



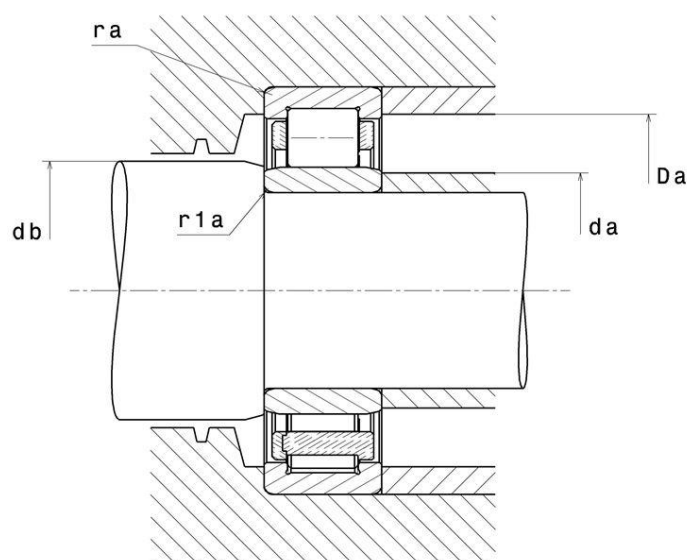
Technical data

NU318EG1C3

Single row cylindrical roller bearings

Single row cylindrical roller bearing, floating, separable, brass cage

VISUAL (S)



NU318EG1C3

Single row cylindrical roller bearings

PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	90 mm
D - External diameter	190 mm
B - Bearing/Inner ring width	43 mm
E - Upper roller diameter	169,5 mm
F - Under roller diameter	113,5 mm
D1 - OR flange inner diameter	159 mm
rs - Min fillet radius	3 mm
Radial clearance class	C3
Mass	5,3 kg

PRODUCT PERFORMANCE

C - Dynamic load	315000000 mN
C0 - Static load	355000000 mN
N lim - Oil lubrication limit speed	23400 °/s
N lim - Grease lubrication limit speed	19800 °/s
Tmin - Min operating temperature	233,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	103 mm
da max - Small face shoulder max diameter	111 mm
db min - Min inner ring GO diameter	117 mm
Da max - Max shoulder diameter OR	177 mm
ra max - Max fillet radius	2,5 mm



NTN Europe

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INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$P_0 = Fr$

