

FAG

NU406-XL-M1

Cylindrical roller bearing

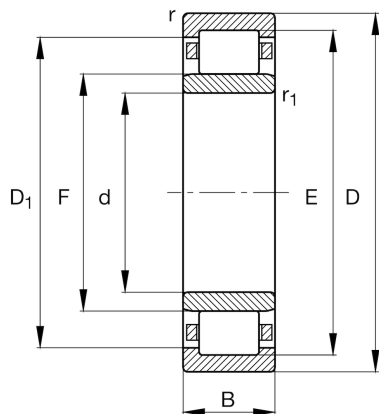
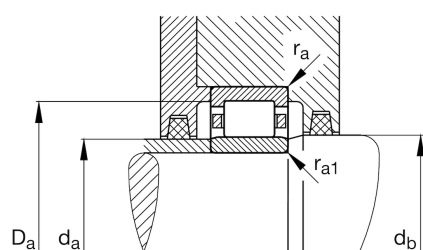
Schaeffler ID:
0190050590000

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

X-life

Technical information

Main Dimensions & Performance Data



d	30 mm	Bore diameter
D	90 mm	Outside diameter
B	23 mm	Width
C_r	84,000 N	Basic dynamic load rating, radial
C_{0r}	65,000 N	Basic static load rating, radial
C_{ur}	8,400 N	Fatigue load limit, radial
n_G	15,500 1/min	Limiting speed
n_{gr}	8,100 1/min	Reference speed
	0.851 kg	Weight

Dimensions

r_{min}	1.5 mm	Minimum chamfer dimension
$r_{1 min}$	1.5 mm	Minimum chamfer dimension
s	2.3 mm	Axial displacement
E	73 mm	Raceway diameter outer ring
F	45 mm	Raceway diameter inner ring
$D_{1 min}$	68.4 mm	Minimum rib diameter outer ring

Mounting dimensions

$d_{a min}$	41 mm	Minimum diameter shaft shoulder
$d_{a max}$	44 mm	Maximum diameter of shaft shoulder
$d_{b min}$	47 mm	Minimum shaft shoulder
$D_{a max}$	79 mm	Maximum diameter of housing shoulder
$r_{a max}$	1.5 mm	Maximum recess radius
$r_{a1 max}$	1.5 mm	Maximum recess radius

Temperature range

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

