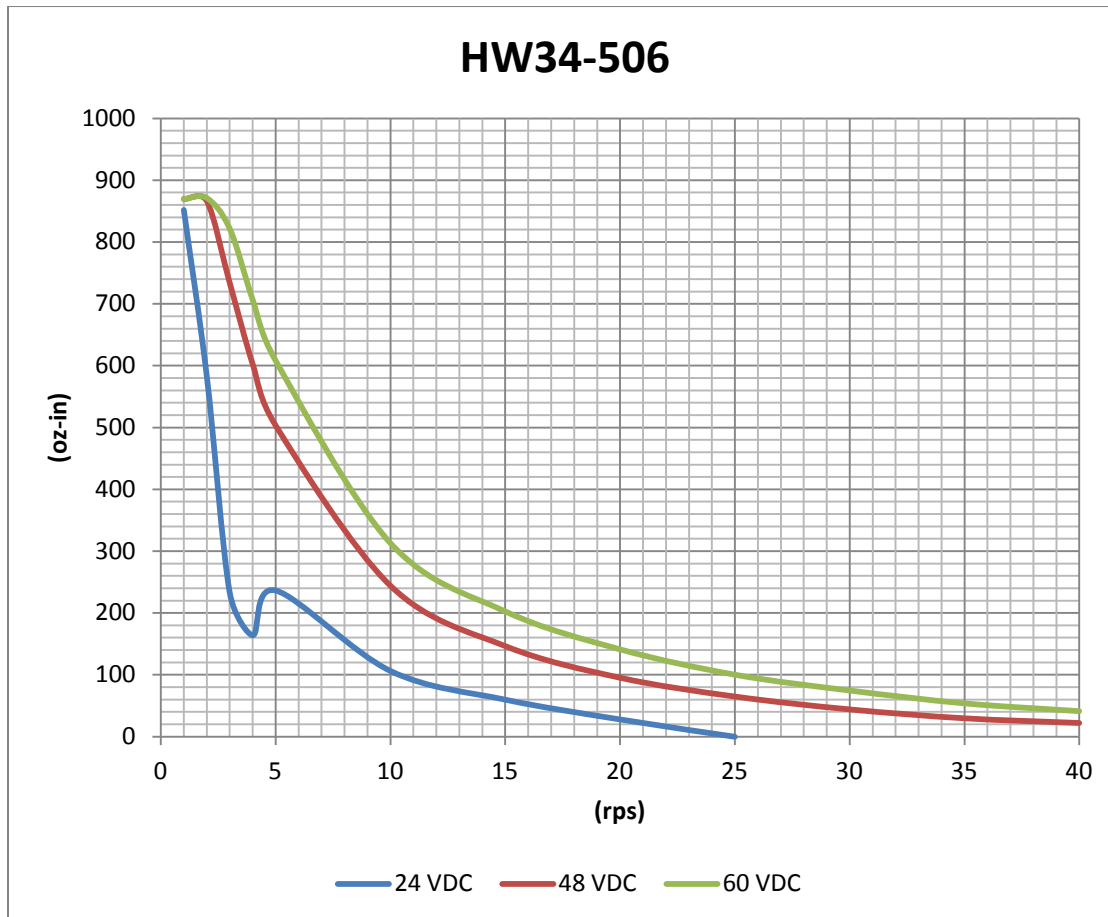
# HW34-506

*IP 65 Rated, NEMA 34 High Torque Step Motor*

## Recommended Drives

1. STR8
2. ST Series: ST10 models

## Speed vs. Torque Curves



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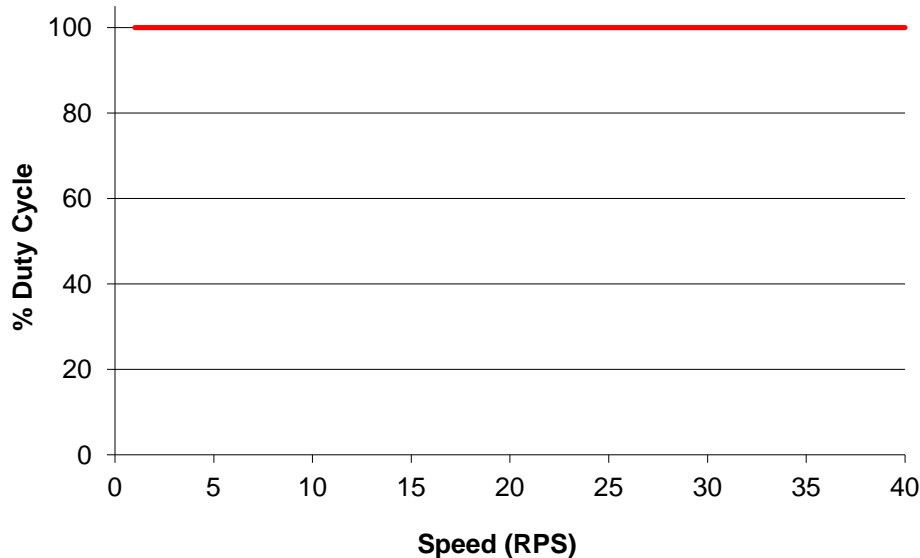
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**Duty Cycle Curves**

**HW34-506 Max Duty Cycle vs Speed**  
24, 48 or 60 VDC, 6.72A 40 °C Ambient  
on a 10 x 10 x .5 Aluminum Plate

**Drive Configuration Details**

1. STR8
  - 1.1. Wire the motor to the drive using the parallel connection method.
  - 1.2. Select rotary switch position F for HT34-506.
  - 1.3. See the STR4/8 hardware manual for more setup details.
2. ST10 models
  - 2.1. Wire the motor to the drive using the parallel connection method.
  - 2.2. Use the *ST Configurator*<sup>™</sup> software to configure the drive and motor.
  - 2.3. Select HT34-478/506 from the “Standard motor” drop-down menu of the Motor dialog.
  - 2.4. See the relevant ST10 hardware manual for more setup details.

**Additional Data**

Additional data for this motor, including a 2D drawing and a 3D model, are available for download from the Applied Motion website, [www.applied-motion.com](http://www.applied-motion.com).

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