



6016DDU

Single-Row Deep Groove Ball Bearings

Parts Number

6016DDUC3

Boundary Dimensions

d	80	mm	Bore diameter
D	125	mm	Outside diameter
B	22	mm	Width
r (min.)	1.1	mm	Chamfer dimension

Basic Load Ratings

C_r	52500	N	Basic dynamic load rating
C_{0r}	40000	N	Basic static load rating

Speeds

Grease	3200	min ⁻¹	Grease lubrication
--------	------	-------------------	--------------------

Abutment and Fillet Dimensions

da (min.)	86.5	mm	Diameter of shaft abutment
da (max.)	91	mm	Diameter of shaft abutment
Da (max.)	118.5	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	13.494	mm	Ball Diameter

Mass

(approx.)	0.872	kg	
-----------	-------	----	--

