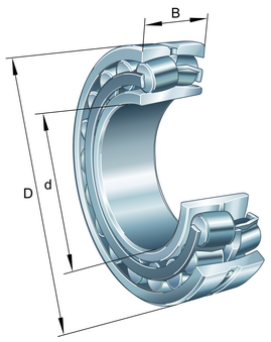


FAG

X-life

★ 22209-E1-XL-K

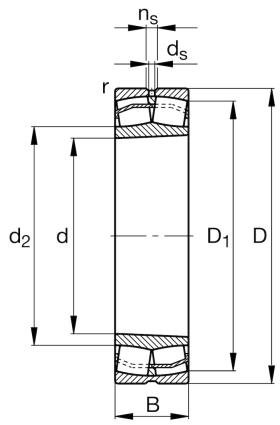
Spherical roller bearing

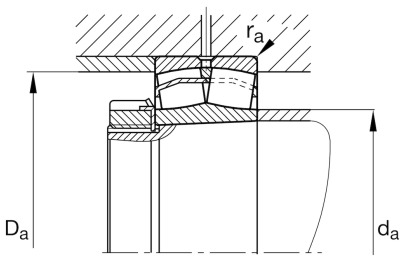
Schaeffler ID:
0167034560000

★ Preferred product

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

Technical information





Temperature range

T min	-30 °C	Operating temperature min.
T max	200 °C	Operating temperature max.
	0,56 kg	Weight

Main Dimensions & Performance Data

d	45 mm	Bore diameter
D	85 mm	Outside diameter
B	23 mm	Width
C r	104.000 N	Basic dynamic load rating, radial
C 0r	99.000 N	Basic static load rating, radial
C ur	13.000 N	Fatigue load limit, radial
n G	10.100 1/min	Limiting speed
n ϑr	5.600 1/min	Reference speed

Dimensions

r min	1,1 mm	Minimum chamfer dimension
D 1	75,6 mm	Bore diameter outer ring
d 2	55 mm	Raceway diameter of the inner ring
d s	3,2 mm	Diameter lubrication hole
n s	4,8 mm	Width of lubricating groove

Mounting dimensions

d a min	52 mm	Minimum diameter shaft shoulder
d a max	54 mm	Maximum diameter of shaft shoulder
D a max	78 mm	Maximum diameter of housing shoulder
r a max	1 mm	Maximum recess radius
d b min	50 mm	Minimum cavity diameter of the sleeve
B a min	8 mm	Minimum cavity width of the sleeve

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Additional information

e	0,25	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
	H309	Adapter sleeve
Y_1	2,74	Dynamic axial load factor
	AH309	Withdrawal sleeve
Y_2	4,08	Dynamic axial load factor
Y_0	2,68	Static axial load factor