



FAG

32234-XL-J30PC

Kegelrollenlager

Kegelrollenlager 322, Hauptabmessungen
nach DIN 720, zerlegbar

X-life

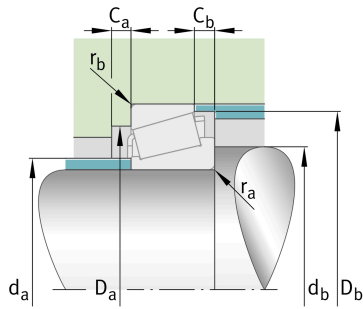
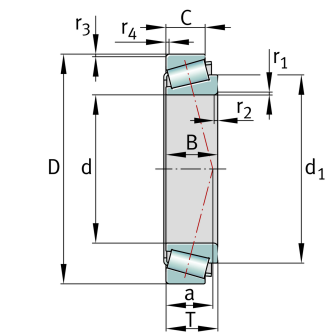
Teknik bilgiler

Ihre aktuelle Produktvariante

Toleranzklasse	PN	Normal (ISO 492:2023)
Wärmebehandlung	Standard	
Käfig	Standard	Käfig aus Stahlblech, Fensterkäfig, wälzkörpergeführt
Innere Konstruktion	Standard	
Qualitätslevel	XL	X-life
Anzahl Wälzkörper-Reihen	1	Einreihig

Main Dimensions & Performance Data

d	170 mm	Bore diameter
D	310 mm	Outside diameter
B	86 mm	Width, inner ring
C	71 mm	Width, outer ring
T	91 mm	Width, total
C_r	1.210.000 N	Basic dynamic load rating, radial
C_{0r}	1.560.000 N	Basic static load rating, radial
C_{ur}	207.000 N	Fatigue load limit, radial
n_G	2.600 1/min	Limiting speed
n_{gr}	1.310 1/min	Thermal speed rating
m	28,6 kg	Gewicht





Mounting dimensions

$d_{a \max}$	196 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	188 mm	Minimum diameter of shaft shoulder
$D_{a \min}$	259 mm	Minimum diameter of housing shoulder
$D_{a \max}$	292 mm	Maximum diameter of housing shoulder
$D_{b \min}$	294 mm	Minimum diameter of housing shoulder
$C_{a \min}$	10 mm	Minimum axial space
$C_{b \min}$	20 mm	Minimum axial space
$r_{a \max}$	5 mm	Maximum fillet radius of shaft
$r_{b \max}$	4 mm	Maximum fillet radius of housing

Dimensions

$r_{1, 2 \min}$	5 mm	Minimum chamfer dimension of inner ring back face
$r_{3, 4 \min}$	4 mm	Minimum chamfer dimension of outer ring back face
a	74 mm	Distance between the apexes of the pressure cones
d_1	237 mm	Guidance rib diameter of inner ring

Temperature range

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

Calculation factors

e	0,43	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y	1,38	Dynamic axial load factor
Y_0	0,76	Static axial load factor

Additional information

T4GD170

Comparative designation to ISO 10317 and ISO 355



Eigenschaften



Radiale Last



Axiale Last aus einer Richtung



Fettschmierung



Ölschmierung



Nicht abgedichtet