



PRODUCT DATASHEET

Datasheet creation date: 2025/06/02 9:19 (UTC)



7216BEAT85

Single-Row Angular Contact Ball Bearings

Boundary Dimensions

d	80	mm	Bore diameter
D	140	mm	Outside diameter
B	26	mm	Width
r (min.)	2	mm	Chamfer dimension
r1 (min.)	1	mm	Chamfer dimension

Basic Load Ratings

Cr	92000	N	Basic dynamic load rating
C0r	70000	N	Basic static load rating

Speeds

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

Dimensions

a	59.2	mm	Effective load center
---	------	----	-----------------------

Abutment and Fillet Dimensions

da (min.)	90	mm	Diameter of shaft abutment
Da (max.)	130	mm	Diameter of housing abutment
ra (max.)	2	mm	Radius of shaft or housing fillet

Mass

Mass approx.	1.42	kg	Mass approx.
--------------	------	----	--------------

