



PRODUCT DATASHEET

Datasheet creation date: 2025/06/02 9:23 (UTC)



7314BEAT85

Single-Row Angular Contact Ball Bearings

Parts Number

7314BEAT85SUCNB

Boundary Dimensions

d	70	mm	Bore diameter
D	150	mm	Outside diameter
B	35	mm	Width
r (min.)	2.1	mm	Chamfer dimension
r1 (min.)	1.1	mm	Chamfer dimension

Basic Load Ratings

Cr	129000	N	Basic dynamic load rating
C0r	87500	N	Basic static load rating

Speeds

Grease	4000	min-1	Grease lubrication
Oil (Oil-bath)	6000	min-1	Oil-bath lubrication

Dimensions

a	63.7	mm	Effective load center
---	------	----	-----------------------

Abutment and Fillet Dimensions

da (min.)	82	mm	Diameter of shaft abutment
Da (max.)	138	mm	Diameter of housing abutment
ra (max.)	2	mm	Radius of shaft or housing fillet

Mass

Mass approx.	2.53	kg	Mass approx.
--------------	------	----	--------------

