

1. What are the arrangement options?

- a) Sinking arrangement
- b) Floating arrangement
- c) Horizontal arrangement
- d) Fixed arrangement

2. What function should the fixed bearing have?

- a) Support of an axial movement of the housing in relation to the shaft
- b) Support of a radial movement of the shaft in relation to the housing
- c) Preventing axial movement of the shaft in relation to the housing
- d) Support of an axial movement of the shaft in relation to the housing

3. What can be used for axial fixing in a locating bearing?

- a) Slotted nut
- b) Lock nut
- c) Snap ring
- d) Circlip

4. What happens when a rolling bearing is adjusted?

- a) You move the rings of a bearing until it can no longer be moved
- b) You move the rings of a bearing to achieve the desired preload or bearing clearance
- c) You move the rings of two bearings until the desired preload and bearing clearance are achieved
- d) You shift the rings of two bearings to obtain another guide

5. With the floating bearing there are only narrow axial guides.

- a) Correct
- b) Incorrect

6. When should you choose a floating arrangement?

- a) If a free axial position is not desired
- b) If a free axial position is required
- c) If the axial guidance accuracy does not have to be particularly high
- d) When the axial guidance accuracy must be particularly high

7. Which of the following bearings are suitable for a floating arrangement?

- a) Deep groove ball bearing
- b) Tapered roller bearing
- c) Angular contact ball bearing
- d) Spherical roller bearing