

FAG

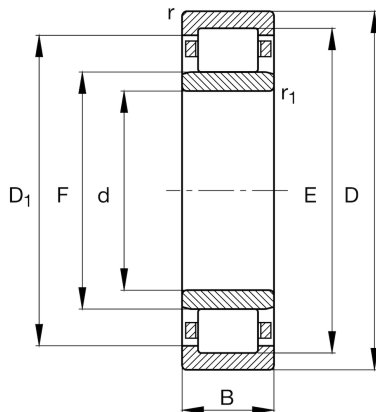
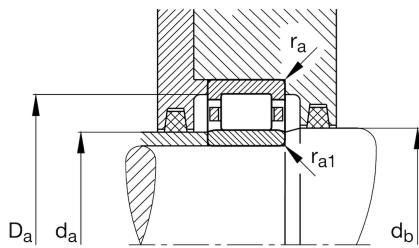
NU2312-E-XL-M1

Cylindrical roller bearing

Schaeffler ID:
0167391320000Cylindrical roller bearing NU..-E-XL-M1,
with cage, single row, non-locating bearing,
2 ribs on outer ring, 0 ribs on inner ring
(smooth), type NU, Running accuracy in
P6

X-life

Technical information



Main Dimensions & Performance Data

d	60 mm	Bore diameter
D	130 mm	Outside diameter
B	46 mm	Width
C_r	265,000 N	Basic dynamic load rating, radial
C_{0r}	260,000 N	Basic static load rating, radial
C_{ur}	51,000 N	Fatigue load limit, radial
n_G	9,600 1/min	Limiting speed
n_{gr}	4,250 1/min	Reference speed
	3 kg	Weight

Mounting dimensions

$d_{a \min}$	72 mm	Minimum diameter shaft shoulder
$d_{a \max}$	75 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	79 mm	Minimum shaft shoulder
$D_{a \max}$	118 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2 mm	Maximum recess radius
$r_{a1 \max}$	2 mm	Maximum recess radius

Dimensions

r_{\min}	2.1 mm	Minimum chamfer dimension
$r_{1 \min}$	2.1 mm	Minimum chamfer dimension
s	3.5 mm	Axial displacement
E	115 mm	Raceway diameter outer ring
F	77 mm	Raceway diameter inner ring
$D_{1 \min}$	109.62 mm	Minimum rib diameter outer ring

Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	150 °C	Operating temperature max.

