



# NTN-SNR BEARING RULMENTI S.R.L.

180 mm x 185 mm x 80 mm skf PCM 18018580  
E Plain bearings, Bushings



Bearing No. PCM 18018580 E

Size	180x185x80 mm
Bore Diameter	180 mm
Outer Diameter	185 mm
Width	80 mm
d	180 mm
D	185 mm
B	80 mm
c1 min	0,2 mm
c2 min	1,2 mm
M	– mm
Weight	0,87 Kg
Basic dynamic load rating (C)	1 140 kN
c <sub>1</sub> min.	0.2 mm
c <sub>1</sub> max.	1 mm
c <sub>2</sub> min.	1.2 mm
c <sub>2</sub> max.	2.4 mm
± 8	20 °
Tolerance shaft	h8
Tolerance housing	H7
Basic dynamic load rating - radial direction C	1140 kN
Basic static load rating - radial direction C <sub>0</sub>	3550 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 18018580 E Bearing 2D drawings and 3D CAD models



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Factor depending on material and bearing type $K_M$	480
Permissible sliding velocity $v$ min.	0 m/s
Permissible sliding velocity $v$ max.	2 m/s
Coefficient of friction $\mu$ min.	0.03
Coefficient of friction $\mu$ max.	0.25
Mass bushing	0.87 kg