

FAG

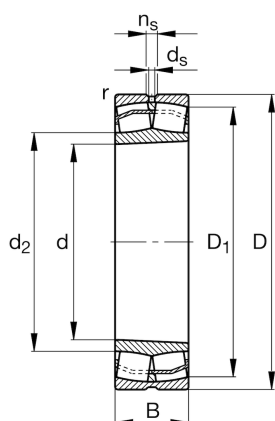
22217-E1-XL-K-C3

Spherical roller bearing

Materiálové číslo Schaeffler:
0167040290030Spherical roller bearings 222...-E1-K, main
dimensions to DIN 635-2, with tapered
bore, taper 1:12

X-life

Technické informace

**Main Dimensions & Performance Data**

d	85 mm	Bore diameter
D	150 mm	Outside diameter
B	36 mm	Width
C _r	305.000 N	Basic dynamic load rating, radial
C _{0r}	325.000 N	Basic static load rating, radial
C _{ur}	39.000 N	Fatigue load limit, radial
n _G	5.700 1/min	Limiting speed
n _{gr}	3.450 1/min	Reference speed
	2,56 kg	Hmotnost

Mounting dimensions

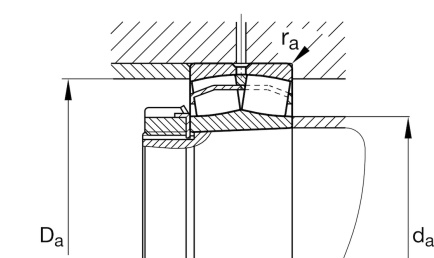
d _{a min}	96 mm	Minimum diameter shaft shoulder
d _{a max}	99 mm	Maximum diameter of shaft shoulder
D _{a max}	139 mm	Maximum diameter of housing shoulder
r _{a max}	2 mm	Maximum recess radius
d _{b min}	91 mm	Minimum cavity diameter of the sleeve
B _{a min}	12 mm	Minimum cavity width of the sleeve

Dimensions

r _{min}	2 mm	Minimum chamfer dimension
D ₁	135,4 mm	Bore diameter outer ring
d ₂	99,7 mm	Raceway diameter of the inner ring
d _s	3,2 mm	Diameter lubrication hole
n _s	6,5 mm	Width of lubricating groove

Temperature range

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



Calculation factors

e	0,22	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	3,04	Dynamic axial load factor
Y ₂	4,53	Dynamic axial load factor
Y ₀	2,97	Static axial load factor

Additional information

H317	Adapter sleeve
AHX317	Withdrawal sleeve