



FAG

22326-E1-XL

Spherical roller bearing

Schaeffler ID:
0190008800000Spherical roller bearings 223...-E1, main
dimensions to DIN 635-2

X-life

Technical information

**Main Dimensions & Performance Data**

d	130 mm	Bore diameter
D	280 mm	Outside diameter
B	93 mm	Width
C_r	1.250.000 N	Basic dynamic load rating, radial
C_{0r}	1.370.000 N	Basic static load rating, radial
C_{ur}	120.000 N	Fatigue load limit, radial
n_G	2.650 1/min	Limiting speed
n_{gr}	1.820 1/min	Reference speed
	27,25 kg	Weight

Mounting dimensions

$d_{a \min}$	147 mm	Minimum diameter shaft shoulder
$D_{a \max}$	263 mm	Maximum diameter of housing shoulder
$r_{a \max}$	3 mm	Maximum recess radius

Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	200 °C	Operating temperature max.

Dimensions

e	0,33	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
r _{min}	4 mm	Minimum chamfer dimension
D ₁	239,5 mm	Bore diameter outer ring
Y ₁	2,06	Dynamic axial load factor
Y ₂	3,06	Dynamic axial load factor
d ₂	162,2 mm	Raceway diameter of the inner ring
d _s	9,5 mm	Diameter lubrication hole
Y ₀	2,01	Static axial load factor
n _s	17,7 mm	Width of lubricating groove