



Bearing No. PCM 10010550 M

|                                |                       |
|--------------------------------|-----------------------|
| D                              | 105 mm                |
| d                              | 100 mm                |
| B                              | 50 mm                 |
| M                              | 6 mm                  |
| c1 min                         | 0,2 mm                |
| c2 min                         | 1,2 mm                |
| Weight                         | 0,28 Kg               |
| Category                       | Plain Bearings        |
| Size (mm)                      | 100x105x50            |
| Inventory                      | 0.0                   |
| Width (mm)                     | 50                    |
| Mass bushing                   | 0.28 kg               |
| ? ±8                           | 20 °                  |
| Product Group                  | B04264                |
| Bearing number                 | PCM 10010550 M        |
| Tolerance shaft                | h8                    |
| Manufacturer Name              | SKF                   |
| Tolerance housing              | H7                    |
| Weight / Kilogram              | 0.341                 |
| 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                |
| Bore Diameter (mm)             | 100                   |
| Outer Diameter (mm)            | 105                   |
| Minimum Buy Quantity           | N/A                   |
| Basic dynamic load rating (C)  | 585 kN                |
| Specific dynamic load factor K | 120 N/mm <sup>2</sup> |
| Permissible sliding            | 0 m/s                 |

|   |                       |
|---|-----------------------|
| velocity v min.                                     |                       |
| Permissible sliding velocity v max.                 | 2.5 m/s               |
| Coefficient of friction $\mu$ min.                  | 0.02                  |
| Coefficient of friction $\mu$ max.                  | 0.2                   |
| Specific static load factor $K_0$                   | 250 N/mm <sup>2</sup> |
| Basic dynamic load rating - radial direction C      | 585 kN                |
| Basic static load rating - radial direction $C_0$   | 1220 kN               |
| Factor depending on material and bearing type $K_M$ | 1900                  |