Toyana BK4524 cylindrical roller bearings

Find the discount Toyana BK4524 cylindrical roller bearings online you need . 100 Outer Diameter (mm) We offer … If you check out our large selection of Toyana BK4524 cylindrical roller bearings once 140x100x20 Size (mm) .

Size (mm)	140x100x20
Bore Diameter (mm)	140
Outer Diameter (mm)	100
Width (mm)	20
d	100 mm
D	140 mm
B	20 mm
d1	114.92 mm
d2	113.16 mm
D2	128.7 mm
r1,2 – min.	1.1 mm
r3,4 – min.	0.6 mm
a	41.4 mm
da – min.	106 mm
db – min.	106 mm
Da – max.	134 mm
Db – max.	136.8 mm
ra – max.	1 mm
rb – max.	0.6 mm
dn	116.1 mm
Basic dynamic load rating – C	20.8 kN

Basic static load rating – C0	21.2 kN
Fatigue load limit – Pu	0.815 kN
Limiting speed for grease lubrication	11000 r/min
Limiting speed for oil lubrication	17000 mm/min
Ball – Dw	7.938 mm
Ball – z	37
Gref	9.96 cm3
Calculation factor – e	0.68
Calculation factor – Y2	1.41
Calculation factor – Y0	0.76
Calculation factor – X2	0.67
Calculation factor – Y1	0.92
Preload class A – GA	125 N
Preload class B – GB	250 N
Preload class C – GC	750 N
Calculation factor – f	1.11
Calculation factor – f1	0.99
Calculation factor – f2A	1
Calculation factor – f2B	1.02
Calculation factor – f2C	1.07
Calculation factor – fHC	1
Preload class A	157 N/micron
Preload class B	202 N/micron
Preload class C	306 N/micron
r1,2 min.	1.1 mm
r3,4 min.	0.6 mm
da min.	106 mm
db min.	106 mm
Da max.	134 mm

Db max.	136.8 mm
ra max.	1 mm
rb max.	0.6 mm
Basic dynamic load rating C	27.6 kN
Basic static load rating C0	33.5 kN
Fatigue load limit Pu	0.815 kN
Attainable speed for grease lubrication	11000 r/min
Attainable speed for oil-air lubrication	17000 r/min
Ball diameter Dw	7.938 mm
Number of balls z	37
Reference grease quantity Gref	9.96 cm^3
Preload class A GA	125 N
Static axial stiffness, preload class A	157 N/µm
Preload class B GB	250 N
Static axial stiffness, preload class B	202 N/µm
Preload class C GC	750 N
Static axial stiffness, preload class C	306 N/µm
Calculation factor f	1.11
Calculation factor f1	0.99
Calculation factor f2A	1
Calculation factor f2B	1.02
Calculation factor f2C	1.07
Calculation factor fHC	1
Calculation factor e	0.68
Calculation factor (single, tandem) Y2	0.87
Calculation factor (single, tandem) Y0	0.38
Calculation factor (single, tandem) X2	0.41
Calculation factor (back-to-back, face-to-face) Y1	0.92

Calculation factor (back-to-back, face-to-face) Y2	1.41
Calculation factor (back-to-back, face-to-face) Y0	0.76
Calculation factor (back-to-back, face-to-face) X2	0.67
Mass bearing	0.85 kg