

## Angular Contact Ball Bearings

### Brass cage angular contact ball bearing-7024 BGM



#### Abutment and fillet dimensions

|         |                 |
|---------|-----------------|
| Db max. | <b>7024 BGM</b> |
| Da max. | -               |
| da min. | 120             |
| rb max. | 180             |
| ra max. | 28              |

#### Dimensions

|           |       |
|-----------|-------|
| a         | 87.1  |
| r3,4 min. | 93    |
| r1,2 min  | 3.2   |
| D1        | 3 800 |
| d2        | 4 000 |
| d1        | 2.4   |

#### Mass

|    |     |
|----|-----|
| KG | 143 |
|----|-----|

#### Speed ratings r/min

|                 |     |
|-----------------|-----|
| Limiting speed  | 132 |
| Reference speed | 158 |

#### Fatigue load limit

|       |          |
|-------|----------|
| Pu kN | <b>2</b> |
|-------|----------|

#### Basic load ratings KN

|              |    |
|--------------|----|
| dynamic C kN | 1  |
| static Co kN | 77 |

#### Basic design bearing

|      |     |
|------|-----|
| B mm | 130 |
| D mm | 170 |
| d mm | 174 |

#### Basic design bearing

|              |          |
|--------------|----------|
| Designations | <b>2</b> |
|--------------|----------|

#### Designations

|                               |   |
|-------------------------------|---|
| Universally matchable bearing | 1 |
|-------------------------------|---|