



Bearing No. PCM 8590100 M

D	90 mm
d	85 mm
B	100 mm
M	6 mm
Weight	0,475 Kg
c1 min	0,2 mm
c2 min	1,2 mm
Size (mm)	85x90x100
Width (mm)	100
Mass bushing	0.48 kg
? ±8	20 °
Bearing number	PCM 8590100 M
Tolerance shaft	h8
Tolerance housing	H7
c ₂ min.	1.2 mm
c ₁ min.	0.2 mm
c ₁ max.	1 mm
c ₂ max.	2.4 mm
Bore Diameter (mm)	85
Outer Diameter (mm)	90
Basic dynamic load rating (C)	1 000 kN
Specific dynamic load factor K	120 N/mm ²
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

Specific static load factor K_0	250 N/mm ²
Basic dynamic load rating - radial direction C	1000 kN
Basic static load rating - radial direction C_0	2080 kN
Factor depending on material and bearing type K_M	1900