

FAG

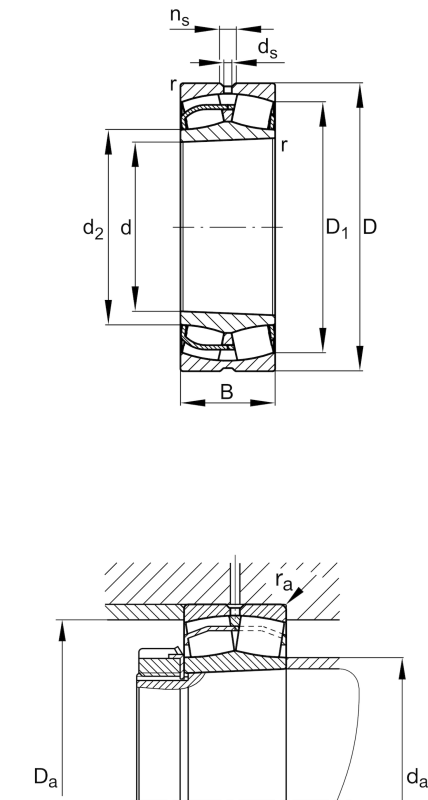
22336-BE-XL-K-C3
Spherical roller bearing

Schaeffler ID:
0660747460030

Spherical roller bearings 223...-E1-K, main dimensions to DIN 635-2, with tapered bore, taper 1:12

X-life

Technical information



Main Dimensions & Performance Data

d	180 mm	Bore diameter
D	380 mm	Outside diameter
B	126 mm	Width
C _r	2.060.000 N	Basic dynamic load rating, radial
C _{0r}	2.460.000 N	Basic static load rating, radial
C _{ur}	195.000 N	Fatigue load limit, radial
n _G	2.030 1/min	Limiting speed
n _{gr}	1.230 1/min	Reference speed
	64,91 kg	Weight

Mounting dimensions

d _{a min}	197 mm	Minimum diameter shaft shoulder
d _{a max}	217 mm	Maximum diameter of shaft shoulder
D _{a max}	363 mm	Maximum diameter of housing shoulder
r _{a max}	3 mm	Maximum recess radius
d _{b min}	195 mm	Minimum cavity diameter of the sleeve
B _{a min}	8 mm	Minimum cavity width of the sleeve

Dimensions

r _{min}	4 mm	Minimum chamfer dimension
D ₁	320,8 mm	Bore diameter outer ring
d ₂	224,9 mm	Raceway diameter of the inner 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	0,34	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	1,96	Dynamic axial load factor
Y ₂	2,92	Dynamic axial load factor
Y ₀	1,92	Static axial load factor
Additional information		
	H2336	Adapter sleeve
	AH2336G	Withdrawal sleeve