



7312BEAT85

Single-Row Angular Contact Ball Bearings

Parts Number

7312BEAT85SUCNB

Boundary Dimensions

d	60	mm	Bore diameter
D	130	mm	Outside diameter
B	31	mm	Width
r (min.)	2.1	mm	Chamfer dimension
r1 (min.)	1.1	mm	Chamfer dimension

Basic Load Ratings

Cr	107000	N	Basic dynamic load rating
C0r	68500	N	Basic static load rating

Speeds

Grease	4800	min-1	Grease lubrication
Oil (Oil-bath)	6700	min-1	Oil-bath lubrication

Dimensions

a	55.4	mm	Effective load center
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Abutment and Fillet Dimensions

da (min.)	72	mm	Diameter of shaft abutment
Da (max.)	118	mm	Diameter of housing abutment
ra (max.)	2	mm	Radius of shaft or housing fillet

Mass

Mass approx.	1.7	kg	Mass approx.
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