



FAG

## ★ N318-E-XL-M1

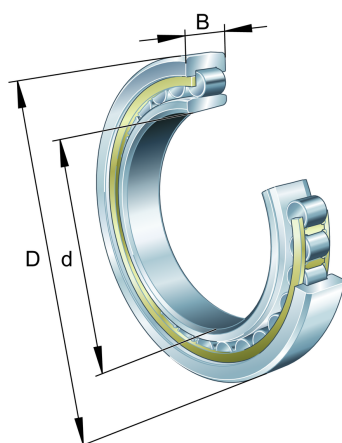
Cylindrical roller bearing

Schaeffler ID:  
0167341300000

★ Preferred product

Cylindrical roller bearing N3..-E-M1, with cage, single row, non-locating bearing, 0 ribs on outer ring, 2 rib on inner ring, type N3

## Technical information



## Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	150 °C	Operating temperature max.
	6 kg	Weight

## Main Dimensions &amp; Performance Data

$d$	90 mm	Bore diameter
$D$	190 mm	Outside diameter
$B$	43 mm	Width
$C_r$	370.000 N	Basic dynamic load rating, radial
$C_{0r}$	350.000 N	Basic static load rating, radial
$C_{ur}$	60.000 N	Fatigue load limit, radial
$n_{G \text{ Grease}}$	4.700 1/min	Limiting speed for grease lubrication
$n_{G \text{ Oil}}$	5.500 1/min	Limiting speed for oil lubrication

## Dimensions

$r_{1 \min}$	3 mm	Minimum chamfer dimension
$s_1$	1,3 mm	Axial displacement
$E$	169,5 mm	Raceway diameter outer ring

## Mounting dimensions

$d_{a \min}$	104 mm	Minimum diameter shaft shoulder
$D_{a \max}$	176 mm	Maximum diameter of housing shoulder
$r_{a1 \max}$	2,5 mm	Maximum recess radius