

KOYO 22340RK spherical roller bearings

KOYO 22340RK spherical roller bearings Warehouse offers car parts 100x65x18 Size (mm) and car accessories. We sell discount online as well as cheap machinery parts. 100 Bore Diameter (mm) 65 Outer Diameter (mm)

Size (mm)	100x65x18
Bore Diameter (mm)	100
Outer Diameter (mm)	65
Width (mm)	18
d	65 mm
D	100 mm
B	18 mm
d1	77.26 mm
d2	74.9 mm
D1	87.72 mm
b	1.9 mm
C1	9.7 mm
C2	3.3 mm
C3	3.3 mm
r1,2 – min.	1.1 mm
r3,4 – min.	0.6 mm
a	28.4 mm
da – min.	71 mm
db – min.	71 mm
Da – max.	94 mm
Db – max.	95.8 mm

ra – max.	1 mm
rb – max.	0.6 mm
dn	79.3 mm
Basic dynamic load rating – C	19.5 kN
Basic static load rating – C0	14.6 kN
Fatigue load limit – Pu	0.62 kN
Limiting speed for grease lubrication	20000 r/min
Limiting speed for oil lubrication	31000 mm/min
Ball – Dw	8.731 mm
Ball – z	25
Gref	6.2 cm ³
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	170 N
Preload class B – GB	520 N
Preload class C – GC	1040 N
Calculation factor – f	1.09
Calculation factor – f1	0.99
Calculation factor – f2A	1
Calculation factor – f2B	1.03
Calculation factor – f2C	1.06
Calculation factor – fHC	1.01
Preload class A	146 N/micron
Preload class B	220 N/micron
Preload class C	287 N/micron
r1,2 min.	1.1 mm

r _{3,4} min.	0.6 mm
d _a min.	71 mm
d _b min.	71 mm
D _a max.	94 mm
D _b max.	95.8 mm
r _a max.	1 mm
r _b max.	0.6 mm
Basic dynamic load rating C	19.5 kN
Basic static load rating C ₀	14.6 kN
Fatigue load limit P _u	0.62 kN
Attainable speed for grease lubrication	20000 r/min
Attainable speed for oil-air lubrication	31000 r/min
Ball diameter D _w	8.731 mm
Number of balls z	25
Reference grease quantity G _{ref}	6.2 cm ³
Preload class A G _A	170 N
Static axial stiffness, preload class A	146 N/μm
Preload class B G _B	520 N
Static axial stiffness, preload class B	220 N/μm
Preload class C G _C	1040 N
Static axial stiffness, preload class C	287 N/μm
Calculation factor f	1.09
Calculation factor f ₁	0.99
Calculation factor f _{2A}	1
Calculation factor f _{2B}	1.03
Calculation factor f _{2C}	1.06
Calculation factor f _{HC}	1.01
Calculation factor e	0.68
Calculation factor (single, tandem) Y ₂	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	0.39 kg