

FAG 713650520 wheel bearings

Online FAG 713650520 wheel bearings 47x30x9 Size (mm)
Expert. More Choices. FAG 713650520 wheel bearings in Stock &
Ready to Ship 47 Bore Diameter (mm) Now!

Size (mm)	47x30x9
Bore Diameter (mm)	47
Outer Diameter (mm)	30
Width (mm)	9
d	30 mm
D	47 mm
B	9 mm
d1	35.6 mm
d2	35.6 mm
D2	44.15 mm
r1,2 – min.	0.3 mm
r3,4 – min.	0.2 mm
a	9.7 mm
da – min.	32 mm
da – max.	35.1 mm
db – min.	32 mm
db – max.	35.1 mm
Da – max.	45 mm
Db – max.	45.6 mm
ra – max.	0.3 mm
rb – max.	0.2 mm
Basic dynamic load rating – C	7.2 kN
Basic static load rating – C0	4.6 kN

Fatigue load limit – Pu	0.193 kN
Limiting speed for grease lubrication	30000 r/min
Ball – Dw	4.762 mm
Ball – z	20
Calculation factor – f0	10.4
Preload class A – GA	25 N
Preload class B – GB	50 N
Preload class C – GC	100 N
Preload class D – GD	200 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.04
Calculation factor – f2C	1.09
Calculation factor – f2D	1.15
Calculation factor – fHC	1
Preload class A	26 N/micron
Preload class B	35 N/micron
Preload class C	47 N/micron
Preload class D	67 N/micron
r1,2 min.	0.3 mm
r3,4 min.	0.2 mm
da min.	32 mm
da max.	35.1 mm
db min.	32 mm
db max.	35.1 mm
Da max.	45 mm
Db max.	45.6 mm
ra max.	0.3 mm
rb max.	0.2 mm

Basic dynamic load rating C	7.15 kN
Basic static load rating C ₀	4.55 kN
Fatigue load limit P _u	0.193 kN
Attainable speed for grease lubrication	30000 r/min
Ball diameter D _w	4.762 mm
Number of balls z	20
Preload class A G _A	25 N
Static axial stiffness, preload class A	26 N/μm
Preload class B G _B	50 N
Static axial stiffness, preload class B	35 N/μm
Preload class C G _C	100 N
Static axial stiffness, preload class C	47 N/μm
Preload class D G _D	200 N
Static axial stiffness, preload class D	67 N/μm
Calculation factor f	1.08
Calculation factor f ₁	1
Calculation factor f _{2A}	1
Calculation factor f _{2B}	1.04
Calculation factor f _{2C}	1.09
Calculation factor f _{2D}	1.15
Calculation factor f _{HC}	1
Calculation factor f _θ	10.4
Mass bearing	0.049 kg