

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