



FAG

NU1036-XL-M1

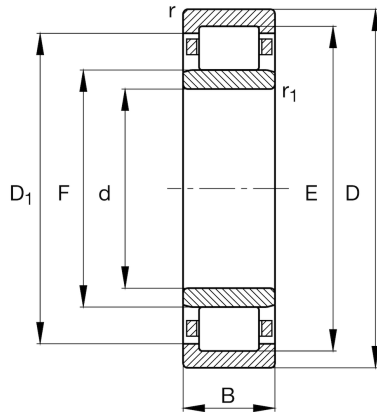
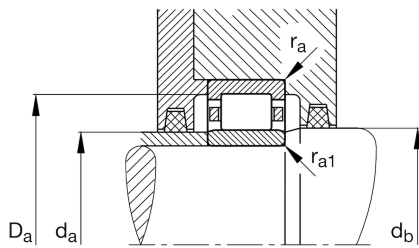
Cylindrical roller bearing

Schaeffler ID:
0167373420000

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, Running accuracy in P6

X-life

Technical information



Main Dimensions & Performance Data

d	180 mm	Bore diameter
D	280 mm	Outside diameter
B	46 mm	Width
C_r	425.000 N	Basic dynamic load rating, radial
C_{0r}	520.000 N	Basic static load rating, radial
C_{ur}	64.000 N	Fatigue load limit, radial
n_G	4.500 1/min	Limiting speed
n_{gr}	2.550 1/min	Reference speed
$\approx m$	10,4 kg	Weight

Mounting dimensions

$d_{a \min}$	190 mm	Minimum diameter shaft shoulder
$d_{a \max}$	203 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	209 mm	Minimum shaft shoulder
$D_{a \max}$	270 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,1 mm	Maximum recess radius
$r_{a1 \max}$	2,1 mm	Maximum recess radius

Dimensions

r_{\min}	2,1 mm	Minimum chamfer dimension
$r_{1 \min}$	2,1 mm	Minimum chamfer dimension
s	5 mm	Axial displacement
E	255 mm	Raceway diameter outer ring
F	205 mm	Raceway diameter inner ring
$D_{1 \min}$	245,9 mm	Minimum rib diameter outer ring

Temperature range

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

