

SKF NU 1009 ECP thrust ball bearings

Welcome 125 Bore Diameter (mm) to the SKF NU 1009 ECP thrust ball bearings 125x80x22 Size (mm) online seller.

Size (mm)	125x80x22
Bore Diameter (mm)	125
Outer Diameter (mm)	80
Width (mm)	22
d	80 mm
D	125 mm
B	22 mm
d1	95.83 mm
d2	93 mm
D1	109.17 mm
b	2.8 mm
C1	11.1 mm
C2	3.8 mm
C3	3.8 mm
r1,2 – min.	1.1 mm
r3,4 – min.	0.6 mm
a	24.9 mm
da – min.	86 mm
db – min.	86 mm
Da – max.	119 mm
Db – max.	120.8 mm
ra – max.	1 mm
rb – max.	0.6 mm

dn	98.5 mm
Basic dynamic load rating – C	33.8 kN
Basic static load rating – C0	28 kN
Fatigue load limit – Pu	1.2 kN
Limiting speed for grease lubrication	15000 r/min
Limiting speed for oil lubrication	24000 mm/min
Ball – Dw	11.112 mm
Ball – z	25
Gref	12 cm ³
Calculation factor – f0	9.4
Preload class A – GA	180 N
Preload class B – GB	550 N
Preload class C – GC	1090 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.03
Calculation factor – f2C	1.05
Calculation factor – fHC	1
Preload class A	72 N/micron
Preload class B	114 N/micron
Preload class C	157 N/micron
r1,2 min.	1.1 mm
r3,4 min.	0.6 mm
da min.	86 mm
db min.	86 mm
Da max.	119 mm
Db max.	120.8 mm
ra max.	1 mm
rb max.	0.6 mm

Basic dynamic load rating C	33.8 kN
Basic static load rating C ₀	28 kN
Fatigue load limit P _u	1.18 kN
Attainable speed for grease lubrication	15000 r/min
Attainable speed for oil-air lubrication	24000 r/min
Ball diameter D _w	11.112 mm
Number of balls z	25
Reference grease quantity G _{ref}	12 cm ³
Preload class A G _A	180 N
Static axial stiffness, preload class A	72 N/μm
Preload class B G _B	550 N
Static axial stiffness, preload class B	114 N/μm
Preload class C G _C	1090 N
Static axial stiffness, preload class C	157 N/μm
Calculation factor f	1.1
Calculation factor f ₁	1
Calculation factor f _{2A}	1
Calculation factor f _{2B}	1.03
Calculation factor f _{2C}	1.05
Calculation factor f _{HC}	1
Calculation factor f _θ	9.4
Mass bearing	0.86 kg