



# PRODUCT DATASHEET

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## 22206CE4

### Spherical Roller Bearings

#### Boundary Dimensions

|          |    |    |                   |
|----------|----|----|-------------------|
| d        | 30 | mm | Bore diameter     |
| D        | 62 | mm | Outside diameter  |
| B        | 20 | mm | Width             |
| r (min.) | 1  | mm | Chamfer dimension |

#### Basic Load Ratings

|     |       |   |                           |
|-----|-------|---|---------------------------|
| Cr  | 50000 | N | Basic dynamic load rating |
| C0r | 50000 | N | Basic static load rating  |

#### Speeds

|                                 |      |       |                                                                  |
|---------------------------------|------|-------|------------------------------------------------------------------|
| Thermal Speed Rating (Oil-bath) | 8500 | min-1 | Oil-bath lubrication subject to conditions outlined in ISO 15312 |
| Grease                          | 6000 | min-1 | Grease lubrication                                               |
| Oil (Oil-bath)                  | 7500 | min-1 | Oil-bath lubrication                                             |

#### Abutment and Fillet Dimensions

|           |    |    |                                   |
|-----------|----|----|-----------------------------------|
| da (min.) | 36 | mm | Diameter of shaft abutment        |
| da (max.) | 37 | mm | Diameter of shaft abutment        |
| Da (min.) | 54 | mm | Diameter of housing abutment      |
| Da (max.) | 56 | mm | Diameter of housing abutment      |
| ra (max.) | 1  | mm | Radius of shaft or housing fillet |

#### Calculation factors

|    |      |                    |
|----|------|--------------------|
| e  | 0.33 | Constant           |
| Y2 | 3.1  | Axial load Factors |
| Y3 | 2.1  | Axial load Factors |
| Y0 | 2    | Axial load Factors |

#### Mass

|              |      |    |              |
|--------------|------|----|--------------|
| Mass approx. | 0.27 | kg | Mass approx. |
|--------------|------|----|--------------|

