

# KOYO SC0778-NCS30PX1 deep groove ball bearings

What are the types of KOYO SC0778-NCS30PX1 deep groove ball bearings ? Manufacturing Service . Get Your Free, Instant price, design 62x35x14 Size (mm) review.

|                               |          |
|-------------------------------|----------|
| Size (mm)                     | 62x35x14 |
| Bore Diameter (mm)            | 62       |
| Outer Diameter (mm)           | 35       |
| Width (mm)                    | 14       |
| d                             | 35 mm    |
| D                             | 62 mm    |
| B                             | 14 mm    |
| d1                            | 43.7 mm  |
| d2                            | 43.7 mm  |
| D2                            | 55.57 mm |
| r1,2 – min.                   | 1 mm     |
| r3,4 – min.                   | 0.3 mm   |
| a                             | 13.6 mm  |
| da – min.                     | 39.6 mm  |
| da – max.                     | 43.2 mm  |
| db – min.                     | 39.6 mm  |
| db – max.                     | 43.2 mm  |
| Da – max.                     | 57.4 mm  |
| Db – max.                     | 60 mm    |
| ra – max.                     | 1 mm     |
| rb – max.                     | 0.3 mm   |
| Basic dynamic load rating – C | 15.6 kN  |

|   |              |
|---|--------------|
| Basic static load rating – C <sub>0</sub> | 9.5 kN       |
| Fatigue load limit – P <sub>u</sub>       | 0.4 kN       |
| Limiting speed for grease lubrication     | 28000 r/min  |
| Ball – D <sub>w</sub>                     | 7.938 mm     |
| Ball – z                                  | 16           |
| Calculation factor – f <sub>0</sub>       | 9.7          |
| Preload class A – G <sub>A</sub>          | 60 N         |
| Preload class B – G <sub>B</sub>          | 120 N        |
| Preload class C – G <sub>C</sub>          | 240 N        |
| Preload class D – G <sub>D</sub>          | 480 N        |
| Calculation factor – f                    | 1            |
| Calculation factor – f <sub>2A</sub>      | 1            |
| Calculation factor – f <sub>2B</sub>      | 1.02         |
| Calculation factor – f <sub>2C</sub>      | 1.05         |
| Calculation factor – f <sub>2D</sub>      | 1.09         |
| Calculation factor – f <sub>HC</sub>      | 1.02         |
| Preload class A                           | 39 N/micron  |
| Preload class B                           | 52 N/micron  |
| Preload class C                           | 71 N/micron  |
| Preload class D                           | 100 N/micron |
| r <sub>1,2</sub> min.                     | 1 mm         |
| r <sub>3,4</sub> min.                     | 0.3 mm       |
| d <sub>a</sub> min.                       | 39.6 mm      |
| d <sub>a</sub> max.                       | 43.2 mm      |
| d <sub>b</sub> min.                       | 39.6 mm      |
| d <sub>b</sub> max.                       | 43.2 mm      |
| D <sub>a</sub> max.                       | 57.4 mm      |
| D <sub>b</sub> max.                       | 60 mm        |
| r <sub>a</sub> max.                       | 1 mm         |

|   |                |
|---|----------------|
| rb max.                                 | 0.3 mm         |
| Basic dynamic load rating C             | 15.6 kN        |
| Basic static load rating C0             | 9.5 kN         |
| Fatigue load limit Pu                   | 0.4 kN         |
| Attainable speed for grease lubrication | 28000 r/min    |
| Ball diameter Dw                        | 7.938 mm       |
| Number of balls z                       | 16             |
| Preload class A GA                      | 60 N           |
| Static axial stiffness, preload class A | 39 N/ $\mu$ m  |
| Preload class B GB                      | 120 N          |
| Static axial stiffness, preload class B | 52 N/ $\mu$ m  |
| Preload class C GC                      | 240 N          |
| Static axial stiffness, preload class C | 71 N/ $\mu$ m  |
| Preload class D GD                      | 480 N          |
| Static axial stiffness, preload class D | 100 N/ $\mu$ m |
| Calculation factor f                    | 1.06           |
| Calculation factor f1                   | 1              |
| Calculation factor f2A                  | 1              |
| Calculation factor f2B                  | 1.02           |
| Calculation factor f2C                  | 1.05           |
| Calculation factor f2D                  | 1.09           |
| Calculation factor fHC                  | 1.02           |
| Calculation factor f0                   | 9.7            |
| Mass bearing                            | 0.13 kg        |