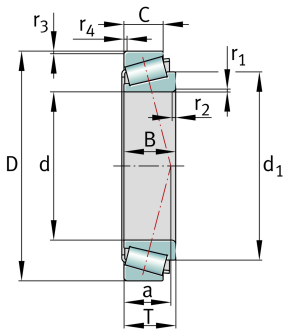
FAG

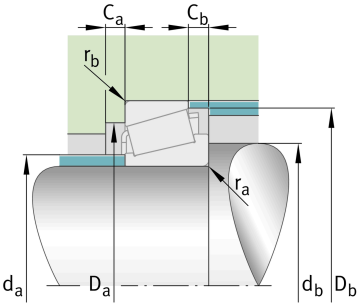
KLM29749-LM29710

Tapered roller bearing

Tapered roller bearings K-Series, in inch sizes, separable

Informacje techniczne





Twoja aktualna wersja produktu

Tolerance class	ABMA4	Class 4 (ANSI/ABMA 19.2:2013)
Heat treatment	Standard	
Cage	Standard	Sheet steel cage, window cage, roller-guided
Quality level	Standard	
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	38,1 mm	Bore diameter
D	65,088 mm	Outside diameter
B	18,288 mm	Width, inner ring
C	13,97 mm	Width, outer ring
T	18,034 mm	Width, total
C_r	45.000 N	Basic dynamic load rating, radial
C_{0r}	60.000 N	Basic static load rating, radial
C_{ur}	7.100 N	Fatigue load limit, radial
n_G	11.200 1/min	Limiting speed
$n_{\vartheta r}$	6.500 1/min	Thermal speed rating
≈m	0,24 kg	Masa

Mounting dimensions

$d_{a\ max}$	42,5 mm	Maximum diameter of shaft shoulder
$d_{b\ min}$	46,5 mm	Minimum diameter of shaft shoulder
$D_{a\ min}$	58,9 mm	Minimum diameter of housing shoulder
$D_{b\ min}$	62 mm	Minimum diameter of housing shoulder
$C_{a\ min}$	2 mm	Minimum axial space
$C_{b\ min}$	4 mm	Minimum axial space
$r_{a\ max}$	2,3 mm	Maximum fillet radius of shaft
$r_{b\ max}$	1,3 mm	Maximum fillet radius of housing

Dimensions

$r_{1,\ 2\ min}$	2,3 mm	Minimum chamfer dimension of inner ring back face
$r_{3,\ 4\ min}$	1,3 mm	Minimum chamfer dimension of outer ring back face
a	13 mm	Distance between the apexes of the pressure cones
d_1	53 mm	Guidance rib diameter of inner ring

Temperature range

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

Calculation factors

e	0,33	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y	1,8	Dynamic axial load factor
Y_0	0,99	Static axial load factor

Właściwości

- Obciążenie promieniowe
- Obciążenie osiowe jednokierunkowe
- Smarowanie smarem
- Smarowanie olejem
- Bez uszczelnienia