



FAG

★ NJ230-E-XL-M1

Cylindrical roller bearing

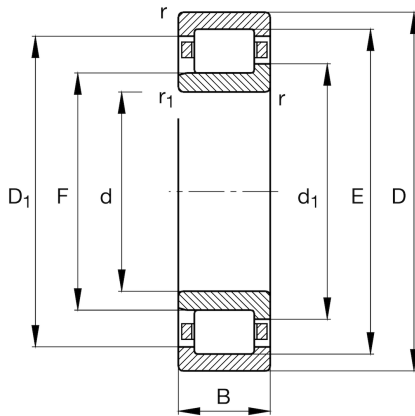
Schaeffler ID:
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★ Preferred product

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

X-life

Technical information



Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	150 °C	Operating temperature max.
	11,68 kg	Weight

Main Dimensions & 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	3.950 1/min	Limiting speed
n_{gr}	2.350 1/min	Reference speed

Dimensions

r_{\min}	3 mm	Minimum chamfer dimension
$r_{1\min}$	3 mm	Minimum chamfer dimension
s	4 mm	Axial displacement
E	242 mm	Raceway diameter outer ring
F	182 mm	Raceway diameter inner ring
$D_{1\min}$	233,2 mm	Minimum rib diameter outer ring
d_1	193,1 mm	Maximum rib diameter inner ring

Mounting dimensions

$d_{a\min}$	164 mm	Minimum diameter shaft shoulder
$d_{a\max}$	179 mm	Maximum diameter of shaft shoulder
$D_{a\max}$	256 mm	Maximum diameter of housing shoulder
$d_{c\min}$	196 mm	Minimum shaft shoulder
$r_{a\max}$	2,5 mm	Maximum recess radius

Additional information

HJ230-E

L-washer

