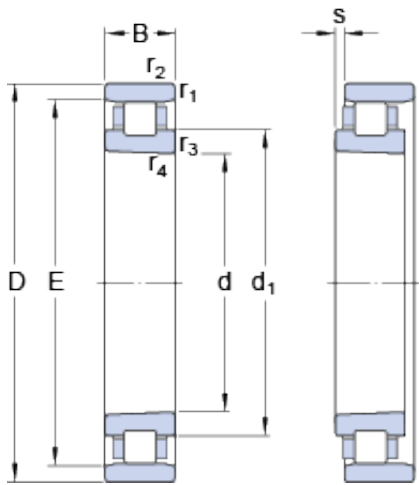




## Shandong Zhongyue Precision Bearing C...



60 mm x 95 mm x 18 mm SKF N 1012 KTN/SP  
cylindrical roller bearings

Bearing No. N 1012 KTN/SP

N 1012 KTN/SP Bearing 2D drawings and 3D CAD models

|   |              |
|---|--------------|
| Size                                      | 60x95x18 mm  |
| Bore Diameter                             | 60 mm        |
| Outer Diameter                            | 95 mm        |
| Width                                     | 18 mm        |
| d   | 60 mm        |
| D   | 95 mm        |
| B   | 18 mm        |
| d <sub>1</sub>                            | 73.3 mm      |
| E   | 86.1 mm      |
| r <sub>1,2</sub> - min.                   | 1.1 mm       |
| r <sub>3,4</sub> - min.                   | 0.6 mm       |
| s   | 2.5 mm       |
| d <sub>a</sub> - min.                     | 66.5 mm      |
| D <sub>a</sub> - min.                     | 87 mm        |
| D <sub>a</sub> - max.                     | 88.5 mm      |
| r <sub>a</sub> - max.                     | 1 mm         |
| d <sub>n</sub>                            | 85 mm        |
| Basic dynamic load rating - C             | 42.9 kN      |
| Basic static load rating - C <sub>0</sub> | 53 kN        |
| Fatigue load limit - P <sub>u</sub>       | 6.3 kN       |
| Limiting speed for grease lubrication     | 11000 r/min  |
| Limiting speed for oil lubrication        | 12000 mm/min |
| G <sub>ref</sub>                          | 4.7 cm       |



## Shandong Zhongyue Precision Bearing C...

|  |                     |
|--|---------------------|
| Static radial stiffness<br>(guideline value) | 680 N/micron        |
| $d_1$  | 73.3 mm             |
| $r_{1,2}$ min.                               | 1.1 mm              |
| $r_{3,4}$ min.                               | 0.6 mm              |
| s max.                                       | 2.5 mm              |
| $d_a$ min.                                   | 66.5 mm             |
| $D_a$ min.                                   | 87 mm               |
| $D_a$ max.                                   | 88.5 mm             |
| $r_a$ max.                                   | 1 mm                |
| $d_n$  | 85 mm               |
| Basic dynamic load rating C                  | 42.9 kN             |
| Basic static load rating $C_0$               | 53 kN               |
| Fatigue load limit $P_u$                     | 6.3 kN              |
| Attainable speed for grease<br>lubrication   | 11000 r/min         |
| Attainable speed for oil-air<br>lubrication  | 12000 r/min         |
| Reference grease quantity<br>$G_{ref}$       | 4.7 cm <sup>3</sup> |
| Mass bearing                                 | 0.41 kg             |