

Angular Contact Ball Bearings

Brass cage angular contact ball bearing-7214 BECBY



Abutment and fillet dimensions

| | |
|---------|-------------------|
| Db max. | 7214 BECBY |
| Da max. | 7214 BEP |
| da min. | 70 |
| rb max. | 125 |
| ra max. | 24 |

Dimensions

| | |
|-----------|-------|
| a | 71.5 |
| r3,4 min. | 60 |
| r1,2 min | 2.5 |
| D1 | 6 000 |
| d2 | 6 000 |
| d1 | 1.1 |

Mass

| | |
|----|------|
| KG | 91.5 |
|----|------|

Speed ratings r/min

| | |
|----------------|------|
| Limiting speed | 80.3 |
|----------------|------|

| | |
|-----------------|-----|
| Reference speed | 105 |
|-----------------|-----|

Fatigue load limit

| | |
|-------|-----|
| Pu kN | 1.5 |
|-------|-----|

Basic load ratings KN

| | |
|--------------|----------|
| dynamic C kN | 1 |
|--------------|----------|

| | |
|--------------|----|
| static Co kN | 53 |
|--------------|----|

Basic design bearing

| | |
|------|----|
| B mm | 79 |
|------|----|

| | |
|------|-----|
| D mm | 116 |
|------|-----|

| | |
|------|-----|
| d mm | 119 |
|------|-----|

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|----------------------|-----|
| Basic design bearing | 1.5 |
|----------------------|-----|

Designations

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