

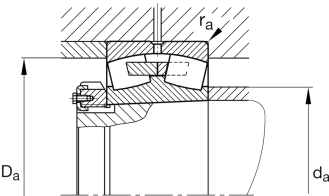
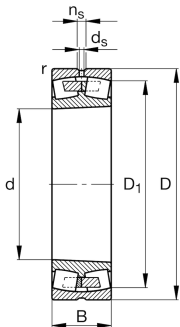
FAG

23996-B-K-MB-C4

Spherical Roller Bearing

Spherical roller bearings 239...-K, main dimensions to DIN 635-2, with tapered bore, taper 1:12

Informacje techniczne



Twoja aktualna wersja produktu

Design	B	With fixed central rib
Bore type	K	Tapered, taper 1:12
Cage	MB	Solid brass cage
Radial internal clearance	C4 (Group 4)	Internal clearance larger than C3
Relubrication feature	Standard	

Main Dimensions & Performance Data

d	480 mm	Bore diameter
D	650 mm	Outside diameter
B	128 mm	Width
C _r	2.550.000 N	Basic dynamic load rating, radial
C _{0r}	6.000.000 N	Basic static load rating, radial
C _{ur}	470.000 N	Fatigue load limit, radial
n _G	1.040 1/min	Limiting speed
n _{gr}	570 1/min	Reference speed

m	120 kg	Masa
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Mounting dimensions

$d_{a \min}$	498 mm	Minimum diameter shaft shoulder
$D_{a \max}$	632 mm	Maximum diameter of housing shoulder
$r_{a \max}$	4 mm	Maximum recess radius
$d_{a \max}$	523 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	496 mm	Minimum cavity diameter of the sleeve
$B_{a \min}$	18 mm	Minimum cavity width of the sleeve

Dimensions

$r_{\min}$	5 mm	Minimum chamfer dimension
D_1	598,8 mm	Bore diameter outer ring
d_s	12,5 mm	Diameter lubrication hole
n_s	23,5 mm	Width of lubricating groove

Temperature range

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

Calculation factors

e	0,18	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	3,76	Dynamic axial load factor
Y_2	5,59	Dynamic axial load factor
Y_0	3,67	Static axial load factor

Additional information

H3996-HG	Adapter sleeve
AH3996-H	Withdrawal sleeve



Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia



Łożysko gabarytowe



Nieosiowość statyczna



Nieosiowość dynamiczna