



6200

Single-Row Deep Groove Ball Bearings



Boundary Dimensions

|          |     |    |                   |
|----------|-----|----|-------------------|
| d        | 10  | mm | Bore diameter     |
| D        | 30  | mm | Outside diameter  |
| B        | 9   | mm | Width             |
| r (min.) | 0.6 | mm | Chamfer dimension |

Basic Load Ratings

|     |      |   |                           |
|-----|------|---|---------------------------|
| Cr  | 5600 | N | Basic dynamic load rating |
| C0r | 2390 | N | Basic static load rating  |

Speeds

|                |       |       |                      |
|----------------|-------|-------|----------------------|
| Grease         | 28000 | min-1 | Grease lubrication   |
| Oil (Oil-bath) | 34000 | min-1 | Oil-bath lubrication |

Abutment and Fillet Dimensions

|           |     |    |                                   |
|-----------|-----|----|-----------------------------------|
| da (min.) | 14  | mm | Diameter of shaft abutment        |
| da (max.) | 16  | mm | Diameter of shaft abutment        |
| Da (max.) | 26  | mm | Diameter of housing abutment      |
| ra (max.) | 0.6 | mm | Radius of shaft or housing fillet |

Calculation factors

|    |      |  |        |
|----|------|--|--------|
| fo | 13.2 |  | Factor |
|----|------|--|--------|

Additional information

|    |       |    |                 |
|----|-------|----|-----------------|
| z  | 8     |    | Number of Balls |
| Dw | 4.762 | mm | Ball Diameter   |

Mass

|              |       |    |              |
|--------------|-------|----|--------------|
| Mass approx. | 0.032 | kg | Mass approx. |
|--------------|-------|----|--------------|

