



6014ZZ

Single-Row Deep Groove Ball Bearings

Parts Number

6014ZZC3

Boundary Dimensions

d	70	mm	Bore diameter
D	110	mm	Outside diameter
B	20	mm	Width
r (min.)	1.1	mm	Chamfer dimension

Basic Load Ratings

C_r	42000	N	Basic dynamic load rating
C_{0r}	31000	N	Basic static load rating

Speeds

Grease	7100	min ⁻¹	Grease lubrication
--------	------	-------------------	--------------------

Abutment and Fillet Dimensions

da (min.)	76.5	mm	Diameter of shaft abutment
da (max.)	80.5	mm	Diameter of shaft abutment
Da (max.)	103.5	mm	Diameter of housing abutment
ra (max.)	1	mm	Radius of shaft or housing fillet
Dx (min.)	0	mm	Diameter of snap ring recess in the housing
Cy (max.)	0	mm	Distance from outer ring side face to snap ring back face

Calculation factors

fo	15.6	Factor
----	------	--------

Additional information

z	14	Number of Balls
Dw	11.906	mm
		Ball Diameter

Mass

(approx.)	0.608	kg
-----------	-------	----

