



FAG

★ NU234-E-XL-M1

Cylindrical roller bearing

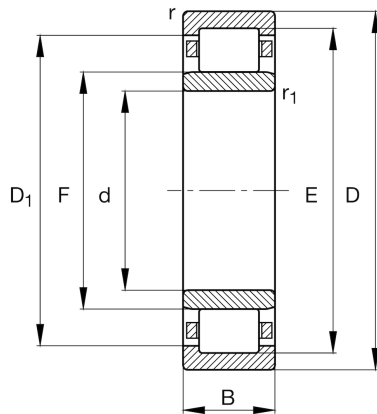
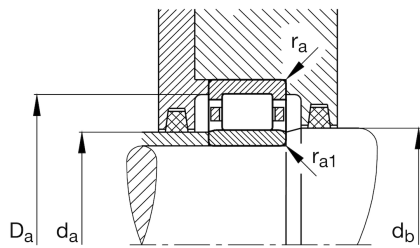
Schaeffler ID:
0192458740000

★ Preferred product

Cylindrical 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

X-life

Technical information



Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	150 °C	Operating temperature max.
	17,58 kg	Weight

Main Dimensions & Performance Data

d	170 mm	Bore diameter
D	310 mm	Outside diameter
B	52 mm	Width
C_r	700.000 N	Basic dynamic load rating, radial
C_{0r}	780.000 N	Basic static load rating, radial
C_{ur}	93.000 N	Fatigue load limit, radial
n_G	3.350 1/min	Limiting speed
n_{gr}	1.970 1/min	Reference speed

Dimensions

r_{min}	4 mm	Minimum chamfer dimension
$r_{1 min}$	4 mm	Minimum chamfer dimension
s	4,3 mm	Axial displacement
E	279 mm	Raceway diameter outer ring
F	207 mm	Raceway diameter inner ring
$D_{1 min}$	268,5 mm	Minimum rib diameter outer ring

Mounting dimensions

$d_{a min}$	187 mm	Minimum diameter shaft shoulder
$d_{a max}$	204 mm	Maximum diameter of shaft shoulder
$d_{b min}$	211 mm	Minimum shaft shoulder
$D_{a max}$	293 mm	Maximum diameter of housing shoulder
$r_{a max}$	3 mm	Maximum recess radius
$r_{a1 max}$	3 mm	Maximum recess radius

