



PRODUCT DATASHEET

Datasheet creation date: 2025/06/02 9:24 (UTC)



7318BW

Single-Row Angular Contact Ball Bearings

Boundary Dimensions

d	90	mm	Bore diameter
D	190	mm	Outside diameter
B	43	mm	Width
r (min.)	3	mm	Chamfer dimension
r1 (min.)	1.1	mm	Chamfer dimension

Basic Load Ratings

Cr	172000	N	Basic dynamic load rating
C0r	135000	N	Basic static load rating

Speeds

Grease	2200	min-1	Grease lubrication
Oil (Oil-bath)	3000	min-1	Oil-bath lubrication

Dimensions

a	80.2	mm	Effective load center
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Abutment and Fillet Dimensions

da (min.)	104	mm	Diameter of shaft abutment
Da (max.)	176	mm	Diameter of housing abutment
ra (max.)	2.5	mm	Radius of shaft or housing fillet

Mass

Mass approx.	5.17	kg	Mass approx.
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