



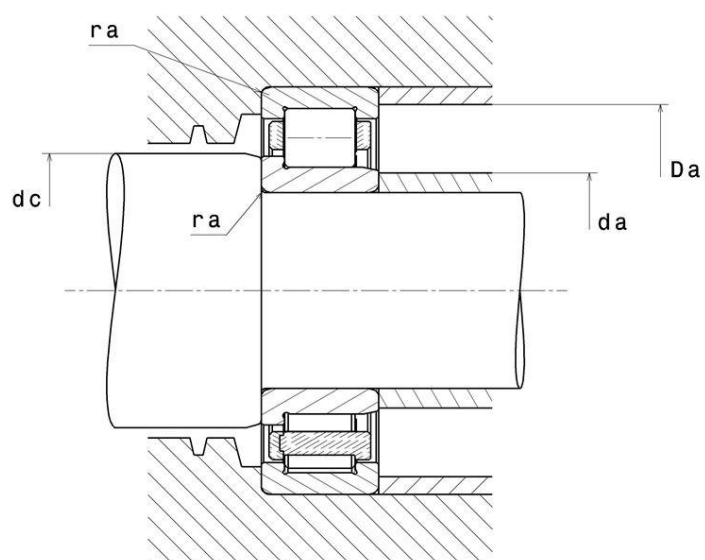
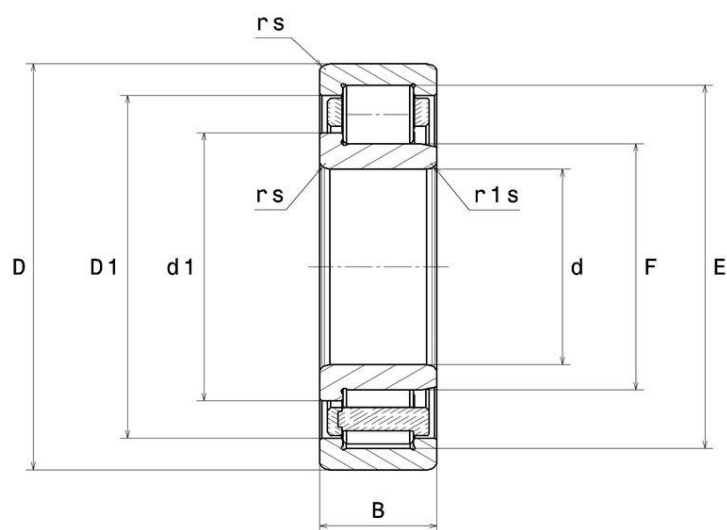
Technical data

NJ1009G1

Single row cylindrical roller bearings

Single row cylindrical roller bearing, single direction for axial loads, separable, brass cage.

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	45 mm
D - External diameter	75 mm
B - Bearing/Inner ring width	16 mm
E - Upper roller diameter	67,5 mm
F - Under roller diameter	52,5 mm
d1 - IR flange outer diameter	55,5 mm
rs - Min fillet radius	1 mm
r1s - Min fillet radius	0,6 mm
Radial clearance class	CN
Mass	0,273 kg

PRODUCT PERFORMANCE

C - Dynamic load	34500000 mN
C0 - Static load	34000000 mN
Cu - Fatigue limit load	4150000 mN
N lim - Oil lubrication limit speed	72000 °/s
N lim - Grease lubrication limit speed	59400 °/s
Tmin - Min operating temperature	233,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	50 mm
da max - Small face shoulder max diameter	52 mm
dc min - Min inner ring GO diameter	56 mm



NTN Europe

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ABUTMENT

Da max - Max shoulder diameter OR	70 mm
ra max - Max fillet radius	1 mm

INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$



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