



PRODUCT DATASHEET

Datasheet creation date: 2025/07/08 2:09 (UTC)



7202BEAT85

Single-Row Angular Contact Ball Bearings

Boundary Dimensions

d	15	mm	Bore diameter
D	35	mm	Outside diameter
B	11	mm	Width
r (min.)	0.6	mm	Chamfer dimension
r1 (min.)	0.3	mm	Chamfer dimension

Basic Load Ratings

Cr	10200	N	Basic dynamic load rating
C0r	4800	N	Basic static load rating

Speeds

Grease	18000	min-1	Grease lubrication
Oil (Oil-bath)	26000	min-1	Oil-bath lubrication

Dimensions

a	16	mm	Effective load center
---	----	----	-----------------------

Abutment and Fillet Dimensions

da (min.)	20	mm	Diameter of shaft abutment
Da (max.)	30	mm	Diameter of housing abutment
ra (max.)	0.6	mm	Radius of shaft or housing fillet

Mass

Mass approx.	0.044	kg	Mass approx.
--------------	-------	----	--------------

