

## Angular Contact Ball Bearings

### Brass cage angular contact ball bearing-7205 BECBP



#### Abutment and fillet dimensions

|         |                   |
|---------|-------------------|
| Db max. | <b>7205 BECBP</b> |
| Da max. | -                 |
| da min. | 25                |
| rb max. | 52                |
| ra max. | 15                |

#### Dimensions

|           |        |
|-----------|--------|
| a         | 15.6   |
| r3,4 min. | 10     |
| r1,2 min  | 0.43   |
| D1        | 17 000 |
| d2        | 17 000 |
| d1        | 0.13   |

#### Mass

|    |      |
|----|------|
| KG | 36.1 |
|----|------|

#### Speed ratings r/min

|                 |      |
|-----------------|------|
| Limiting speed  | 30.9 |
| Reference speed | 41.5 |

#### Fatigue load limit

|       |   |
|-------|---|
| Pu kN | 1 |
|-------|---|

#### Basic load ratings KN

|              |     |
|--------------|-----|
| dynamic C kN | 0.6 |
| static Co kN | 24  |

#### Basic design bearing

|      |      |
|------|------|
| B mm | 30.6 |
| D mm | 46.4 |
| d mm | 47.8 |

#### Basic design bearing

|                               |     |
|-------------------------------|-----|
| Universally matchable bearing | 0.6 |
|-------------------------------|-----|