

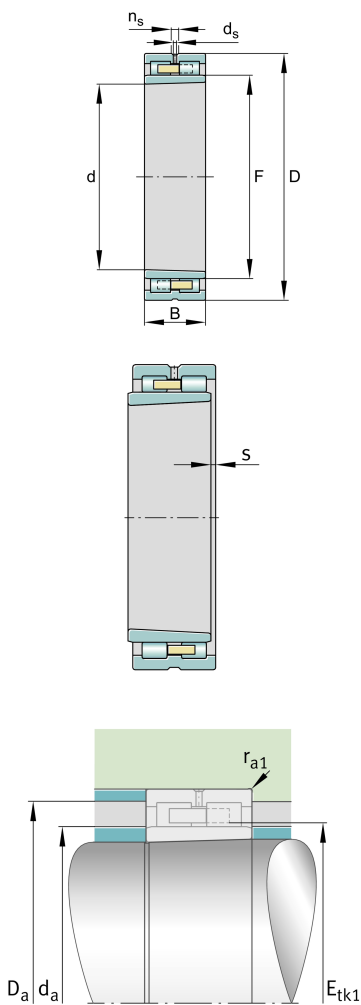
FAG

NNU4972-S-K-M-SP

Cylindrical roller bearing

Super precision cylindrical roller bearings
NNU49..-S-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
Locating Feature , bearing outer ring	S	Lubrication holes and lubrication groove in outer ring
Radial internal clearance	C1 (Group 1)	Internal clearance smaller than C2
Number of rows	2	Double-row design

Main Dimensions & Performance Data

d	360 mm	Bore diameter
D	480 mm	Outside diameter
B	118 mm	Width
C _r	1.130.000 N	Basic dynamic load rating, radial
C _{0r}	2.800.000 N	Basic static load rating, radial
C _{ur}	300.000 N	Fatigue load limit, radial
n _{G Grease}	1.540 1/min	Limiting speed for grease lubrication
n _{G Oil}	1.820 1/min	Limiting speed for oil lubrication
≈m	56,8 kg	Masa



Mounting dimensions

d _a	396 mm	Diameter shaft shoulder
h12		Diameter shaft shoulder tolerance
D _a	449 mm	Diameter of housing shoulder
H12		Diameter of housing shoulder tolerance
r _{a1 max}	2,5 mm	Maximum recess radius

Dimensions

r _{1 min}	3 mm	Minimum chamfer dimension
F	399 mm	Raceway diameter inner ring
n _s	17,7 mm	Width of lubricating groove
d _s	9,5 mm	Diameter lubrication hole
s	6,3 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