

# ZEN 61817 deep groove ball bearings

ZEN 61817 deep groove ball bearings 110 Outer Diameter (mm) Manufacturers , 170x110x28 Size (mm) Online Wholesale Suppliers !

Size (mm)	170x110x28
Bore Diameter (mm)	170
Outer Diameter (mm)	110
Width (mm)	28
d	110 mm
D	170 mm
B	28 mm
d1	133.2 mm
d2	130.5 mm
D2	151.9 mm
r1,2 – min.	2 mm
r3,4 – min.	1 mm
a	33 mm
da – min.	119 mm
da – max.	132.4 mm
db – min.	119 mm
db – max.	129.7 mm
Da – max.	161 mm
Db – max.	165.4 mm
ra – max.	2 mm
rb – max.	1 mm
Basic dynamic load rating – C	37.1 kN

Basic static load rating – C0	36 kN
Fatigue load limit – Pu	1.3 kN
Limiting speed for grease lubrication	10000 r/min
Ball – Dw	11.112 mm
Ball – z	31
Calculation factor – f0	9.7
Preload class A – GA	71 N
Preload class B – GB	250 N
Preload class C – GC	750 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.02
Calculation factor – f2C	1.05
Calculation factor – fHC	1
Preload class A	71 N/micron
Preload class B	93 N/micron
Preload class C	147 N/micron
r1,2 min.	2 mm
r3,4 min.	1 mm
da min.	119 mm
da max.	132.4 mm
db min.	119 mm
db max.	129.7 mm
Da max.	161 mm
Db max.	165.4 mm
ra max.	2 mm
rb max.	1 mm
Basic dynamic load rating C	49.4 kN
Basic static load rating C0	60 kN

Fatigue load limit $P_u$	1.29 kN
Attainable speed for grease lubrication	10000 r/min
Ball diameter $D_w$	11.112 mm
Number of balls $z$	31
Preload class A $G_A$	71 N
Static axial stiffness, preload class A	71 N/ $\mu\text{m}$
Preload class B $G_B$	250 N
Static axial stiffness, preload class B	93 N/ $\mu\text{m}$
Preload class C $G_C$	750 N
Static axial stiffness, preload class C	147 N/ $\mu\text{m}$
Calculation factor $f$	1.07
Calculation factor $f_1$	1
Calculation factor $f_{2A}$	1
Calculation factor $f_{2B}$	1.02
Calculation factor $f_{2C}$	1.05
Calculation factor $f_{HC}$	1
Calculation factor $f_0$	9.7
Mass bearing	2.19 kg