

FAG

Schaeffler ID:
0192347240000

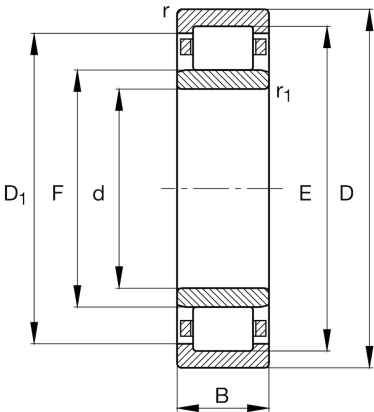
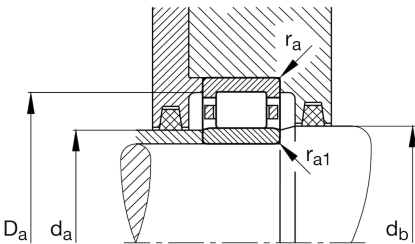
X-life

NU1006-XL-M1

Cylindrical roller bearing

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 P6

Technical information



Main Dimensions & Performance Data

d	30 mm	Bore diameter
D	55 mm	Outside diameter
B	13 mm	Width
C _r	22,900 N	Basic dynamic load rating, radial
C _{0r}	19,300 N	Basic static load rating, radial
C _{ur}	2,470 N	Fatigue load limit, radial
n _G	25,500 1/min	Limiting speed
n _{gr}	11,000 1/min	Reference speed
	0.129 kg	{Weight}

Mounting dimensions

d _{a min}	33 mm	Minimum diameter shaft shoulder
d _{a max}	35 mm	Maximum diameter of shaft shoulder
d _{b min}	38 mm	Minimum shaft shoulder
D _{a max}	50 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum recess radius
r _{a1 max}	0.6 mm	Maximum recess radius

Dimensions

r _{min}	1 mm	Minimum chamfer dimension
r _{1 min}	0.6 mm	Minimum chamfer dimension
s	2.4 mm	Axial displacement
E	48.5 mm	Raceway diameter outer ring
F	36.5 mm	Raceway diameter inner ring
D _{1 min}	46.1 mm	Minimum rib diameter outer ring

Temperature range

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

