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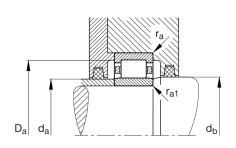
NU414-XL-M1

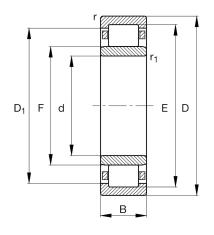
Cylindrical roller bearing

Schaeffler ID: 0192506730000

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, Running accuracy in

Technical information





Main Dimensions & Performance Data

d	70 mm	Bore diameter
D	180 mm	Outside diameter
В	42 mm	Width
C _r	285,000 N	Basic dynamic load rating, radial
C _{0r}	255,000 N	Basic static load rating, radial
C ur	33,500 N	Fatigue load limit, radial
n _G	7,100 1/min	Limiting speed
n _{9r}	4,250 1/min	Reference speed
	5.97 kg	\${Weight}

Mounting dimensions

d _{a min}	86 mm	Minimum diameter shaft shoulder
d _{a max}	99 mm	Maximum diameter of shaft shoulder
d _{b min}	102 mm	Minimum shaft shoulder
D _{a max}	164 mm	Maximum diameter of housing shoulder
r _{a max}	2.5 mm	Maximum recess radius
r _{a1 max}	2.5 mm	Maximum recess radius

Dimensions

r _{min}	3 mm	Minimum chamfer dimension
r _{1 min}	3 mm	Minimum chamfer dimension
S	4 mm	Axial displacement
Е	152 mm	Raceway diameter outer ring
F	100 mm	Raceway diameter inner ring
D _{1 min}	142.7 mm	Minimum rib diameter outer ring

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all further information and guidelines for this product. For further information you can use the contact form on our website.

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