



FAG

## ★ N230-E-XL-M1

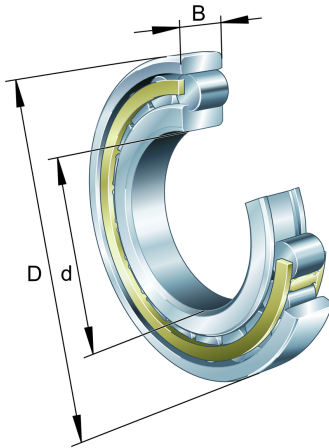
Cylindrical roller bearing

Schaeffler ID:  
0192179510000

★ Preferred product

Cylindrical roller bearing N2..-E-M1, with cage, single row, non-locating bearing, 0 ribs on outer ring, 2 rib on inner ring, type N2

## Technical information



## Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	150 °C	Operating temperature max.
	12,196 kg	Weight

## Main Dimensions &amp; Performance Data

d	150 mm	Bore diameter
D	270 mm	Outside diameter
B	45 mm	Width
$C_r$	520.000 N	Basic dynamic load rating, radial
$C_{0r}$	590.000 N	Basic static load rating, radial
$C_{ur}$	90.000 N	Fatigue load limit, radial
$n_{G \text{ Grease}}$	3.350 1/min	Limiting speed for grease lubrication
$n_{G \text{ Oil}}$	3.950 1/min	Limiting speed for oil lubrication

## Dimensions

$r_{1 \min}$	3 mm	Minimum chamfer dimension
$s_1$	4 mm	Axial displacement
E	242 mm	Raceway diameter outer ring

## Mounting dimensions

$d_{a \min}$	164 mm	Minimum diameter shaft shoulder
$D_{a \max}$	256 mm	Maximum diameter of housing shoulder
$r_{a1 \max}$	2,5 mm	Maximum recess radius