



Model: C31/500KM

Basic size of
mm

| | |
|------------------|-----|
| d ₁ : | 480 |
| D: | 830 |
| B: | 264 |

The basic rated load is
kN

| | |
|--------------------|-------|
| trends C: | 7500 |
| static state Co: | 12700 |
| Fatigue load limit | 850 |
| Pu: | |

Rated rotation speed is
r/min

| | |
|----------------------------------|-----|
| Refer to the speed: | 530 |
| limit speed: | 750 |
| Mass bearing + return sleeve: | 615 |

model

| | |
|--------------------|-----------------|
| bearing: | *C31/500KM |
| withdrawal sleeve: | AOHX31/500 G |

Dimensions are
mm

| | |
|----------------------------------|---------|
| d ₁ : | 480 |
| d ₂ ~ : | 605 |
| D1 ~ : | 738 |
| B ₁ : | 313 |
| B ₂ ¹⁾ ~ : | 325 |
| G: | Tr530×6 |
| G ₁ : | 47 |
| r _{1,2} the min: | 7.5 |
| s ₁ ²⁾ ~ : | 75.3 |

Shoulder gear and chamfer size
mm

| | |
|-------------------------|-----|
| d _a the min: | 532 |
| d _a the max: | 655 |

| | |
|----------------------------|-----|
| Da the min: | 705 |
| Da the max: | 798 |
| Ca ³) the min: | - |
| r _a the max: | 6 |

Calculation coefficient

| | |
|------------------|-------|
| k ₁ : | 0.099 |
| k ₂ : | 0.116 |