

FAG

★ NU1020-XL-M1

Cylindrical roller bearing

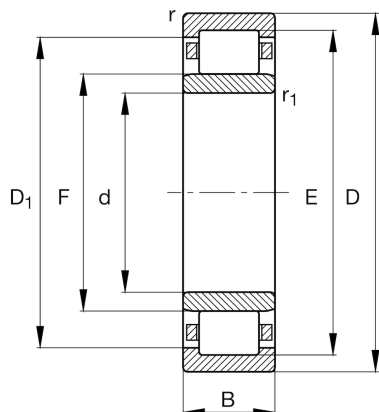
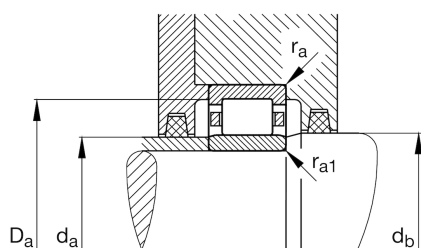
Schaeffler ID:
0167372020000

★ 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.
	1,44 kg	Weight

Main Dimensions & Performance Data

d	100 mm	Bore diameter
D	150 mm	Outside diameter
B	24 mm	Width
C_r	116.000 N	Basic dynamic load rating, radial
C_{0r}	135.000 N	Basic static load rating, radial
C_{ur}	17.700 N	Fatigue load limit, radial
n_G	7.800 1/min	Limiting speed
n_{gr}	4.150 1/min	Reference speed

Dimensions

r_{min}	1,5 mm	Minimum chamfer dimension
$r_{1 min}$	1,1 mm	Minimum chamfer dimension
s	2,9 mm	Axial displacement
E	137 mm	Raceway diameter outer ring
F	113 mm	Raceway diameter inner ring
$D_{1 min}$	132,9 mm	Minimum rib diameter outer ring

Mounting dimensions

$d_{a min}$	106 mm	Minimum diameter shaft shoulder
$d_{a max}$	111 mm	Maximum diameter of shaft shoulder
$d_{b min}$	116 mm	Minimum shaft shoulder
$D_{a max}$	143 mm	Maximum diameter of housing shoulder
$r_{a max}$	1,5 mm	Maximum recess radius
$r_{a1 max}$	1 mm	Maximum recess radius

