

**Model: 6207N**

Basic size of

mm

|    |    |
|----|----|
| d: | 35 |
| D: | 72 |
| B: | 17 |

The basic rated load is

kN

|                        |       |
|------------------------|-------|
| trends C:              | 27    |
| static state Co:       | 15.3  |
| Fatigue load limit Pu: | 0.655 |

Rated rotation speed is

r/min

|                             |       |
|-----------------------------|-------|
| Refer to the speed:         | 20000 |
| Limit speed <sup>1)</sup> : | 13000 |
| Mass kg:                    | 0.29  |

model

|                          |         |
|--------------------------|---------|
| Bearing belt stop slot:  | *6207N  |
| Stop slot and stop ring: | *6207NR |
| snap ring:               | SP72    |

Dimensions are

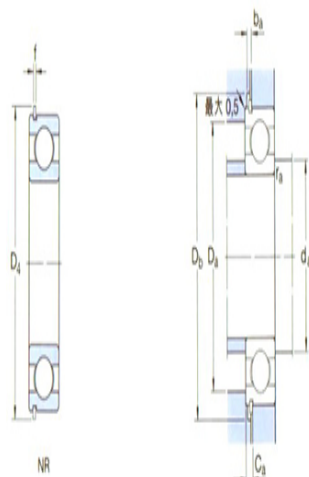
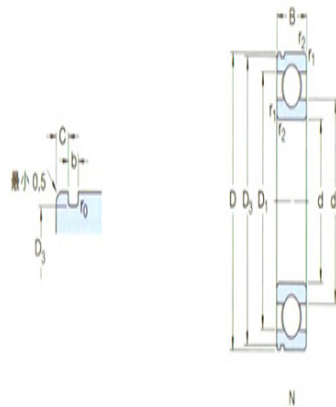
mm

|                           |       |
|---------------------------|-------|
| d:                        | 35    |
| d1 ~ :                    | 46.9  |
| D1 ~ :                    | 60    |
| D3:                       | 68.81 |
| D4:                       | 78.6  |
| b:                        | 1.9   |
| f:                        | 1.7   |
| C:                        | 3.28  |
| r <sub>1,2</sub> the min: | 1     |
| r <sub>0</sub> the max:   | 0.6   |

Shoulder gear and chamfer size

mm

|                         |      |
|-------------------------|------|
| d <sub>a</sub> the min: | 40.6 |
|-------------------------|------|



|                         |      |
|-------------------------|------|
| Da the max:             | 66.4 |
| D <sub>b</sub> the min: | 80   |
| b <sub>a</sub> the min: | 2.2  |
| Ca the max:             | 4.98 |
| r <sub>a</sub> the max: | 1    |

Calculation coefficient

|                  |       |
|------------------|-------|
| k <sub>r</sub> : | 0.025 |
| fo:              | 14    |