

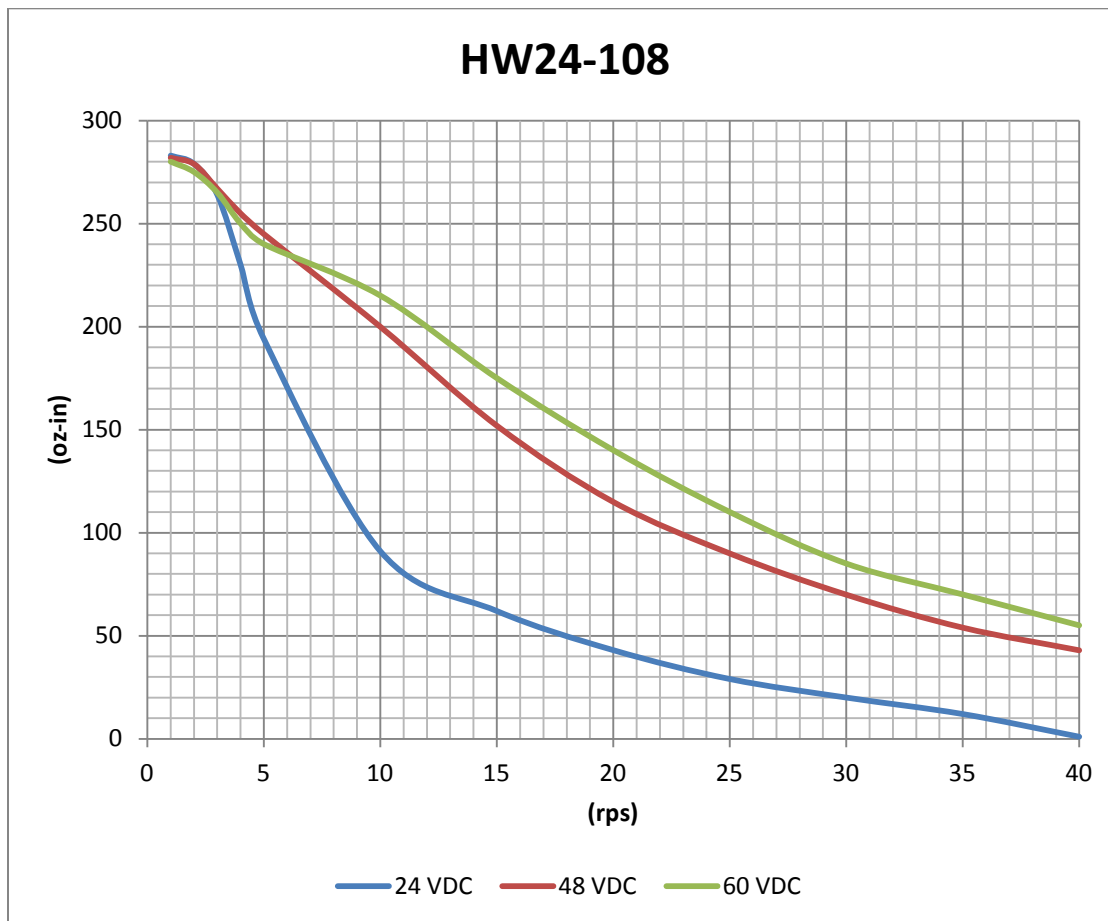
# HW24-108

*IP 65 Rated, NEMA 24 High Torque Step Motor*

## Recommended Drives

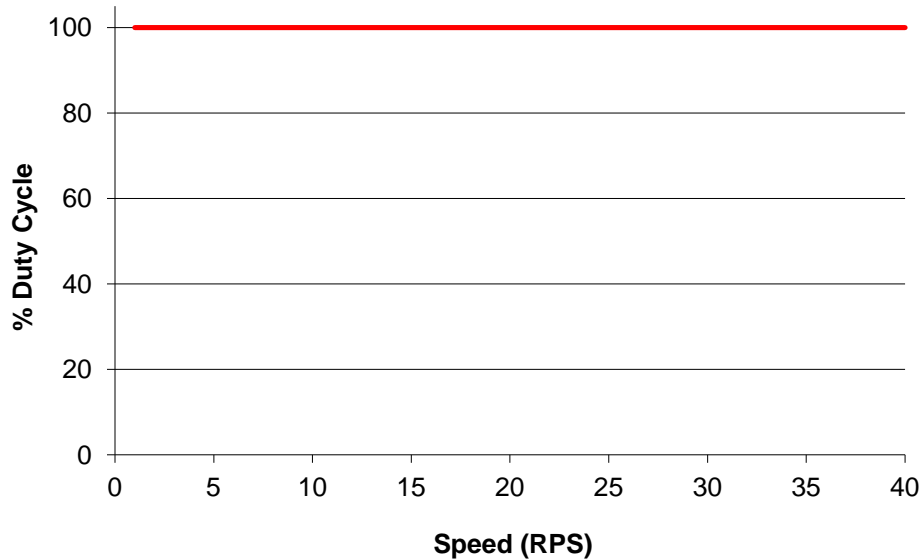
1. STR4
2. STR8
3. ST Series: ST5 and ST10 models

## Speed vs. Torque Curves

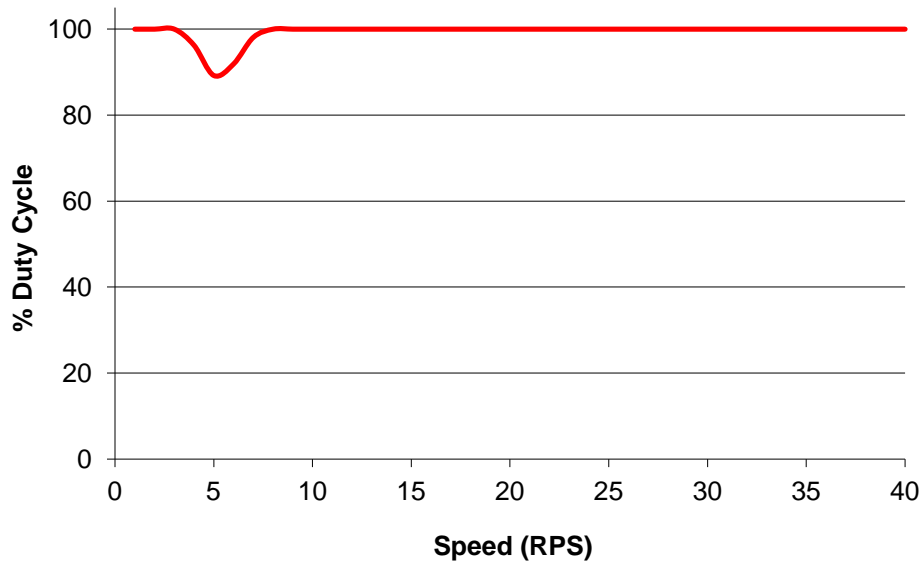


**Duty Cycle Curves**

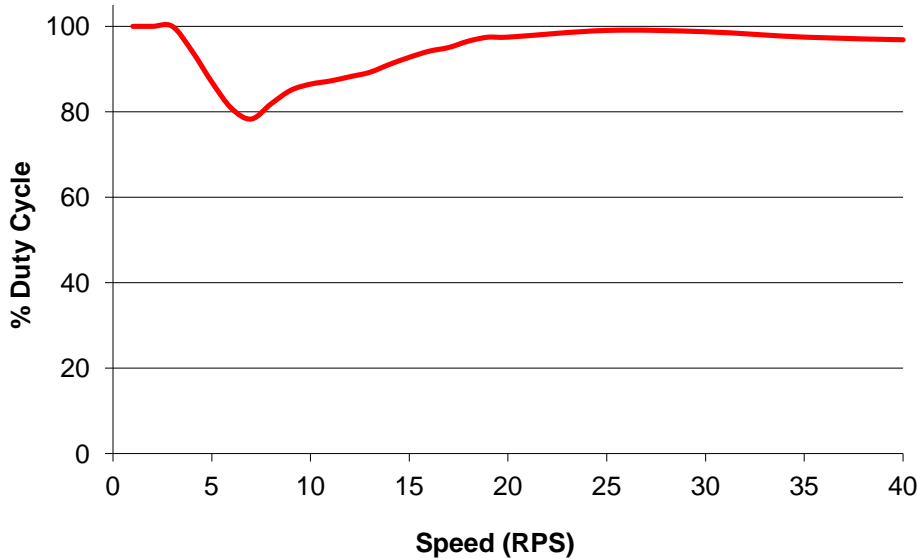
**HW24-108 Max Duty Cycle vs Speed  
24VDC, 4.8A 40 °C Ambient  
on a 10 x 10 x .5 Aluminum Plate**



**HW24-108 Max Duty Cycle vs Speed  
48VDC, 4.8A 40 °C Ambient  
on a 10 x 10 x .5 Aluminum Plate**



**HW24-108 Max Duty Cycle vs Speed  
60VDC, 4.8A 40 °C Ambient  
on a 10 x 10 x .5 Aluminum Plate**



### Drive Configuration Details

1. STR4
  - 1.1. Wire the motor to the drive.
  - 1.2. Select rotary switch position B for HT24-108.
  - 1.3. See the STR4/8 hardware manual for more setup details.
2. STR8
  - 2.1. Wire the motor to the drive.
  - 2.2. Select rotary switch position 9 for HT24-108.
  - 2.3. See the STR4/8 hardware manual for more setup details.
3. ST5 and ST10 models
  - 3.1. Wire the motor to the drive.
  - 3.2. Use the *ST Configurator*<sup>™</sup> software to configure the drive and motor.
  - 3.3. Select HT24-108 from the “Standard motor” drop-down menu of the Motor dialog.
  - 3.4. See the relevant ST5/10 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).