

FAG

NU2208-E-XL-M1

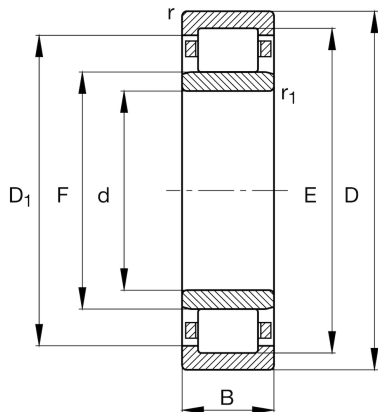
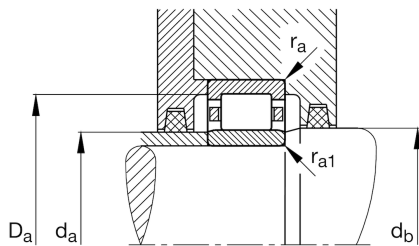
Cylindrical roller bearing

Schaeffler ID:
0167381790000

Cylindrical roller bearing NU..-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

X-life

Technical information



Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	80 mm	Outside diameter
B	23 mm	Width
C _r	83,000 N	Basic dynamic load rating, radial
C _{0r}	75,000 N	Basic static load rating, radial
C _{ur}	12,900 N	Fatigue load limit, radial
n _G	16,300 1/min	Limiting speed
n _{gr}	6,300 1/min	Reference speed
	0.534 kg	Weight

Mounting dimensions

d _{a min}	47 mm	Minimum diameter shaft shoulder
d _{a max}	49 mm	Maximum diameter of shaft shoulder
d _{b min}	52 mm	Minimum shaft shoulder
D _{a max}	73 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum recess radius
r _{a1 max}	1 mm	Maximum recess radius

Dimensions

r _{min}	1.1 mm	Minimum chamfer dimension
r _{1 min}	1.1 mm	Minimum chamfer dimension
s	1.5 mm	Axial displacement
E	71.5 mm	Raceway diameter outer ring
F	49.5 mm	Raceway diameter inner ring
D _{1 min}	68.26 mm	Minimum rib diameter outer ring

Temperature range

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

