

SKF 32316J2 tapered roller bearings

Welcome to the SKF 32316J2 tapered roller bearings online 62x40x12 Size (mm) seller.

Size (mm)	62x40x12
Bore Diameter (mm)	62
Outer Diameter (mm)	40
Width (mm)	12
d	40 mm
D	62 mm
B	12 mm
d1	46.5 mm
d2	44.8 mm
D1	54.15 mm
r1,2 – min.	0.6 mm
r3,4 – min.	0.3 mm
a	13.2 mm
da – min.	43.2 mm
db – min.	42 mm
Da – max.	58.8 mm
Db – max.	60 mm
ra – max.	0.6 mm
rb – max.	0.3 mm
dn	48 mm
Basic dynamic load rating – C	9.8 kN
Basic static load rating – C0	6.1 kN
Fatigue load limit – Pu	0.26 kN

Limiting speed for grease lubrication	38000 r/min
Limiting speed for oil lubrication	58000 mm/min
Ball – Dw	6.35 mm
Ball – z	19
Gref	1.4 cm ³
Calculation factor – f ₀	8.3
Preload class A – GA	52 N
Preload class B – GB	157 N
Preload class C – GC	315 N
Calculation factor – f	1
Calculation factor – f _{2A}	1
Calculation factor – f _{2B}	1.05
Calculation factor – f _{2C}	1.09
Calculation factor – f _{HC}	1.01
Preload class A	35 N/micron
Preload class B	55 N/micron
Preload class C	74 N/micron
r _{1,2} min.	0.6 mm
r _{3,4} min.	0.3 mm
d _a min.	43.2 mm
d _b min.	42 mm
D _a max.	58.8 mm
D _b max.	60 mm
r _a max.	0.6 mm
r _b max.	0.3 mm
Basic dynamic load rating C	9.75 kN
Basic static load rating C ₀	6.1 kN
Fatigue load limit P _u	0.26 kN
Attainable speed for grease lubrication	38000 r/min

Attainable speed for oil-air lubrication	58000 r/min
Ball diameter D_w	6.35 mm
Number of balls z	19
Reference grease quantity G_{ref}	1.4 cm ³
Preload class A G_A	52 N
Static axial stiffness, preload class A	35 N/ μ m
Preload class B G_B	157 N
Static axial stiffness, preload class B	55 N/ μ m
Preload class C G_C	315 N
Static axial stiffness, preload class C	74 N/ μ m
Calculation factor f	1.05
Calculation factor f_1	1
Calculation factor f_{2A}	1
Calculation factor f_{2B}	1.05
Calculation factor f_{2C}	1.09
Calculation factor f_{HC}	1.01
Calculation factor f_0	8.3
Mass bearing	0.088 kg