



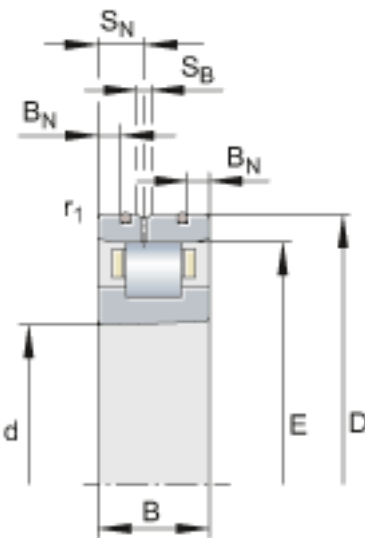
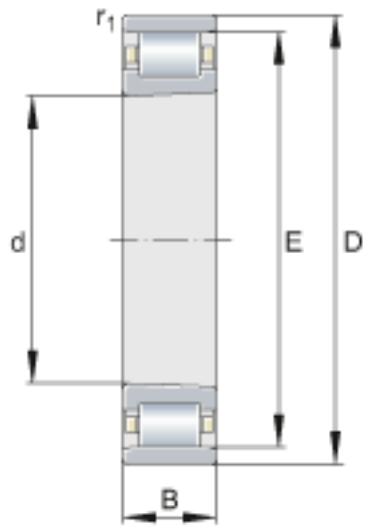
Super precision cylindrical roller bearings N1019-D-K-TVP-SP-XL (Series N10..-K-TVP-SP)

non-locating bearing, with tapered bore, taper 1:12, separable, with cage

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue selection system (https://www.schaeffler.de/content.schaeffler.de/en/news_media/index.jsp) or by telephone on +49 (91 32) 82 - 28 97.

d	95 mm
D	145 mm
B	24 mm
BN	5,5 mm
Da max	133,5 mm Tolerance: H12
da min	110 mm Tolerance: h12
E	132 mm
E _{tk 1} nom	129,8 mm
r1 min	1,1 mm
ra1 max	1 mm

S1	4,4 mm	Axial displacement of outer ring from central position
S2	4,4 mm	Axial displacement of outer ring from central position
S _B	2,2 mm	
S _N	14,5 mm	
m	1,29 kg	≈ Mass
C _r	99000 N	Basic dynamic load rating, radial
C _{0r}	117000 N	Basic static load rating, radial
C _{ur}	18000 N	Fatigue limit load, radial
n _{G Fett}	7700 1/min	Limiting speed for grease lubrication
n _{G Öl}	9100 1/min	Limiting speed for minimal quantity oil lubrication
		The bearings are also available by agreement as a Direct Lube design (suffix DLR).



Design: DLR

