



# SNR BEARING CORP.OF AMERICA

## 16 mm x 18 mm x 10 mm skf PCM 161810 E Plain bearings,Bushings



Bearing No. PCM 161810 E

|  |                       |
|--|-----------------------|
| Size   | 16x18x10 mm           |
| Bore Diameter  | 16 mm                 |
| Outer Diameter   | 18 mm                 |
| Width  | 10 mm                 |
| d  | 16 mm                 |
| D  | 18 mm                 |
| B  | 10 mm                 |
| c1 min   | 0,1 mm                |
| c2 min   | 0,2 mm                |
| M  | – mm                  |
| Weight   | 0,0039 Kg             |
| Basic dynamic load rating (C)                              | 12,9 kN               |
| c <sub>1</sub> min.  | 0.1 mm                |
| c <sub>1</sub> max.  | 0.6 mm                |
| c <sub>2</sub> min.  | 0.2 mm                |
| c <sub>2</sub> max.  | 1 mm                  |
| ± 8  | 20 °                  |
| Tolerance shaft  | f7                    |
| Tolerance housing  | H7                    |
| Basic dynamic load rating - radial direction C             | 12.9 kN               |
| Basic static load rating - radial direction C <sub>0</sub> | 40 kN                 |
| Specific dynamic load factor K                             | 80 N/mm <sup>2</sup>  |
| Specific static load factor K <sub>0</sub>                 | 250 N/mm <sup>2</sup> |

PCM 161810 E Bearing 2D drawings and 3D CAD models



## SNR BEARING CORP.OF AMERICA

|  |           |
|--|-----------|
| Factor depending on 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   | 0.0039 kg |