



FAG

21306-E1-XL-TVPB

Spherical Roller Bearing

X-life

Informacje techniczne

Twoja aktualna wersja produktu

Cage	TVPB	Plastic cage
Radial internal clearance	CN (Group N)	Normal internal clearance

Main Dimensions & Performance Data

d	30 mm	Bore diameter
D	72 mm	Outside diameter
B	19 mm	Width
C _r	72.000 N	Basic dynamic load rating, radial
C _{0r}	63.000 N	Basic static load rating, radial
C _{ur}	7.200 N	Fatigue load limit, radial
n _G	12.000 1/min	Limiting speed
n _{gr}	7.300 1/min	Reference speed
≈m	0,381 kg	Masa

Mounting dimensions

d _{a min}	37 mm	Minimum diameter shaft shoulder
D _{a max}	65 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum recess radius



Dimensions

$r_{\min}$	1,1 mm	Minimum chamfer dimension
D_1	59,9 mm	Bore diameter outer ring
d_2	41,5 mm	Raceway diameter of the inner ring

Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	120 °C	Operating temperature max.

Calculation factors

e	0,27	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	2,49	Dynamic axial load factor
Y_2	3,71	Dynamic axial load factor
Y_0	2,43	Static axial load factor