

FAG

NU2222-E-XL-TVP2

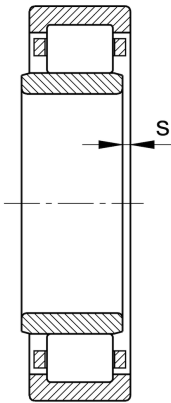
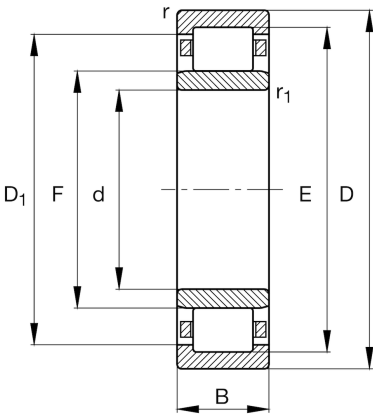
Cylindrical roller bearing

Schaeffler ID:
0167386240000

Cylindrical roller bearing NU...E-XL-TVP2,
with cage, single row, non-locating bearing,
2 ribs on outer ring, 0 ribs on inner ring
(smooth), type NU

X-life

Technical information



Main Dimensions & Performance Data

d	110 mm	Bore diameter
D	200 mm	Outside diameter
B	53 mm	Width
C _r	455,000 N	Basic dynamic load rating, radial
C _{0r}	520,000 N	Basic static load rating, radial
C _{ur}	88,000 N	Fatigue load limit, radial
n _G	4,750 1/min	Limiting speed
n _{gr}	2,750 1/min	Reference speed
	6.7 kg	Weight

Dimensions

r _{min}	2.1 mm	Minimum chamfer dimension
r _{1 min}	2.1 mm	Minimum chamfer dimension
s	4 mm	Axial displacement
E	180.5 mm	Raceway diameter outer ring
F	132.5 mm	Raceway diameter inner ring
D _{1 min}	173.8 mm	Minimum rib diameter outer ring

Mounting dimensions

d _{a min}	122 mm	Minimum diameter shaft shoulder
d _{a max}	130 mm	Maximum diameter of shaft shoulder
d _{b min}	135 mm	Minimum shaft shoulder
D _{a max}	188 mm	Maximum diameter of housing shoulder
r _{a max}	2.1 mm	Maximum recess radius
r _{a1 max}	2.1 mm	Maximum recess radius

Temperature range

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

