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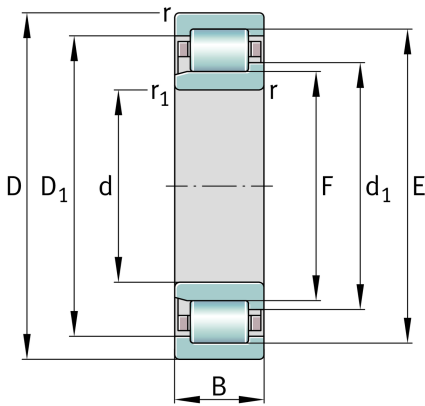
**NJ424-XL-M1**

Cylindrical roller bearing

Schaeffler ID:  
0167368850000

Cylindrical roller bearing NJ..-M1, with cage, single row, semi-locating bearing, 2 ribs on outer ring, 1 rib on inner ring, type NJ

## Technical information

**Temperature range**

$T_{min}$	-30 °C	Operating temperature min.
$T_{max}$	150 °C	Operating temperature max.
	32,1 kg	Weight

**Main Dimensions & Performance Data**

d	120 mm	Bore diameter
D	310 mm	Outside diameter
B	72 mm	Width
$C_r$	850.000 N	Basic dynamic load rating, radial
$C_{0r}$	840.000 N	Basic static load rating, radial
$C_{ur}$	131.000 N	Fatigue load limit, radial
$n_G$	3.450 1/min	Limiting speed
$n_{gr}$	2.200 1/min	Reference speed

**Dimensions**

$r_{min}$	5 mm	Minimum chamfer dimension
$r_{1min}$	5 mm	Minimum chamfer dimension
s	6,9 mm	Axial displacement
E	260 mm	Raceway diameter outer ring
F	170 mm	Raceway diameter inner ring
$D_{1min}$	243,9 mm	Minimum rib diameter outer ring
$d_1$	187,3 mm	Maximum rib diameter inner ring

**Mounting dimensions**

$d_{amin}$	144 mm	Minimum diameter shaft shoulder
$d_{amax}$	168 mm	Maximum diameter of shaft shoulder
$D_{amax}$	286 mm	Maximum diameter of housing shoulder
$d_{cmin}$	190 mm	Minimum shaft shoulder
$r_{amax}$	4 mm	Maximum recess radius

**Additional information**

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HJ424

L-washer