

SKF 7009 CD/P4A angular contact ball bearings

YOU'LL 55 Bore Diameter (mm) 35 Outer Diameter (mm) FIND AN EXTENSIVE 55x35x10 Size (mm) SELECTION OF SKF 7009 CD/P4A angular contact ball bearings FOR SALE.

Size (mm)	55x35x10
Bore Diameter (mm)	55
Outer Diameter (mm)	35
Width (mm)	10
d	35 mm
D	55 mm
B	10 mm
d1	41.7 mm
d2	40.2 mm
D1	48.29 mm
b	1.6 mm
C1	5.1 mm
C2	1.8 mm
C3	1.2 mm
r1,2 – min.	0.6 mm
r3,4 – min.	0.3 mm
a	11.4 mm
da – min.	38.2 mm
db – min.	37 mm
Da – max.	51.8 mm
Db – max.	53 mm
ra – max.	0.6 mm

rb – max.	0.3 mm
dn	43 mm
Basic dynamic load rating – C	7.6 kN
Basic static load rating – C0	4.8 kN
Fatigue load limit – Pu	0.2 kN
Limiting speed for grease lubrication	36000 r/min
Limiting speed for oil lubrication	54000 mm/min
Ball – Dw	5.556 mm
Ball – z	19
Gref	0.8 cm ³
Calculation factor – f0	8.3
Preload class A – GA	41 N
Preload class B – GB	125 N
Preload class C – GC	250 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.04
Calculation factor – f2C	1.08
Calculation factor – fHC	1
Preload class A	28 N/micron
Preload class B	43 N/micron
Preload class C	59 N/micron
r1,2 min.	0.6 mm
r3,4 min.	0.3 mm
da min.	38.2 mm
db min.	37 mm
Da max.	51.8 mm
Db max.	53 mm
ra max.	0.6 mm

rb max.	0.3 mm
Basic dynamic load rating C	7.61 kN
Basic static load rating C0	4.75 kN
Fatigue load limit Pu	0.2 kN
Attainable speed for grease lubrication	36000 r/min
Attainable speed for oil-air lubrication	54000 r/min
Ball diameter Dw	5.556 mm
Number of balls z	19
Reference grease quantity Gref	0.8 cm ³
Preload class A GA	41 N
Static axial stiffness, preload class A	28 N/μm
Preload class B GB	125 N
Static axial stiffness, preload class B	43 N/μm
Preload class C GC	250 N
Static axial stiffness, preload class C	59 N/μm
Calculation factor f	1.05
Calculation factor f1	1
Calculation factor f2A	1
Calculation factor f2B	1.04
Calculation factor f2C	1.08
Calculation factor fHC	1
Calculation factor fθ	8.3
Mass bearing	0.075 kg