

## Angular Contact Ball Bearing

Brass cage angular contact ball bearing-



### Abutment and fillet dimensions

|         |            |
|---------|------------|
| Db max. | 7205 BECBY |
| Da max. | 7205 BEY   |
| da min. | 25         |
| rb max. | 52         |
| ra max. | 15         |

### Dimensions

|           |        |
|-----------|--------|
| a         | 15.6   |
| r3,4 min. | 10.2   |
| r1,2 min  | 0.43   |
| D1        | 15 000 |
| d2        | 15 000 |
| 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

|                               |     |
|-------------------------------|-----|
| 1                             |     |
| Designations                  |     |
| Universally matchable bearing | 0.6 |