



PRODUCT DATASHEET

Datasheet creation date: 2025/05/28 8:24 (UTC)



6312DDU

Single-Row Deep Groove Ball Bearings



Boundary Dimensions

d	60	mm	Bore diameter
D	130	mm	Outside diameter
B	31	mm	Width
r (min.)	2.1	mm	Chamfer dimension

Basic Load Ratings

Cr	90000	N	Basic dynamic load rating
C0r	52000	N	Basic static load rating

Speeds

Grease	3600	min-1	Grease lubrication
--------	------	-------	--------------------

Abutment and Fillet Dimensions

da (min.)	71	mm	Diameter of shaft abutment
da (max.)	79	mm	Diameter of shaft abutment
Da (max.)	119	mm	Diameter of housing abutment
ra (max.)	2	mm	Radius of shaft or housing fillet

Calculation factors

fo	13.1		Factor
----	------	--	--------

Additional information

z	8		Number of Balls
Dw	22.225	mm	Ball Diameter

Mass

Mass approx.	1.72	kg	Mass approx.
--------------	------	----	--------------

