

SIGMA N 2314 cylindrical roller bearings

SIGMA N 2314 cylindrical roller bearings 100x40x50 Size (mm)
SEARCH – Whether it's agriculture or construction equipment
your working on, Has the you need.

Size (mm)	100x40x50
Bore Diameter (mm)	100
Outer Diameter (mm)	40
Width (mm)	50
d1	40 mm
D	100 mm
B1	50 mm
d3	65 mm
D2	90 mm
B	36 mm
B4	11 mm
r1,2 – min.	1.5 mm
da – max.	60.5 mm
db – min.	50 mm
Da – max.	91 mm
Ba – min.	6 mm
ra – max.	1.5 mm
Basic dynamic load rating – C	39 kN
Basic static load rating – C0	13.4 kN
Fatigue load limit – Pu	0.695 kN
Limiting speed	4300 r/min
Calculation factor – kr	0.05

Calculation factor – e	0.23
Calculation factor – Y0	2.8
Calculation factor – Y1	2.7
Calculation factor – Y2	4.2
d	40 mm
D2 ≈	90 mm
r1,2 min.	1.5 mm
da max.	60.5 mm
db min.	50 mm
Da max.	91 mm
Ba min.	6 mm
ra max.	1.5 mm
Basic dynamic load rating C	39 kN
Basic static load rating C0	13.4 kN
Fatigue load limit Pu	0.7 kN
Permissible angular misalignment α	1.5 °
Calculation factor kr	0.05
Calculation factor e	0.23
Calculation factor Y0	2.8
Calculation factor Y1	2.7
Calculation factor Y2	4.2
Mass bearing + adapter sleeve	1.57 kg