## SKF 230/850 CA/W33 Spherical roller bearings

Spherical roller bearings have two rows of rollers, a common sphered outer ring raceway and two inner ring raceways inclined at an angle to the bearing axis. The centre point of the sphere in the outer ring raceway is at the bearing axis. Therefore, the bearings are self-aligning and insensitive to misalignment of the shaft relative to the housing, which can be caused, for example, by shaft deflection. Spherical roller bearings are designed to accommodate heavy radial loads, as well as heavy axial loads in both directions.

## **Dimensions:**

| d    |      | 850  | mm |
|------|------|------|----|
| D    |      | 1220 | mm |
| В    |      | 272  | mm |
| d2   | ?    | 972  | mm |
| D1   | ?    | 1117 | mm |
| b    |      | 22.3 | mm |
| K    |      | 12   | mm |
| r1,2 | min. | 7.5  | mm |

## **Abutment dimensions:**

| da | min. | 878  | mm |
|----|------|------|----|
| Da | max. | 1192 | mm |
| ra | max. | 6    | mm |