

# ZEN 696A-2Z deep groove ball bearings

We 105x75x16 Size (mm) Provide Extensive ZEN 696A-2Z deep groove ball bearings Selection And Competitive Wholesale 105 Bore Diameter (mm) Pricing.

Size (mm)	105x75x16
Bore Diameter (mm)	105
Outer Diameter (mm)	75
Width (mm)	16
d	75 mm
D	105 mm
B	16 mm
d1	84.2 mm
d2	84.2 mm
D2	98.72 mm
r1,2 – min.	1 mm
r3,4 – min.	0.3 mm
a	20.1 mm
da – min.	79.6 mm
da – max.	83.6 mm
db – min.	79.6 mm
db – max.	83.6 mm
Da – max.	100 mm
Db – max.	103 mm
ra – max.	1 mm
rb – max.	0.3 mm
Basic dynamic load rating – C	35.8 kN

Basic static load rating – C0	37.5 kN
Fatigue load limit – Pu	1.6 kN
Limiting speed for grease lubrication	12000 r/min
Ball – Dw	9.525 mm
Ball – z	26
Calculation factor – f0	16.3
Preload class A – GA	130 N
Preload class B – GB	260 N
Preload class C – GC	520 N
Preload class D – GD	1040 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	80 N/micron
Preload class B	110 N/micron
Preload class C	156 N/micron
Preload class D	228 N/micron
r1,2 min.	1 mm
r3,4 min.	0.3 mm
da min.	79.6 mm
da max.	83.6 mm
db min.	79.6 mm
db max.	83.6 mm
Da max.	100 mm
Db max.	103 mm
ra max.	1 mm

rb max.	0.3 mm
Basic dynamic load rating C	35.8 kN
Basic static load rating C0	37.5 kN
Fatigue load limit Pu	1.56 kN
Attainable speed for grease lubrication	12000 r/min
Ball diameter Dw	9.525 mm
Number of balls z	26
Preload class A GA	130 N
Static axial stiffness, preload class A	80 N/ $\mu$ m
Preload class B GB	260 N
Static axial stiffness, preload class B	110 N/ $\mu$ m
Preload class C GC	520 N
Static axial stiffness, preload class C	156 N/ $\mu$ m
Preload class D GD	1040 N
Static axial stiffness, preload class D	228 N/ $\mu$ m
Calculation factor f	1.21
Calculation factor f1	1
Calculation factor f2A	1
Calculation factor f2B	1.04
Calculation factor f2C	1.09
Calculation factor f2D	1.15
Calculation factor fHC	1
Calculation factor f0	16.3
Mass bearing	0.36 kg