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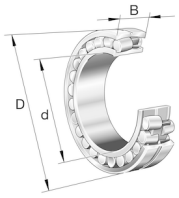


FAG

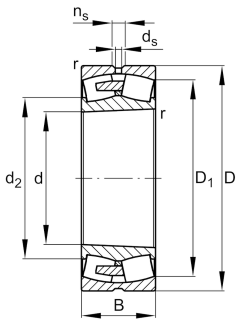
23292-BEA-XL-K-MB1

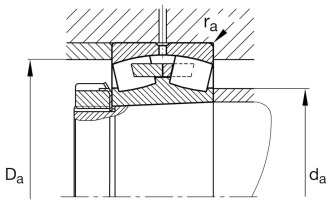
Spherical Roller Bearing

Spherical roller bearing 232..-BEA-XL-K-MB1,
symmetric 2 outer ribs with rib washer

X-life

Technical information





Your current product variant

Design	BEA	With lose center lip ring
Bore type	K	Tapered, taper 1:12
Cage	MB1	Solid brass cage
Radial internal clearance	CN (Group N)	Normal internal clearance
Relubrication	Standard	

Main Dimensions & Performance Data

d	460 mm	Bore diameter
D	830 mm	Outside diameter
B	296 mm	Width
C_r	9.200.000 N	Basic dynamic load rating, radial
C_{0r}	14.700.000 N	Basic static load rating, radial
C_{ur}	960.000 N	Fatigue load limit, radial
n_G	690 1/min	Limiting speed
$n_{\vartheta r}$	295 1/min	Reference speed
≈m	679 kg	Weight

The data sheet only contains an overview of the technical data of the selected product. Please refer to the additional documentation for this product. For further information, please use the following link on our website: Contact form

Mounting dimensions

$d_{a\ min}$	492 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	798 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	6 mm	Maximum recess radius
$d_{a\ max}$	541 mm	Maximum diameter of shaft shoulder
$d_{b\ min}$	490 mm	Minimum cavity diameter of the sleeve
$B_{a\ min}$	17 mm	Minimum cavity width of the sleeve

Dimensions

r_{min}	7,5 mm	Minimum chamfer dimension
D_1	704,9 mm	Bore diameter outer ring
d_s	12,5 mm	Diameter lubrication hole
n_s	23,5 mm	Width of lubricating groove

Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	200 °C	Operating temperature max.

Calculation factors

e	0,36	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y_1	1,9	Dynamic axial load factor
Y_2	2,83	Dynamic axial load factor
Y_0	1,86	Static axial load factor

Additional information

	H3292-HG	Adapter sleeve
	AHX3292G-H	Withdrawal sleeve

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Characteristics

Radial load

Axial load in one direction

Axial load in two directions

Grease Lubrication

Oil Lubrication

Not sealed

Large bearing

Static angular error and misalignment

Dynamic angular error and misalignment

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