



FAG

NU2311-E-XL-M1

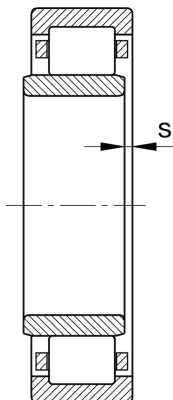
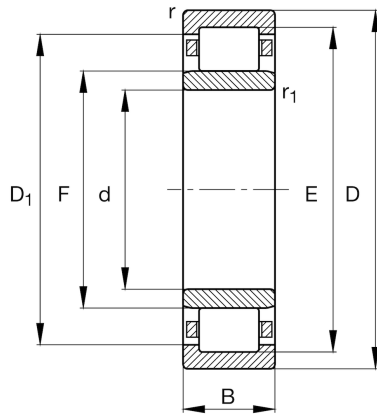
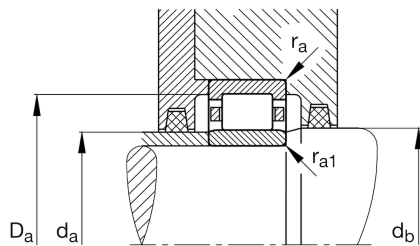
Cylindrical roller bearing

Schaeffler ID:
0167391080000Cylindrical 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

X-life

Technical information

Main Dimensions & Performance Data



d	55 mm	Bore diameter
D	120 mm	Outside diameter
B	43 mm	Width
C _r	235.000 N	Basic dynamic load rating, radial
C _{0r}	230.000 N	Basic static load rating, radial
C _{ur}	44.500 N	Fatigue load limit, radial
n _G	10.400 1/min	Limiting speed
n _{gr}	4.500 1/min	Reference speed
	2,576 kg	Weight

Dimensions

d _{a min}	66 mm	Minimum diameter shaft shoulder
r _{min}	2 mm	Minimum chamfer dimension
d _{a max}	69 mm	Maximum diameter of shaft shoulder
r _{1 min}	2 mm	Minimum chamfer dimension
s	3,3 mm	Axial displacement
d _{b min}	72 mm	Minimum shaft shoulder
D _{a max}	109 mm	Maximum diameter of housing shoulder
E	106,5 mm	Raceway diameter outer ring
F	70,5 mm	Raceway diameter inner ring
D _{1 min}	101,42 mm	Minimum rib diameter outer ring
r _{a max}	2 mm	Maximum recess radius
r _{a1 max}	2 mm	Maximum recess radius

Temperature range

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