

**1. When can overloading of the rolling bearing occur?**

- a) Only while static
- b) Only in dynamic operation
- c) In dynamic operation and while static
- d) Before installation

**2. When has an overload occurred?**

- a) If the Hertzian pressure in the rolling contact is below the permissible contact stress
- b) If the Hertzian pressure in the rolling contact is above the permissible contact stress
- c) If the Hertzian pressure outside the rolling contact is above the permissible contact stress
- d) If the Hertzian pressure in the rolling contact is above the permissible contact pressure

**3. Static safety depends on the static load rating.**

- a) Correct
- b) Incorrect

**4. Why do you calculate static safety?**

- a) To calculate the equivalent static load
- b) To prevent assembly errors
- c) To prevent plastic deformation due to operating conditions
- d) To determine the maximum permissible Hertzian pressure in the rolling contact

**5. Particles can only enter a bearing from the outside.**

- a) Correct
- b) Incorrect

**6. What types of particles are specified in connection with plastic deformation?**

- a) Soft particles
- b) Hardened steel particles
- c) Liquid particles
- d) Mineral particles

**7. Elastomers are mineral particles.**

- a) Correct
- b) Incorrect

**8. Sand is hard, mineral particles.**

- a) Correct
- b) Incorrect

**9. What do you call the highest level for the classification of impressions?**

- a) Average impressions
- b) Clear impressions
- c) Very many impressions
- d) Extremely many impressions