

**Model: 6312-ZNR**

Basic size of

mm

|    |     |
|----|-----|
| d: | 60  |
| D: | 130 |
| B: | 31  |

The basic rated load is

kN

|                        |      |
|------------------------|------|
| trends C:              | 85.2 |
| static state Co:       | 52   |
| Fatigue load limit Pu: | 2.2  |

Rated rotation speed is

r/min

|                             |       |
|-----------------------------|-------|
| Refer to the speed:         | 11000 |
| Limit speed <sup>1)</sup> : | 7000  |
| Mass kg:                    | 1.7   |

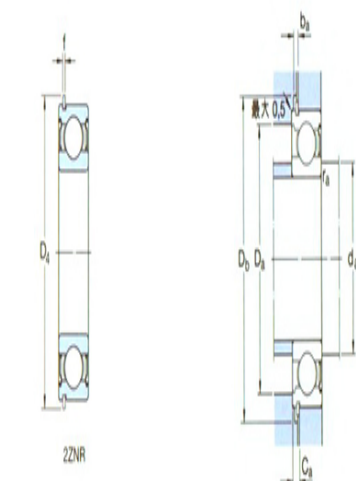
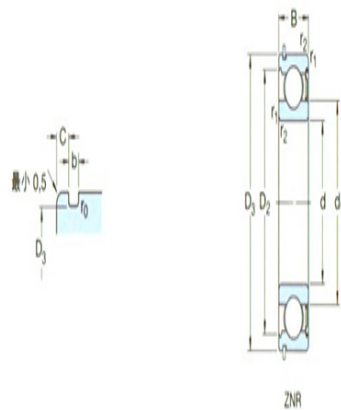
model

|                          |            |
|--------------------------|------------|
| Bearing belt stop slot:  | *6312-ZNR  |
| Stop slot and stop ring: | *6312-2ZNR |
| snap ring:               | SP130      |

Dimensions are

mm

|                           |        |
|---------------------------|--------|
| d:                        | 60     |
| d1 ~ :                    | 81.9   |
| D1 ~ :                    | 112    |
| D3:                       | 125.22 |
| D4:                       | 139.7  |
| b:                        | 3.1    |
| f:                        | 2.82   |
| C:                        | 4.06   |
| r <sub>1,2</sub> the min: | 2.1    |
| r <sub>0</sub> the max:   | 0.6    |



Shoulder gear and chamfer size

mm

|                |      |
|----------------|------|
| $d_a$ the min: | 72   |
| $D_a$ the max: | 118  |
| $D_b$ the min: | 141  |
| $b_a$ the min: | 3.5  |
| $C_a$ the max: | 6.88 |
| $r_a$ the max: | 2    |

Calculation coefficient

|         |      |
|---------|------|
| $k_r$ : | 0.03 |
| $f_o$ : | 13   |