



FAG

★ NU413-XL-M1

Cylindrical roller bearing

Schaeffler ID:
0390263100000

★ 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.
	4,06 kg	Weight

Main Dimensions & Performance Data

d	65 mm	Bore diameter
D	160 mm	Outside diameter
B	37 mm	Width
C_r	230.000 N	Basic dynamic load rating, radial
C_{0r}	203.000 N	Basic static load rating, radial
C_{ur}	27.000 N	Fatigue load limit, radial
n_G	7.000 1/min	Limiting speed
n_{gr}	4.600 1/min	Reference speed

Dimensions

r_{\min}	2,1 mm	Minimum chamfer dimension
$r_{1\min}$	2,1 mm	Minimum chamfer dimension
s	3,5 mm	Axial displacement
E	135,3 mm	Raceway diameter outer ring
F	89,3 mm	Raceway diameter inner ring
$D_{1\min}$	127,7 mm	Minimum rib diameter outer ring

Mounting dimensions

$d_{a\min}$	79 mm	Minimum diameter shaft shoulder
$d_{a\max}$	88 mm	Maximum diameter of shaft shoulder
$d_{b\min}$	91 mm	Minimum shaft shoulder
$D_{a\max}$	146 mm	Maximum diameter of housing shoulder
$r_{a\max}$	2 mm	Maximum recess radius
$r_{a1\max}$	2 mm	Maximum recess radius



