



FAG

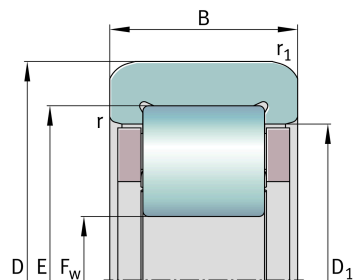
RNU205-E-XL-TVP2

Cylindrical roller bearing

Cylindrical roller bearing RNU..-E-XL-TVP2, with cage, single row, non-locating bearing, 2 ribs on outer ring, no inner ring, type RNU

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Design	E	Increased Capacity Design
Cage	TVP2	Solid Window Cage made from PA66
Number of rows	1	Single-row design
Tolerance class	PN	Normal (ISO 492:2023)

Main Dimensions & Performance Data

F _w	31,5 mm	Raceway diameter inner ring
D	52 mm	Outside diameter
B	15 mm	Width
C _r	34.500 N	Basic dynamic load rating, radial
C _{0r}	27.500 N	Basic static load rating, radial
C _{ur}	4.450 N	Fatigue load limit, radial
n _G	19.800 1/min	Limiting speed
n _{gr}	11.600 1/min	Reference speed
m	0,099 kg	Masa

Mounting dimensions

r _{a max}	1 mm	Maximum recess radius
D _{a max}	46 mm	Maximum diameter of housing shoulder



Dimensions

r _{min}	1 mm	Minimum chamfer dimension
D _{1 min}	43,8 mm	Minimum rib diameter outer ring
E	46,5 mm	Raceway diameter outer ring

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.