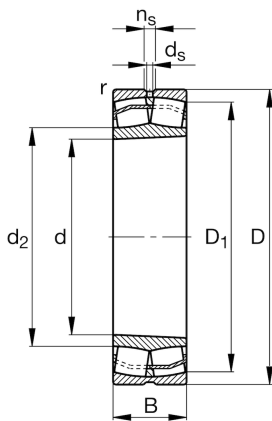
**22328-E1-XL-K-C4**

## Spherical Roller Bearing

Schaeffler ID:  
0190009360040

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

## Technical information



## Main Dimensions &amp; Performance Data

d	5,512 in	Bore diameter
D	11,811 in	Outside diameter
B	4,016 in	Width
C <sub>r</sub>	328.237,41 lbf	Basic dynamic load rating, radial
C <sub>0r</sub>	366.456,835 lbf	Basic static load rating, radial
C <sub>ur</sub>	30.350,719 lbf	Fatigue load limit, radial
n <sub>G</sub>	2.420 1/min	Limiting speed
n <sub>gr</sub>	1.660 1/min	Reference speed
	74,093 lbs	Weight

## Mounting dimensions

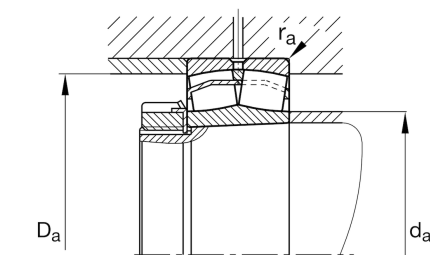
d <sub>a min</sub>	6,181 in	Minimum diameter shaft shoulder
d <sub>a max</sub>	6,654 in	Maximum diameter of shaft shoulder
D <sub>a max</sub>	11,142 in	Maximum diameter of housing shoulder
r <sub>a max</sub>	0,118 in	Maximum recess radius
d <sub>b min</sub>	5,984 in	Minimum cavity diameter of the sleeve
B <sub>a min</sub>	0,315 in	Minimum cavity width of the sleeve

## Dimensions

r <sub>min</sub>	0,157 in	Minimum chamfer dimension
D <sub>1</sub>	10,067 in	Bore diameter outer ring
d <sub>2</sub>	6,831 in	Raceway diameter of the inner ring
d <sub>s</sub>	0,374 in	Diameter lubrication hole
n <sub>s</sub>	0,697 in	Width of lubricating groove

## Temperature range

T <sub>min</sub>	-22 °F	Operating temperature min.
T <sub>max</sub>	392 °F	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 <sub>1</sub>	2	Dynamic axial load factor
Y <sub>2</sub>	2,98	Dynamic axial load factor
Y <sub>0</sub>	1,96	Static axial load factor

**Additional information**

H2328	Adapter sleeve
AHX2328G	Withdrawal sleeve