

KOYO MHKM916 needle roller bearings

KOYO MHKM916 needle roller bearings Needs 180x100x34 Size (mm)
Analysis , 180 Bore Diameter (mm) 100 Outer Diameter (mm)
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|-------------------------------|------------|
| Size (mm) | 180x100x34 |
| Bore Diameter (mm) | 180 |
| Outer Diameter (mm) | 100 |
| Width (mm) | 34 |
| d | 100 mm |
| D | 180 mm |
| B | 34 mm |
| d1 | 123 mm |
| D2 | 159.9 mm |
| r1,2 – min. | 2.1 mm |
| da – min. | 112 mm |
| da – max. | 122.9 mm |
| Da – max. | 168 mm |
| ra – max. | 2 mm |
| Basic dynamic load rating – C | 134 kN |
| Basic static load rating – C0 | 140 kN |
| Fatigue load limit – Pu | 5 kN |
| Reference speed | 6300 r/min |
| Limiting speed | 4000 r/min |
| Calculation factor – kr | 0.04 |
| d1 ≈ | 123 mm |
| D2 ≈ | 159.9 mm |

| | |
|---|----------|
| r _{1,2} min. | 2.1 mm |
| d _a min. | 112 mm |
| d _a max. | 122.9 mm |
| D _a max. | 168 mm |
| r _a max. | 2 mm |
| Basic dynamic load rating C | 134 kN |
| Basic static load rating C ₀ | 140 kN |
| Fatigue load limit P _u | 5 kN |
| Calculation factor k _r | 0.04 |
| Mass bearing | 3.45 kg |