

# Quantum Series Brushless DC Motors

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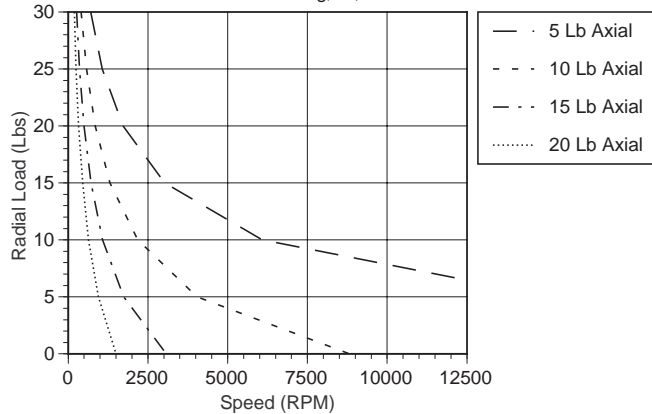
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**Heason**  
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## QB/QS01700

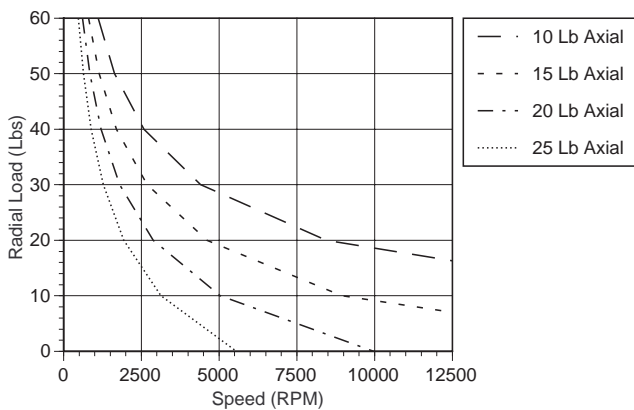
0.250 inch ID bearing, 20,000 hour life



Calculations for life rating of 20,000 hours is based upon combined radial and axial loads. Radial load applied 0.50 inches (12.7mm) from mounting face.  
10 lb (44N) maximum axial preload.  
8 mm ID bearing available.

## QB/QS02300

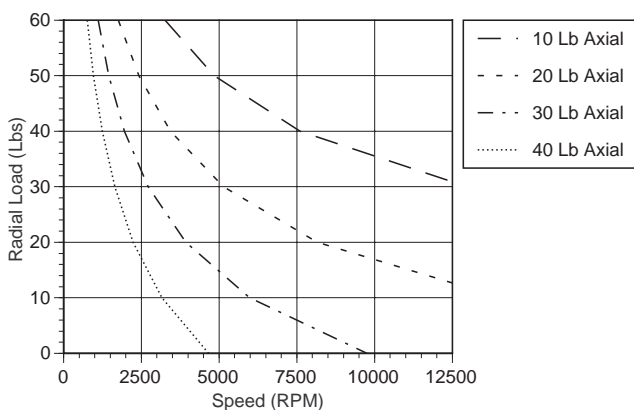
0.375 inch ID bearing, 20,000 hour life



Calculations for life rating of 20,000 hours is based upon combined radial and axial loads. Radial load applied 0.50 inches (12.7mm) from mounting face.  
15 lb (66N) maximum axial preload.  
0.5 inch ID bearing available.  
0.250 inch shaft option utilizes 0.375 inch ID bearings

## QB/QS03400

0.500 inch ID bearing, 20,000 Hour Life



Calculations for life rating of 20,000 hours is based upon combined radial and axial loads. Radial load applied 0.75 inches (19mm) from mounting face.  
20 lb (88N) maximum axial preload.  
0.375 inch shaft utilizes 0.500 inch ID bearing  
0.625 inch ID bearing available.

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