



## NTN bearing de Mexico, S.A.

31.75 mm x 35,719 mm x 31,75 mm skf PCZ  
2020 E Plain bearings, Bushings



Bearing No. PCZ 2020 E

|  |                       |
|--|-----------------------|
| Size   | 31.75x35.719x31.75 mm |
| Bore Diameter  | 31.75 mm              |
| Outer Diameter   | 35,719 mm             |
| Width  | 31,75 mm              |
| d  | 31.75 mm              |
| D  | 35,719 mm             |
| B  | 31,75 mm              |
| c1 min   | 0,1 mm                |
| c2 min   | 0,8 mm                |
| M  | – mm                  |
| Weight   | 0,05 Kg               |
| Basic dynamic load rating (C)                              | 78 kN                 |
| c <sub>1</sub> min.  | 0.1 mm                |
| c <sub>1</sub> max.  | 0.7 mm                |
| c <sub>2</sub> min.  | 0.8 mm                |
| c <sub>2</sub> max.  | 1.6 mm                |
| ± 8  | 20 °                  |
| Shaft diameter range min.                                  | 31.679 mm             |
| Shaft diameter range max.                                  | 31.72 mm              |
| Housing bore range min.                                    | 35.707 mm             |
| Housing bore range max.                                    | 35.733 mm             |
| Basic dynamic load rating - radial direction C             | 78 kN                 |
| Basic static load rating - radial direction C <sub>0</sub> | 245 kN                |
|  |                       |

PCZ 2020 E Bearing 2D drawings and 3D CAD models



## NTN bearing de Mexico, S.A.

|   |                       |
|---|-----------------------|
| Specific dynamic load factor<br>$K$                       | 80 N/mm <sup>2</sup>  |
| Specific static load factor $K_0$                         | 250 N/mm <sup>2</sup> |
| Factor depending on<br>material and bearing type<br>$K_M$ | 480                   |
| Permissible sliding velocity $v$<br>min.                  | 0 m/s                 |
| Permissible sliding velocity $v$<br>max.                  | 2 m/s                 |
| Coefficient of friction $\mu$<br>min.                     | 0.03                  |
| Coefficient of friction $\mu$<br>max.                     | 0.25                  |
| Mass bushing  | 0.05 kg               |