



Bearing Life Map

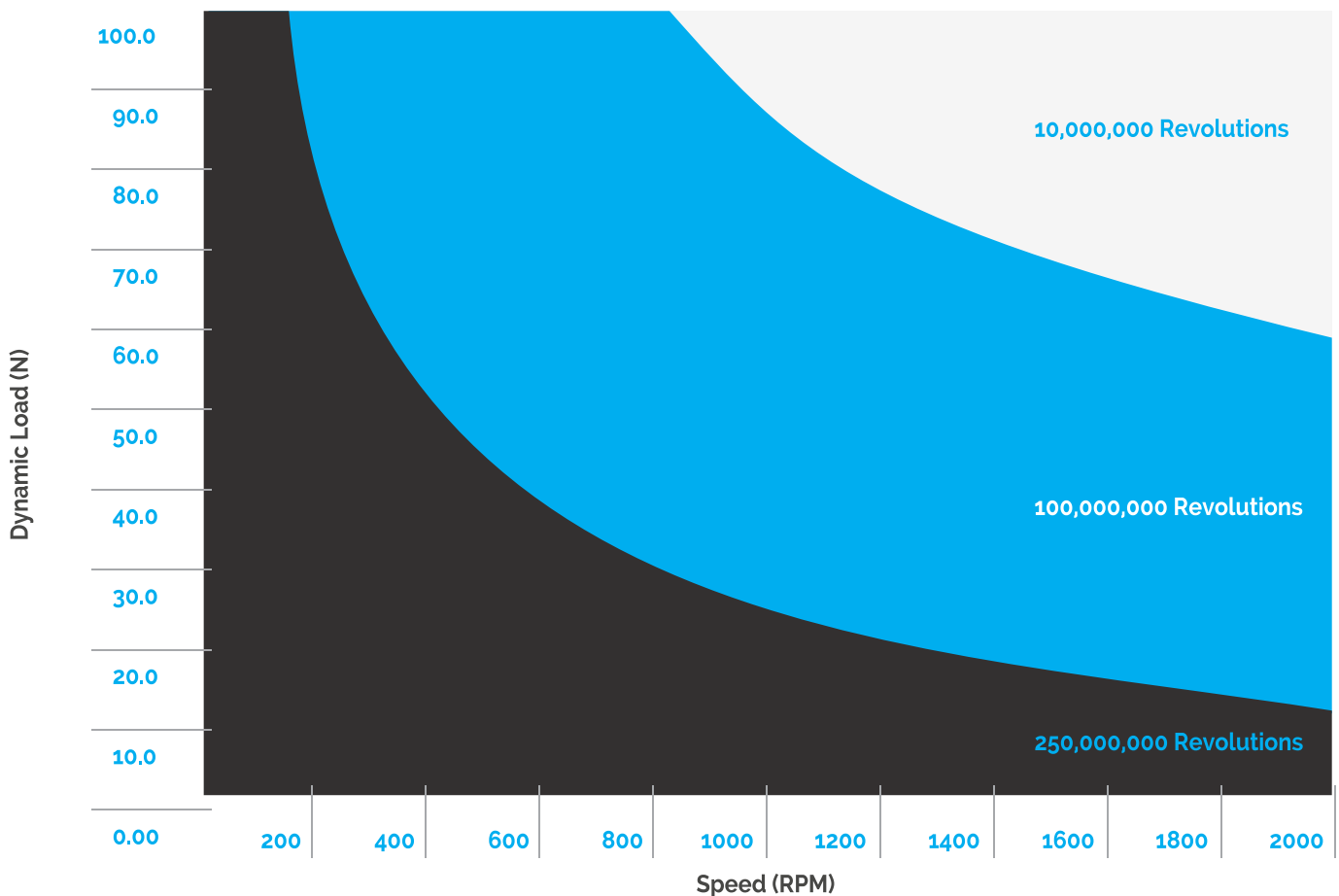
Bearing Life Map

Below is a Bearing Life Map. This helpful guide can be used to find out the average life of a BNL bearing if you know the required speed of operation and load for your application.

On the vertical axis is the Load range in Newtons (N). On the horizontal axis you will find a range of Speeds from 0 to 2000 Revolutions per Minute (RPM). The coloured blocks within the graph show the approximate number of revolutions a BNL bearing will achieve at the referenced speed and load. For example, at a load of 60N and at a speed of 1000RPM, the point where these two intersect falls within the block of colour labelled '100,000,000 revolutions', indicating that for this load and speed requirement, the bearing will have an approximate life of 100,000,000 revolutions.

Please remember that this is a guide and that the actual life of a bearing will be affected by the environment in which the bearing is operating and the type of bearing used (for example, full complement bearings can often take a higher load at a lower speed).

For more detailed information on the suitability of our bearings under particular loads, speeds and within specific operating environments please contact us.



* The above graph is for guidance only. Please contact us if you require more detailed information on the life of our products. Results are based on a radial bearing running at 23°C.



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