



FAG

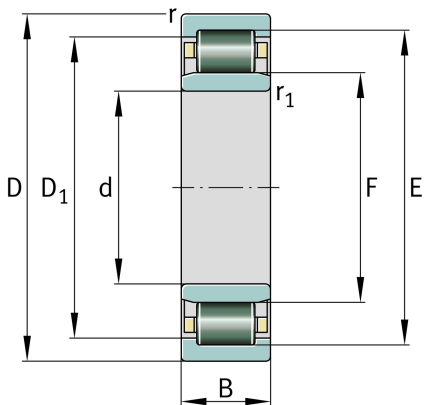
NU248-E-TB-M1

Cylindrical roller bearing

Schaeffler ID:
0780515170000

Cylindrical roller bearing NU20..-E-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 P6

Technical information



Main Dimensions & Performance Data

d	240 mm	Bore diameter
D	440 mm	Outside diameter
B	72 mm	Width
C _r	1.140.000 N	Basic dynamic load rating, radial
C _{0r}	1.610.000 N	Basic static load rating, radial
C _{ur}	124.000 N	Fatigue load limit, radial
n _G	2.320 1/min	Limiting speed
n _{gr}	1.220 1/min	Reference speed
≈m	51,15 kg	Weight

Mounting dimensions

d _{a min}	257 mm	Minimum diameter shaft shoulder
d _{a max}	290 mm	Maximum diameter of shaft shoulder
d _{b min}	296 mm	Minimum shaft shoulder
D _{a max}	423 mm	Maximum diameter of housing shoulder
r _{a max}	3 mm	Maximum recess radius
r _{a1 max}	3 mm	Maximum recess radius

Dimensions

r _{min}	4 mm	Minimum chamfer dimension
r _{1 min}	4 mm	Minimum chamfer dimension
s	6 mm	Axial displacement
E	393 mm	Raceway diameter outer ring
F	293 mm	Raceway diameter inner ring
D _{1 min}	373 mm	Minimum rib diameter outer ring

Temperature range

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