



FAG

NJ1026-XL-M1 [🔗](#)

Cylindrical roller bearing

Cylindrical roller bearing NJ..-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

Main Dimensions & Performance Data

d	130 mm	Bore diameter
D	200 mm	Outside diameter
B	33 mm	Width
C _r	212,000 N	Basic dynamic load rating, radial
C _{0r}	250,000 N	Basic static load rating, radial
C _{ur}	39,500 N	Fatigue load limit, radial
n _G	6,500 1/min	Limiting speed
n _{gr}	3,500 1/min	Reference speed
≈m	3.81 kg	Weight

Mounting dimensions

d _{a min}	136 mm	Minimum diameter shaft shoulder
d _{a max}	146 mm	Maximum diameter of shaft shoulder
D _{a max}	191 mm	Maximum diameter of housing shoulder
d _{c min}	157 mm	Minimum shaft shoulder
r _{a max}	2 mm	Maximum recess radius

Dimensions

r _{min}	2 mm	Minimum chamfer dimension
r _{1 min}	1.1 mm	Minimum chamfer dimension
s	3.9 mm	Axial displacement
E	182 mm	Raceway diameter outer ring
F	148 mm	Raceway diameter inner ring
D _{1 min}	175.9 mm	Minimum rib diameter outer ring
d ₁	154.6 mm	Maximum rib diameter inner ring

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.