

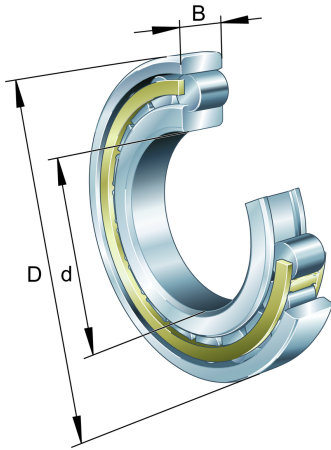
**FAG****N232-E-XL-M1**

Cylindrical roller bearing

Schaeffler ID:
0382650280000

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.
	14,7 kg	Weight

Main Dimensions & Performance Data

d	160 mm	Bore diameter
D	290 mm	Outside diameter
B	48 mm	Width
C_r	590.000 N	Basic dynamic load rating, radial
C_{0r}	670.000 N	Basic static load rating, radial
C_{ur}	102.000 N	Fatigue load limit, radial
$n_{G Grease}$	3.100 1/min	Limiting speed for grease lubrication
$n_{G Oil}$	3.650 1/min	Limiting speed for oil lubrication

Dimensions

$r_{1 min}$	3 mm	Minimum chamfer dimension
s_1	4,1 mm	Axial displacement
E	259 mm	Raceway diameter outer ring

Mounting dimensions

$d_{a min}$	174 mm	Minimum diameter shaft shoulder
$D_{a max}$	276 mm	Maximum diameter of housing shoulder
$r_{a1 max}$	2,5 mm	Maximum recess radius