



PRODUCT DATASHEET

Datasheet creation date: 2025/05/28 10:00 (UTC)



6824

Single-Row Deep Groove Ball Bearings

Boundary Dimensions

d	120	mm	Bore diameter
D	150	mm	Outside diameter
B	16	mm	Width
r (min.)	1	mm	Chamfer dimension

Basic Load Ratings

Cr	32000	N	Basic dynamic load rating
C0r	35500	N	Basic static load rating

Speeds

Grease	4000	min-1	Grease lubrication
Oil (Oil-bath)	4800	min-1	Oil-bath lubrication

Abutment and Fillet Dimensions

da (min.)	125	mm	Diameter of shaft abutment
da (max.)	127	mm	Diameter of shaft abutment
Da (max.)	145	mm	Diameter of housing abutment
ra (max.)	1	mm	Radius of shaft or housing fillet

Calculation factors

fo	17.3		Factor
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Additional information

z	27		Number of Balls
Dw	8.731	mm	Ball Diameter

Mass

Mass approx.	0.537	kg	Mass approx.
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