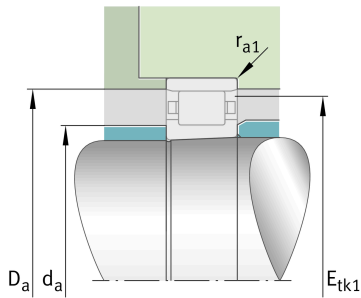
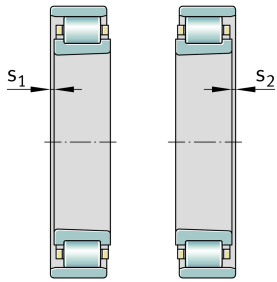
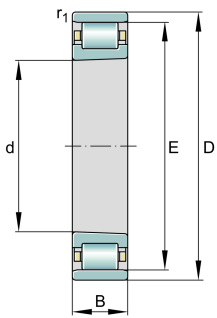


**FAG****N1026-K-M1-SP**

Cylindrical roller bearing

Super precision cylindrical roller bearings
N10..-K-M1-SP, non-locating bearing, with
tapered bore, taper 1:12, separable, with
cage

Technical information



Your current product variant

Cage	M1	Two Piece Brass Cage Roller Guided
Tolerance class	SP	Tolerance class SP
Bore type	K	Tapered, taper 1:12
Radial internal clearance	C1 (Group 1)	Internal clearance smaller than C2
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	130 mm	Bore diameter
D	200 mm	Outside diameter
B	33 mm	Width
C_r	179.000 N	Basic dynamic load rating, radial
C_{0r}	250.000 N	Basic static load rating, radial
C_{ur}	32.000 N	Fatigue load limit, radial
n_G Grease	4.800 1/min	Limiting speed for grease lubrication
n_G Oil	5.600 1/min	Limiting speed for oil lubrication
$\approx m$	3,582 kg	Weight



Mounting dimensions

d_a	148 mm	Diameter shaft shoulder
	h_{12}	Diameter shaft shoulder tolerance
D_a	184,1 mm	Diameter of housing shoulder
	H_{12}	Diameter of housing shoulder tolerance
$E_{tk1\ nom}$	177,8 mm	Injection pitch diameter min
$r_{a1\ max}$	1 mm	Maximum recess radius



Dimensions

$r_{1\ min}$	1,1 mm	Minimum chamfer dimension
s_1	4,2 mm	Axial displacement
s_2	4,2 mm	Axial displacement
E	182 mm	Raceway diameter outer ring

Temperature range

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

Characteristics

	Radial load
	Grease Lubrication
	Oil Lubrication
	Not sealed