

FAG

## ★ NN3009-D-K-TVP-SP-XL

Cylindrical roller bearing

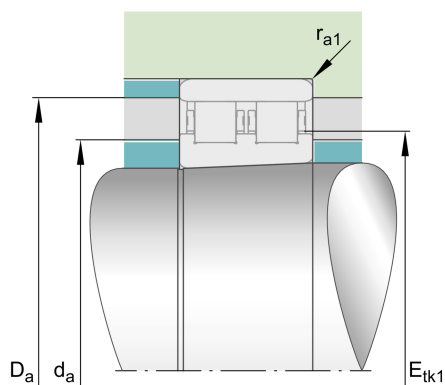
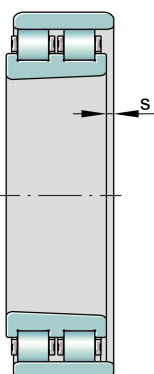
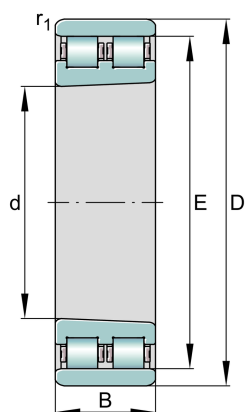
Schaeffler ID:  
0871087040000

★ 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



## Main Dimensions &amp; Performance Data

d	45 mm	Bore diameter
D	75 mm	Outside diameter
B	23 mm	Width
$C_r$	59.000 N	Basic dynamic load rating, radial
$C_{0r}$	65.000 N	Basic static load rating, radial
$C_{ur}$	10.200 N	Fatigue load limit, radial
$n_{G \text{ Grease}}$	14.400 1/min	Limiting speed for grease lubrication
$n_{G \text{ Oil}}$	16.900 1/min	Limiting speed for oil lubrication
	0,004 kg	Weight

## Dimensions

$r_{1 \text{ min}}$	1 mm	Minimum chamfer dimension
E	67,5 mm	Raceway diameter outer ring
s	1,7 mm	Axial displacement

## Mounting dimensions

$d_{a \text{ min}}$	53,5 mm	Minimum diameter shaft shoulder
$D_{a \text{ max}}$	69,2 mm	Maximum diameter of housing shoulder
$r_{a1 \text{ max}}$	1 mm	Maximum recess radius

## Temperature range

$T_{\text{min}}$	-30 °C	Operating temperature min.
$T_{\text{max}}$	120 °C	Operating temperature max.