



Model: 22214EK

Basic size of
mm

| | |
|------------------|-----|
| d ₁ : | 60 |
| D : | 125 |
| B : | 31 |

The basic rated load is
kN

| | |
|----------------------------|------|
| trends C : | 208 |
| static state Co : | 228 |
| Fatigue load limit Pu : | 25.5 |

Rated rotation speed is
r/min

| | |
|---------------------------------------|------|
| Refer to the speed : | 5000 |
| limit speed : | 6700 |
| Mass bearing + tightening sleeve : | 2.15 |

model

| | |
|--------------------------|--------------|
| bearing : | *22214E K |
| tapered adapter-sleeve : | H314 |

Dimensions are
mm

| | |
|----------------------------|-----|
| d ₁ : | 60 |
| d ₂ ~ : | 83 |
| d ₃ : | 92 |
| D1 ~ : | 111 |
| B ₁ : | 52 |
| B ₂ : | 14 |
| b : | 5.5 |
| k : | 3 |
| r _{1,2} the min : | 1.5 |

Shoulder gear and chamfer size
mm

| | |
|--------------------------|----|
| d _a the max : | 83 |
| d _b the min : | 75 |

| | |
|-------------------------|-----|
| Da the max: | 116 |
| B _a the min: | 9 |
| r _a the max: | 1.5 |

Calculation coefficient

| | |
|-----|------|
| e: | 0.23 |
| Y1: | 2.9 |
| Y2: | 4.4 |
| Yo: | 2.8 |