



FAG

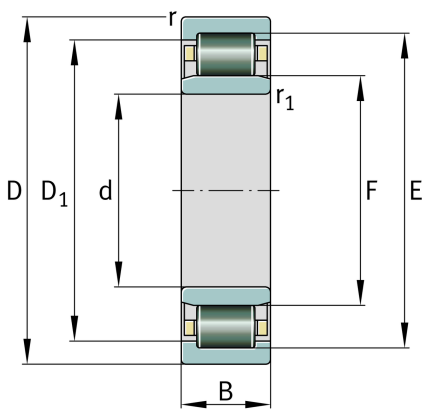
NU2244-EX-TB-M1

Cylindrical roller bearing

Schaeffler ID:
0796925910000

Cylindrical roller bearing NU2..-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	220 mm	Bore diameter
D	400 mm	Outside diameter
B	108 mm	Width
C _r	1.630.000 N	Basic dynamic load rating, radial
C _{0r}	2.370.000 N	Basic static load rating, radial
C _{ur}	255.000 N	Fatigue load limit, radial
n _G	2.440 1/min	Limiting speed
n _{gr}	1.000 1/min	Reference speed
≈m	60,8 kg	Weight

Mounting dimensions

d _{a min}	237 mm	Minimum diameter shaft shoulder
d _{a max}	256,7 mm	Maximum diameter of shaft shoulder
d _{b min}	261,3 mm	Minimum shaft shoulder
D _{a max}	383 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	8,4 mm	Axial displacement
E	367 mm	Raceway diameter outer ring
F	259 mm	Raceway diameter inner ring
D _{1 min}	345,4 mm	Minimum rib diameter outer ring

Temperature range

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