

FAG

★ NU1007-XL-M1

Cylindrical roller bearing

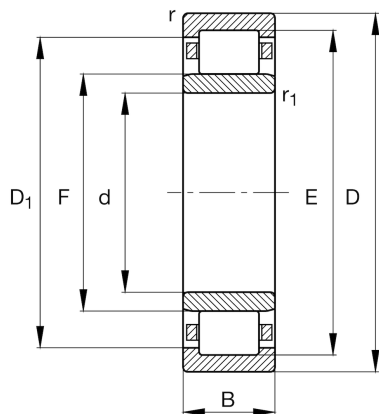
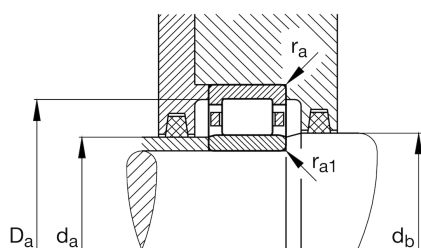
Schaeffler ID:
0167370240000

★ Preferred product

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



Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	150 °C	Operating temperature max.
	0,002 kg	Weight

Main Dimensions & Performance Data

d	35 mm	Bore diameter
D	62 mm	Outside diameter
B	14 mm	Width
C_r	29.000 N	Basic dynamic load rating, radial
C_{0r}	26.000 N	Basic static load rating, radial
C_{ur}	3.250 N	Fatigue load limit, radial
n_G	19.700 1/min	Limiting speed
n_{gr}	9.700 1/min	Reference speed

Dimensions

r_{\min}	1 mm	Minimum chamfer dimension
$r_{1\min}$	0,6 mm	Minimum chamfer dimension
s	2,6 mm	Axial displacement
E	55 mm	Raceway diameter outer ring
F	42 mm	Raceway diameter inner ring
$D_{1\min}$	52,4 mm	Minimum rib diameter outer ring

Mounting dimensions

$d_{a\min}$	38 mm	Minimum diameter shaft shoulder
$d_{a\max}$	41 mm	Maximum diameter of shaft shoulder
$d_{b\min}$	44 mm	Minimum shaft shoulder
$D_{a\max}$	57 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1 mm	Maximum recess radius
$r_{a1\max}$	0,6 mm	Maximum recess radius

