



FAG

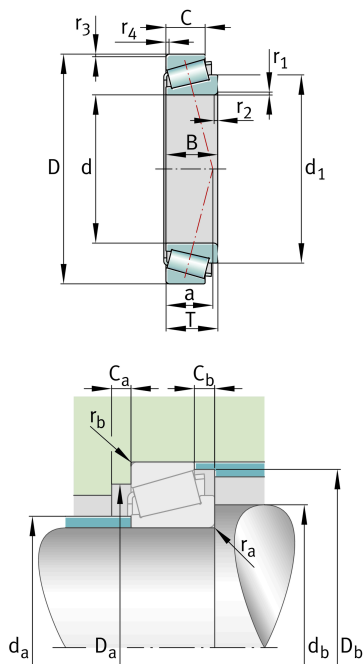
32228-XL

Tapered roller bearing

Kegelrollenlager 322, Hauptabmessungen nach DIN 720, zerlegbar

X-life

Technische Informationen



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	140 mm	Bore diameter
D	250 mm	Outside diameter
B	68 mm	Width, inner ring
C	58 mm	Width, outer ring
T	71,75 mm	Width, total
C _r	800.000 N	Basic dynamic load rating, radial
C _{0r}	990.000 N	Basic static load rating, radial
C _{ur}	139.000 N	Fatigue load limit, radial
n _G	3.250 1/min	Limiting speed
n _{gr}	1.760 1/min	Thermal speed rating
m	14,26 kg	Gewicht



Mounting dimensions

d _a max	159 mm	Maximum diameter of shaft shoulder
d _b min	154 mm	Minimum diameter of shaft shoulder
D _a min	210 mm	Minimum diameter of housing shoulder
D _a max	236 mm	Maximum diameter of housing shoulder
D _b min	238 mm	Minimum diameter of housing shoulder
C _a min	8 mm	Minimum axial space
C _b min	13,5 mm	Minimum axial space
r _a max	4 mm	Maximum fillet radius of shaft
r _b max	3 mm	Maximum fillet radius of housing

Dimensions

r _{1, 2} min	4 mm	Minimum chamfer dimension of inner ring back face
r _{3, 4} min	3 mm	Minimum chamfer dimension of outer ring back face
a	60 mm	Distance between the apexes of the pressure cones
d ₁	191,5 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 Fa/Fr 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

T4FD140	Comparative designation to ISO 10317 and ISO 355
---------	--



Eigenschaften



Radiale Last



Axiale Last aus einer Richtung



Fettschmierung



Ölschmierung



Nicht abgedichtet