



FAG

**21306-E1-XL-TVPB**

Spherical Roller Bearing

X-life

## Technical information

**Main Dimensions & Performance Data**

d	30 mm	Bore diameter
D	72 mm	Outside diameter
B	19 mm	Width
C <sub>r</sub>	72.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	63.000 N	Basic static load rating, radial
C <sub>ur</sub>	7.200 N	Fatigue load limit, radial
n <sub>G</sub>	12.000 1/min	Limiting speed
n <sub>gr</sub>	7.300 1/min	Reference speed
≈m	0,381 kg	Weight

**Mounting dimensions**

d <sub>a min</sub>	37 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	65 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	1 mm	Maximum recess radius

**Dimensions**

r <sub>min</sub>	1,1 mm	Minimum chamfer dimension
D <sub>1</sub>	59,9 mm	Bore diameter outer ring
d <sub>2</sub>	41,5 mm	Raceway diameter of the inner ring

**Calculation factors**

e	0,27	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y <sub>1</sub>	2,49	Dynamic axial load factor
Y <sub>2</sub>	3,71	Dynamic axial load factor
Y <sub>0</sub>	2,43	Static axial load factor