



NTN bearing de Mexico, S.A.

85 mm x 90 mm x 100 mm skf PCM 8590100 M
Plain bearings, Bushings



Bearing No. PCM 8590100 M

Size	85x90x100 mm
Bore Diameter	85 mm
Outer Diameter	90 mm
Width	100 mm
d	85 mm
D	90 mm
B	100 mm
c1 min	0,2 mm
c2 min	1,2 mm
M	6 mm
Weight	0,475 Kg
Basic dynamic load rating (C)	1 000 kN
c ₁ min.	0.2 mm
c ₁ max.	1 mm
c ₂ min.	1.2 mm
c ₂ max.	2.4 mm
± 8	20 °
Tolerance shaft	h8
Tolerance housing	H7
Basic dynamic load rating - radial direction C	1000 kN
Basic static load rating - radial direction C ₀	2080 kN
Specific dynamic load factor K	120 N/mm ²
Specific static load factor K ₀	250 N/mm ²

PCM 8590100 M Bearing 2D drawings and 3D CAD models



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Factor depending on material and bearing type K_M	1900
Permissible sliding velocity v min.	0 m/s
Permissible sliding velocity v max.	2.5 m/s
Coefficient of friction μ min.	0.02
Coefficient of friction μ max.	0.2
Mass bushing	0.48 kg