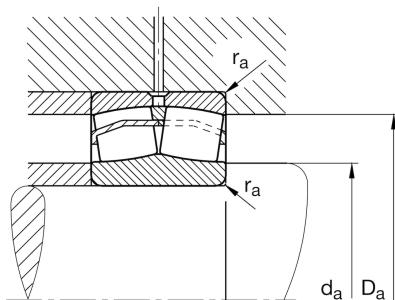
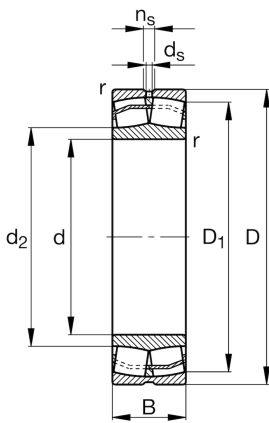
**22217-E1-XL-C3**

Spherical Roller Bearing

Schaeffler ID:
0190004050030Spherical roller bearings 222...-E1, main
dimensions to DIN 635-2

Technical information

**Main Dimensions & Performance Data**

d	3,346 in	Bore diameter
D	5,906 in	Outside diameter
B	1,417 in	Width
C_r	68.570,144 lbf	Basic dynamic load rating, radial
C_{0r}	73.066,547 lbf	Basic static load rating, radial
C_{ur}	8.767,986 lbf	Fatigue load limit, radial
n_G	5.700 1/min	Limiting speed
n_{gr}	3.450 1/min	Reference speed
	5,767 lbs	Weight

Mounting dimensions

$d_{a \min}$	3,78 in	Minimum diameter shaft shoulder
$D_{a \max}$	5,472 in	Maximum diameter of housing shoulder
$r_{a \max}$	0,079 in	Maximum recess radius

Dimensions

r_{\min}	0,079 in	Minimum chamfer dimension
D_1	5,331 in	Bore diameter outer ring
d_2	3,925 in	Raceway diameter of the inner ring
d_s	0,126 in	Diameter lubrication hole
n_s	0,256 in	Width of lubricating groove

Temperature range

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

Calculation factors

e	0,22	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