



Model: AHX318

Basic size of
mm

| | |
|------------------|-----|
| d ₁ : | 85 |
| D: | 160 |
| B: | 40 |

The basic rated load is
kN

| | |
|---------------------------|------|
| trends C: | 325 |
| static state Co: | 380 |
| Fatigue load limit Pu: | 42.5 |

Rated rotation speed is
r/min

| | |
|----------------------------------|------|
| Refer to the speed: | 3800 |
| limit speed: | 5300 |
| Mass bearing + return sleeve: | 3.75 |

model

| | |
|--------------------|-------------|
| bearing: | *C2218 K |
| withdrawal sleeve: | AHX318 |

Dimensions are
mm

| | |
|----------------------------------|------------|
| d ₁ : | 85 |
| d ₂ ~ : | 112 |
| D1 ~ : | 144 |
| B ₁ : | 53 |
| B ₂ ¹⁾ ~ : | 57 |
| G: | M100× 2 |
| G ₁ : | 9 |
| r _{1,2} the min: | 2 |
| s ₁ ¹⁾ ~ : | 9.5 |
| s ₂ ¹⁾ ~ : | - |

Shoulder gear and chamfer size
mm

| | |
|---------------------------|-----|
| d_a the min: | 101 |
| d_a the max: | 120 |
| Da the min: | 130 |
| Da the max: | 149 |
| Ca ³⁾ the min: | 1.4 |
| r_a the max: | 2 |

Calculation coefficient

| | |
|---------|-------|
| k_1 : | 0.104 |
| k_2 : | 0.117 |