

FAG

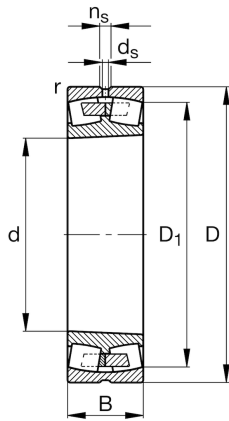
## 22226-E1A-XL-K-M-C3

## Spherical Roller Bearing

Schaeffler ID:  
0190176420030Spherical roller bearing 222...-E1A-XL-K-M,  
symmetric 2 outer ribs

X-life

## Technical information



## Main Dimensions &amp; Performance Data

d	5,118 in	Bore diameter
D	9,055 in	Outside diameter
B	2,52 in	Width
$C_r$	170.863,309 lbf	Basic dynamic load rating, radial
$C_{0r}$	200.089,928 lbf	Basic static load rating, radial
$C_{ur}$	18.210,432 lbf	Fatigue load limit, radial
$n_G$	3.350 1/min	Limiting speed
$n_{gr}$	2.500 1/min	Reference speed
	23,693 lbs	Weight

## Mounting dimensions

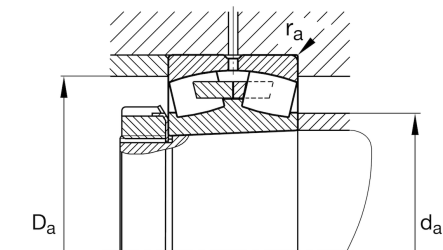
$d_{a \min}$	5,669 in	Minimum diameter shaft shoulder
$D_{a \max}$	8,504 in	Maximum diameter of housing shoulder
$r_{a \max}$	0,098 in	Maximum recess radius
$d_{a \max}$	5,945 in	Maximum diameter of shaft shoulder
$d_{b \min}$	5,433 in	Minimum cavity diameter of the sleeve
$B_{a \min}$	0,315 in	Minimum cavity width of the sleeve

## Dimensions

$r_{\min}$	0,118 in	Minimum chamfer dimension
$D_1$	8,071 in	Bore diameter outer ring
$d_2$	5,972 in	Raceway diameter of the inner ring
$d_s$	0,248 in	Diameter lubrication hole
$n_s$	0,48 in	Width of lubricating groove

## Temperature range

$T_{\min}$	-22 °F	Operating temperature min.
$T_{\max}$	392 °F	Operating temperature max.



**Calculation factors**

e	0,26	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y <sub>1</sub>	2,62	Dynamic axial load factor
Y <sub>2</sub>	3,9	Dynamic axial load factor
Y <sub>0</sub>	2,56	Static axial load factor

**Additional information**

H3126	Adapter sleeve
AHX3126	Withdrawal sleeve