

FAG

★ NN3017-D-K-TVP-SP-XL

Cylindrical roller bearing

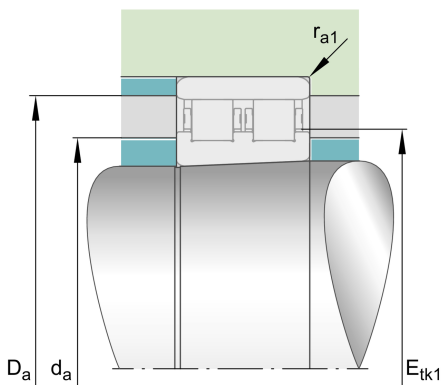
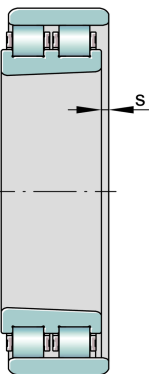
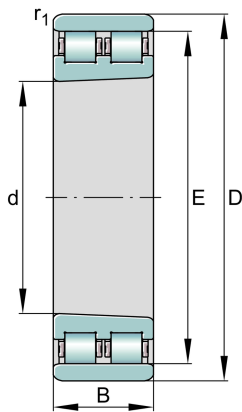
Schaeffler ID:
0870427970000

★ Preferred product

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

X-life

Technical information



Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	120 °C	Operating temperature max.
	1,457 kg	Weight

Main Dimensions & Performance Data

d	85 mm	Bore diameter
D	130 mm	Outside diameter
B	34 mm	Width
C_r	138.000 N	Basic dynamic load rating, radial
C_{0r}	183.000 N	Basic static load rating, radial
C_{ur}	27.500 N	Fatigue load limit, radial
$n_{G \text{ Grease}}$	8.200 1/min	Limiting speed for grease lubrication
$n_{G \text{ Oil}}$	9.700 1/min	Limiting speed for oil lubrication

Dimensions

$r_{1 \min}$	1,1 mm	Minimum chamfer dimension
E	118 mm	Raceway diameter outer ring
s	2,5 mm	Axial displacement

Mounting dimensions

$d_{a \min}$	98 mm	Minimum diameter shaft shoulder
$D_{a \max}$	120,6 mm	Maximum diameter of housing shoulder
$r_{a1 \max}$	1 mm	Maximum recess radius