

# INA CSXF055 deep groove ball bearings

offers a INA CSXF055 deep groove ball bearings selection of Genuine at Wholesale Prices. We are a 80x50x16 Size (mm) INA CSXF055 deep groove ball bearings Certified Parts Retailer

Size (mm)	80x50x16
Bore Diameter (mm)	80
Outer Diameter (mm)	50
Width (mm)	16
d	50 mm
D	80 mm
B	16 mm
d1	59.2 mm
d2	59.2 mm
D1	70.8 mm
b	2 mm
C1	8.6 mm
C2	3.6 mm
C3	2.8 mm
r1,2 – min.	1 mm
r3,4 – min.	0.3 mm
a	23.2 mm
da – min.	54.6 mm
db – min.	54.6 mm
Da – max.	75.4 mm
Db – max.	78 mm
ra – max.	1 mm

rb – max.	0.3 mm
dn	61.2 mm
Basic dynamic load rating – C	28.1 kN
Basic static load rating – C0	23.2 kN
Fatigue load limit – Pu	0.98 kN
Limiting speed for grease lubrication	18000 r/min
Limiting speed for oil lubrication	28000 mm/min
Ball – Dw	9.525 mm
Ball – z	18
Gref	3.6 cm <sup>3</sup>
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	180 N
Preload class B – GB	360 N
Preload class C – GC	720 N
Preload class D – GD	1440 N
Calculation factor – f	1.11
Calculation factor – f1	0.99
Calculation factor – f2A	1
Calculation factor – f2B	1.02
Calculation factor – f2C	1.05
Calculation factor – f2D	1.08
Calculation factor – fHC	1.02
Preload class A	156 N/micron
Preload class B	204 N/micron
Preload class C	271 N/micron

Preload class D	367 N/micron
r <sub>1,2</sub> min.	1 mm
r <sub>3,4</sub> min.	0.3 mm
d <sub>a</sub> min.	54.6 mm
d <sub>b</sub> min.	54.6 mm
D <sub>a</sub> max.	75.4 mm
D <sub>b</sub> max.	78 mm
r <sub>a</sub> max.	1 mm
r <sub>b</sub> max.	0.3 mm
Basic dynamic load rating C	28.1 kN
Basic static load rating C <sub>0</sub>	23.2 kN
Fatigue load limit P <sub>u</sub>	0.98 kN
Attainable speed for grease lubrication	18000 r/min
Attainable speed for oil-air lubrication	28000 r/min
Ball diameter D <sub>w</sub>	9.525 mm
Number of balls z	18
Reference grease quantity G <sub>ref</sub>	3.6 cm <sup>3</sup>
Preload class A G <sub>A</sub>	180 N
Static axial stiffness, preload class A	156 N/μm
Preload class B G <sub>B</sub>	360 N
Static axial stiffness, preload class B	204 N/μm
Preload class C G <sub>C</sub>	720 N
Static axial stiffness, preload class C	271 N/μm
Preload class D G <sub>D</sub>	1440 N
Static axial stiffness, preload class D	367 N/μm
Calculation factor f	1.11
Calculation factor f <sub>1</sub>	0.99
Calculation factor f <sub>2A</sub>	1
Calculation factor f <sub>2B</sub>	1.02

Calculation factor f2C	1.05
Calculation factor f2D	1.08
Calculation factor fHC	1.02
Calculation factor e	0.68
Calculation factor (single, tandem) Y2	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	0.22 kg