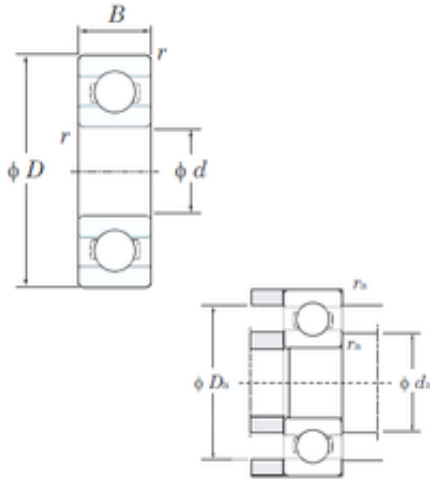




# NTN Bearing Manufacturing



5 mm x 10 mm x 3 mm KOYO ML5010 deep groove ball bearings

Bearing No. ML5010

ML5010 Bearing 2D drawings and 3D CAD models

|                               |             |
|-------------------------------|-------------|
| Size                          | 5x10x3 mm   |
| Bore Diameter                 | 5 mm        |
| Outer Diameter                | 10 mm       |
| Width                         | 3 mm        |
| d                             | 5 mm        |
| D                             | 10 mm       |
| B                             | 3 mm        |
| C                             | 3 mm        |
| r min.                        | 0,1 mm      |
| r1 min.                       | 0,1 mm      |
| da min.                       | 5,8 mm      |
| Da max.                       | 9 mm        |
| ra max.                       | 0,1 mm      |
| Weight                        | 0,0009 Kg   |
| Basic dynamic load rating (C) | 0,5 kN      |
| Basic static load rating (C0) | 0,21 kN     |
| (Grease) Lubrication Speed    | 55000 r/min |
| (Oil) Lubrication Speed       | 65000 r/min |
| Bearing No.                   | ML5010      |
| r(min)                        | 0.1         |
| Cr                            | 0.540       |
| C0r                           | 0.17        |
| Cu                            | 0.005       |
| f0                            | 14.8        |
| Grease lub.                   | 55000       |



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|                 |       |
|-----------------|-------|
| Oil lub.        | 65000 |
| da(min)         | 5.8   |
| Da(max)         | 9     |
| ra(max)         | 0.1   |
| (Refer.)Mass(g) | 0.9   |