

FAG

23264-BEA-XL-MB1

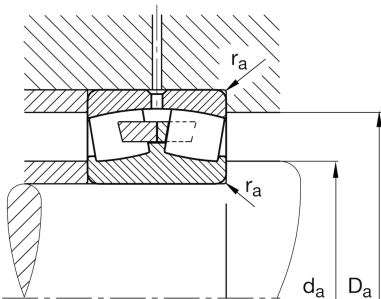
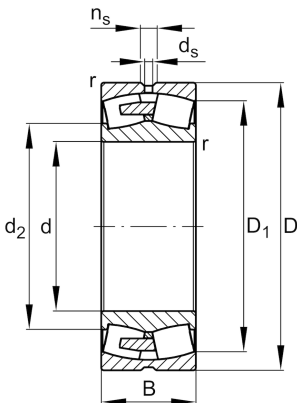
Spherical Roller Bearing

Schaeffler ID:
0798127320000

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

X-life

Technical information



Main Dimensions & Performance Data

d	320 mm	Bore diameter
D	580 mm	Outside diameter
B	208 mm	Width
C _r	4.650.000 N	Basic dynamic load rating, radial
C _{0r}	7.000.000 N	Basic static load rating, radial
C _{ur}	510.000 N	Fatigue load limit, radial
n _G	1.060 1/min	Limiting speed
n _{gr}	510 1/min	Reference speed
	238 kg	Weight

Mounting dimensions

d _{a min}	340 mm	Minimum diameter shaft shoulder
D _{a max}	560 mm	Maximum diameter of housing shoulder
r _{a max}	4 mm	Maximum recess radius

Dimensions

r _{min}	5 mm	Minimum chamfer dimension
D ₁	490,4 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	0,35	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	1,91	Dynamic axial load factor
Y ₂	2,85	Dynamic axial load factor
Y ₀	1,87	Static axial load factor