



FAG

NU1021-XL-M1

Cylindrical roller bearing

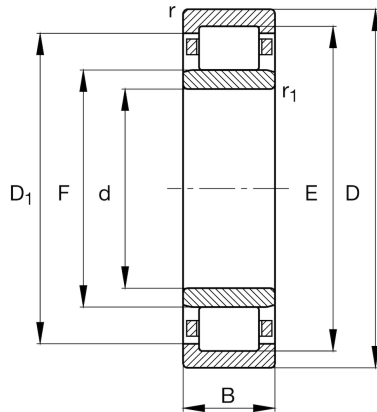
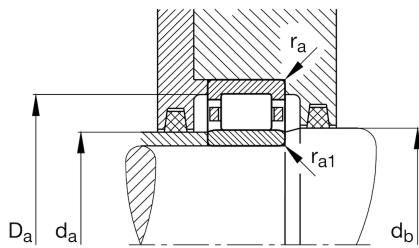
Schaeffler ID:
0167372100000

Cylindrical roller bearing NU..-XL-M1, with cage, single row, non-locating bearing, 2 ribs on outer ring, 0 ribs on inner ring (smooth), type NU

X-life

Technical information

Main Dimensions & Performance Data



d	105 mm	Bore diameter
D	160 mm	Outside diameter
B	26 mm	Width
C _r	132.000 N	Basic dynamic load rating, radial
C _{0r}	154.000 N	Basic static load rating, radial
C _{ur}	20.000 N	Fatigue load limit, radial
n _G	8.400 1/min	Limiting speed
n _{gr}	4.050 1/min	Reference speed
	1,82 kg	Weight

Dimensions

r _{min}	2 mm	Minimum chamfer dimension
r _{1 min}	1,1 mm	Minimum chamfer dimension
s	4,5 mm	Axial displacement
E	145,5 mm	Raceway diameter outer ring
F	119,5 mm	Raceway diameter inner ring
D _{1 min}	141 mm	Minimum rib diameter outer ring

Mounting dimensions

d _{a min}	111 mm	Minimum diameter shaft shoulder
d _{a max}	118 mm	Maximum diameter of shaft shoulder
d _{b min}	122 mm	Minimum shaft shoulder
D _{a max}	151 mm	Maximum diameter of housing shoulder
r _{a max}	2 mm	Maximum recess radius
r _{a1 max}	1 mm	Maximum recess radius

Temperature range

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

