

FAG

★ NU1009-XL-M1

Cylindrical roller bearing

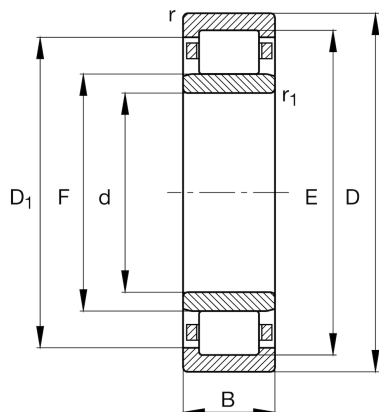
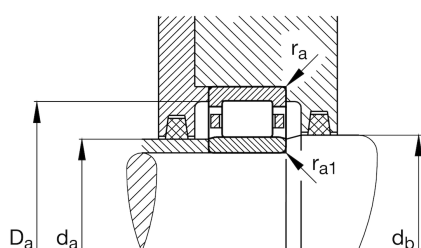
Schaeffler ID:
0167370400000

★ 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.
	0,281 kg	Weight

Main Dimensions & Performance Data

d	45 mm	Bore diameter
D	75 mm	Outside diameter
B	16 mm	Width
C_r	40.000 N	Basic dynamic load rating, radial
C_{0r}	37.500 N	Basic static load rating, radial
C_{ur}	4.900 N	Fatigue load limit, radial
n_G	16.000 1/min	Limiting speed
n_{gr}	8.100 1/min	Reference speed

Dimensions

r_{min}	1 mm	Minimum chamfer dimension
$r_{1 min}$	0,6 mm	Minimum chamfer dimension
s	2,5 mm	Axial displacement
E	67,5 mm	Raceway diameter outer ring
F	52,5 mm	Raceway diameter inner ring
$D_{1 min}$	64,5 mm	Minimum rib diameter outer ring

Mounting dimensions

$d_{a min}$	48 mm	Minimum diameter shaft shoulder
$d_{a max}$	52 mm	Maximum diameter of shaft shoulder
$d_{b min}$	54 mm	Minimum shaft shoulder
$D_{a max}$	70 mm	Maximum diameter of housing shoulder
$r_{a max}$	1 mm	Maximum recess radius
$r_{a1 max}$	0,6 mm	Maximum recess radius

