

- 1. How long has the deep groove ball bearing been in existence?**
  - a) Approx. 70 years
  - b) Approx. 20 years
  - c) Approx. 500 years
  - d) Approx. 150 years
  
- 2. Deep groove ball bearings are the most common type of rolling bearing.**
  - a) Correct
  - b) Incorrect
  
- 3. Why are deep groove ball bearings particularly suitable for applications with high speeds?**
  - a) Because they can also take complex loads
  - b) Because only a small area is used for each rolling contact
  - c) Because they are particularly insensitive to impact loads
  - d) Because they are available in many different sizes and designs
  
- 4. Which of the following statements apply to deep groove ball bearings?**
  - a) They are particularly sensitive to heat compared to other bearing types
  - b) They are only capable of carrying high loads to a limited extent
  - c) They have a relatively short life
  - d) Their field of application is very limited
  
- 5. The code number for deep groove ball bearings is ...**
  - a) 5
  - b) 6
  - c) 7
  - d) 8
  
- 6. How is the code number 6307 pronounced?**
  - a) Six three oh seven
  - b) Sixty three oh seven
  - c) Six thousand three hundred and seven
  - d) Six hundred and thirty seven
  
- 7. What are the characteristics of axial deep groove ball bearings?**
  - a) They are able to absorb radial forces
  - b) They consist of three individual parts
  - c) As with standard deep groove ball bearings, no axial preload is necessary
  - d) Depending on the design, the forces can act on one or both sides
  - e) They are not suitable for high speed applications
  
- 8. The seal of a deep groove ball bearing is fixed on the inner ring.**
  - a) Correct
  - b) Incorrect