



Model: 31318T103J2/DB3

1

Basic size of
mm

| | |
|----|-----|
| d: | 90 |
| D: | 190 |
| T: | 103 |

The basic rated load is
kN

| | |
|-----------------------|------|
| trends C: | 457 |
| static state Co: | 630 |
| Fatigue load limit | 73.5 |
| Pu: | |

Rated rotation speed is
r/min

| | |
|------------------------|----------------------|
| Refer to the speed: | 1900 |
| limit speed: | 3400 |
| quality: | 12.5 |
| model: | 31318T103J2/DB3 1 |

Dimensions are
mm

| | |
|---------------------------|-----|
| d: | 90 |
| d ₁ ~ : | 138 |
| C: | 70 |
| r _{1,2} the min: | 4 |
| r ₅ the min: | 1 |
| a: | 124 |
| C _b the min: | 105 |

Shoulder gear and chamfer size
mm

| | |
|-------------------------|------|
| d _b the max: | 179 |
| D _b the min: | 16.5 |
| r _a the max: | 3 |
| r _c the max: | 1 |

Calculation coefficient

| | |
|-----|------|
| e: | 0.83 |
| Y1: | 0.81 |
| Y2: | 1.2 |
| Yo: | 0.8 |