



# PRODUCT DATASHEET

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## 6902DD

### Single-Row Deep Groove Ball Bearings

#### Boundary Dimensions

|          |     |    |                   |
|----------|-----|----|-------------------|
| d        | 15  | mm | Bore diameter     |
| D        | 28  | mm | Outside diameter  |
| B        | 7   | mm | Width             |
| r (min.) | 0.3 | mm | Chamfer dimension |

#### Basic Load Ratings

|     |      |   |                           |
|-----|------|---|---------------------------|
| Cr  | 4750 | N | Basic dynamic load rating |
| C0r | 2260 | N | Basic static load rating  |

#### Speeds

|        |       |       |                    |
|--------|-------|-------|--------------------|
| Grease | 17000 | min-1 | Grease lubrication |
|--------|-------|-------|--------------------|

#### Abutment and Fillet Dimensions

|           |     |    |                                   |
|-----------|-----|----|-----------------------------------|
| da (min.) | 17  | mm | Diameter of shaft abutment        |
| da (max.) | 17  | mm | Diameter of shaft abutment        |
| Da (max.) | 26  | mm | Diameter of housing abutment      |
| ra (max.) | 0.3 | mm | Radius of shaft or housing fillet |

#### Calculation factors

|    |      |  |        |
|----|------|--|--------|
| fo | 14.3 |  | Factor |
|----|------|--|--------|

#### Additional information

|    |       |    |                 |
|----|-------|----|-----------------|
| z  | 10    |    | Number of Balls |
| Dw | 3.969 | mm | Ball Diameter   |

#### Mass

|              |       |    |              |
|--------------|-------|----|--------------|
| Mass approx. | 0.015 | kg | Mass approx. |
|--------------|-------|----|--------------|

