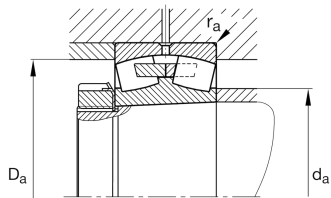
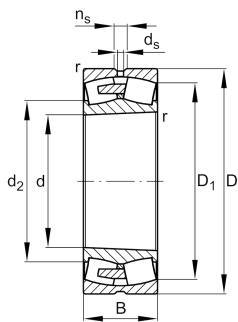
**FAG****23292-BEA-XL-K-MB1** [🔗](#)**Spherical Roller Bearing**

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 facility	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 _{gr}	295 1/min	Reference speed
≈m	679 kg	Weight



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



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