Published on *Mechanical Engg Simple Notes*, Solved problems and Videos (<u>https://mechdiploma.com</u>)

<u>Home</u> > How do you express the life of bearings?

How do you express the life of bearings?

Question:

How do you express the life of bearings?

Answer:

The life of an individual bearing is defined as the total number of revolutions (or the number of hours at a given constant speed) which the bearing can complete before the evidence of fatigue failure develops on the balls or races. [] The bearing life can be defined by rating life. [] The rating life of a group of apparently identical bearing is defined as the number of revolutions (or the number of hours at a given constant speed) that 90 percent of a group of bearings will complete or exceed before the first evidence of fatigue failure develops. It is also known as L10 life.