



Technical data

NJ215

Single row cylindrical roller bearings

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

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	75 mm
D - External diameter	130 mm
B - Bearing/Inner ring width	25 mm
E - Upper roller diameter	116,5 mm
F - Under roller diameter	88,5 mm
d1 - IR flange outer diameter	94 mm
rs - Min fillet radius	1,5 mm
r1s - Min fillet radius	1,5 mm
Radial clearance class	CN
Mass	1,285 kg

PRODUCT PERFORMANCE

C - Dynamic load	107000000 mN
C0 - Static load	111000000 mN
Cu - Fatigue limit load	13400000 mN
N lim - Oil lubrication limit speed	36000 °/s
N lim - Grease lubrication limit speed	30600 °/s
Tmin - Min operating temperature	233,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	83 mm
da max - Small face shoulder max diameter	87 mm
dc min - Min inner ring GO diameter	96 mm



NTN Europe

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ABUTMENT	
Da max - Max shoulder diameter OR	122 mm
ra max - Max fillet radius	1,5 mm

INDUSTRY CALCUL FACTORS	
Equivalent dynamic radial load	
$P = Fr$	
Equivalent static radial load	
$P_0 = Fr$	