

Technical data

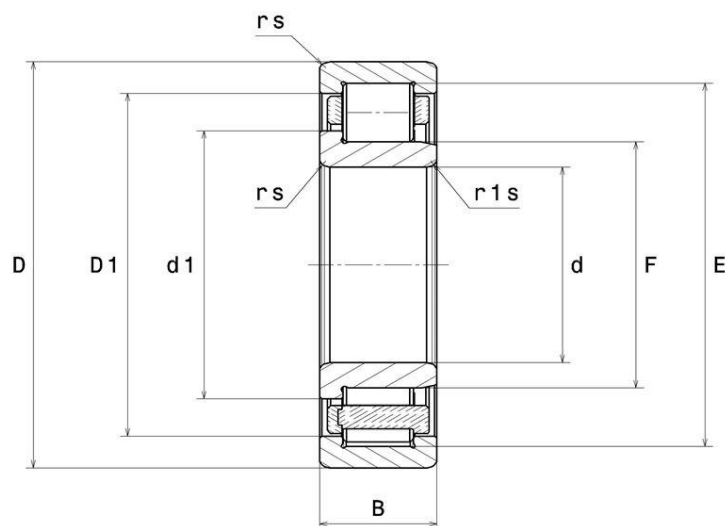
NJ2205EAG1C3

Single row cylindrical roller bearings

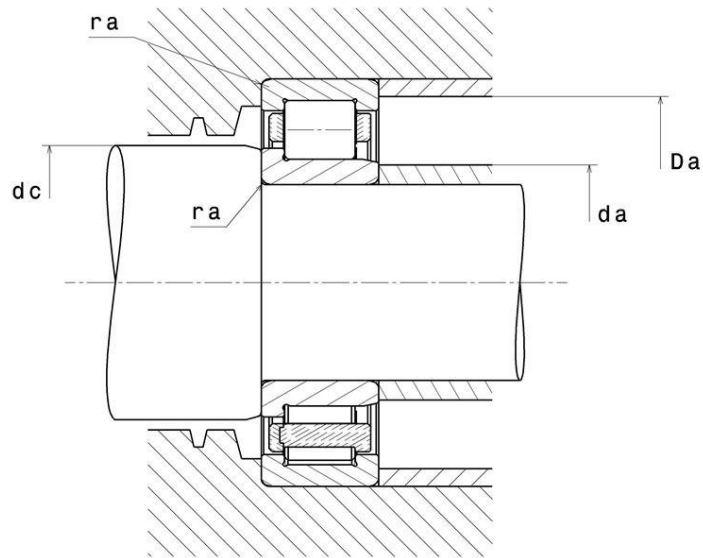


ULTAGE®

VISUAL (S)



NJ2205EAG1C3
Single row cylindrical roller bearings



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	25 mm
D - External diameter	52 mm
B - Bearing/Inner ring width	18 mm
E - Upper roller diameter	46,5 mm
F - Under roller diameter	31,5 mm
rNs - Min fillet radius	0,6 mm
rs - Min fillet radius	1 mm
r1s - Min fillet radius	0,6 mm
Radial clearance class	C3
Mass	0,491 kg

PRODUCT PERFORMANCE

C - Dynamic load	41500000 mN
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PRODUCT PERFORMANCE

C0 - Static load	34500000 mN
Cu - Fatigue limit load	4250000 mN
N lim - Oil lubrication limit speed	93600 °/s
N lim - Grease lubrication limit speed	66000 °/s
Tmin - Min operating temperature	233,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	29 mm
da max - Small face shoulder max diameter	31 mm
dc min - Min inner ring GO diameter	34 mm
Da max - Max shoulder diameter OR	47 mm
Db min - Small face shoulder min diameter	47,5 mm
ra max - Max fillet radius	1 mm
r1a - Max fillet radius	0,6 mm



INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = F_r$$

Equivalent static radial load

$$P_0 = F_r$$



NTN Europe

1 rue des Usines · BP 2017 · 74010 Annecy Cedex · France · Tel. +33 (0)4 50 65 30 00
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