



Bearing No. PCM 505560 E

|                                     |                      |
|-------------------------------------|----------------------|
| D                                   | 55 mm                |
| d                                   | 50 mm                |
| B                                   | 60 mm                |
| M                                   | – mm                 |
| Weight                              | 0,185 Kg             |
| c1 min                              | 0,2 mm               |
| c2 min                              | 1,2 mm               |
| Size (mm)                           | 50x55x60             |
| Width (mm)                          | 60                   |
| Mass bushing                        | 0.19 kg              |
| ? ±8                                | 20 °                 |
| Bearing number                      | PCM 505560 E         |
| Tolerance shaft                     | f7                   |
| Tolerance housing                   | H7                   |
| c <sub>2</sub> min.                 | 1.2 mm               |
| c <sub>1</sub> min.                 | 0.2 mm               |
| c <sub>1</sub> max.                 | 1 mm                 |
| c <sub>2</sub> max.                 | 2.4 mm               |
| Bore Diameter (mm)                  | 50                   |
| Outer Diameter (mm)                 | 55                   |
| Basic dynamic load rating (C)       | 236 kN               |
| Specific dynamic load factor K      | 80 N/mm <sup>2</sup> |
| Permissible sliding velocity v min. | 0 m/s                |
| Permissible sliding velocity v max. | 2 m/s                |
| Coefficient of friction μ min.      | 0.03                 |
| Coefficient of friction μ max.      | 0.25                 |

|                                                     |                       |
|-----------------------------------------------------|-----------------------|
| Specific static load factor $K_0$                   | 250 N/mm <sup>2</sup> |
| Basic dynamic load rating - radial direction C      | 236 kN                |
| Basic static load rating - radial direction $C_0$   | 735 kN                |
| Factor depending on material and bearing type $K_M$ | 480                   |