

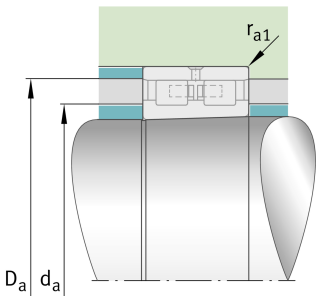
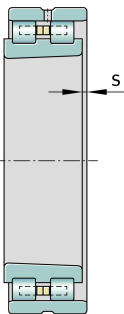
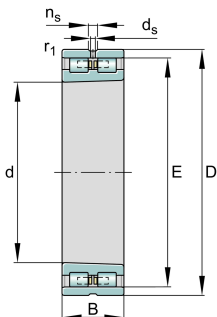
FAG

NN3088-AS-K-M-SP

Cylindrical roller bearing

Super precision cylindrical roller bearings
NN30...-AS-K-M-SP, non-locating bearing,
double row, with tapered bore, taper 1:12,
separable, with cage

Informacje techniczne



Twoja aktualna wersja produktu

Cage	M	Brass Cage
Tolerance class	SP	Tolerance class SP
Bore type	K	Tapered, taper 1:12
Change mark	A	Internal Variant A
Radial internal clearance	C1 (Group 1)	Internal clearance smaller than C2
Number of rows	2	Double-row design

Main Dimensions & Performance Data

d	440 mm	Bore diameter
D	650 mm	Outside diameter
B	157 mm	Width
C _r	2.430.000 N	Basic dynamic load rating, radial
C _{0r}	5.100.000 N	Basic static load rating, radial
C _{ur}	500.000 N	Fatigue load limit, radial
n _{G Grease}	1.160 1/min	Limiting speed for grease lubrication
n _{G Oil}	1.360 1/min	Limiting speed for oil lubrication
≈m	170,6 kg	Masa



Mounting dimensions

d _a	501 mm	Diameter shaft shoulder
h12		Diameter shaft shoulder tolerance
D _a	609 mm	Diameter of housing shoulder
H12		Shoulder diameter outer ring clearance
r _{a1} max	5 mm	Maximum recess radius

Dimensions

r ₁ min	6 mm	Minimum chamfer dimension
E	597 mm	Raceway diameter outer ring
n _s	23,5 mm	Width of lubricating groove
d _s	12,5 mm	Diameter lubrication hole
s	10,2 mm	Axial displacement

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.

Właściwości

	Obciążenie promieniowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia
	łożysko gabarytowe