



Technical data

NJ224

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	120 mm
D - External diameter	215 mm
B - Bearing/Inner ring width	40 mm
E - Upper roller diameter	191,5 mm
F - Under roller diameter	143,5 mm
d1 - IR flange outer diameter	153 mm
rs - Min fillet radius	2,1 mm
r1s - Min fillet radius	2,1 mm
Radial clearance class	CN
Mass	6,015 kg

PRODUCT PERFORMANCE

C - Dynamic load	288000000 mN
C0 - Static load	320000000 mN
Cu - Fatigue limit load	33500000 mN
N lim - Oil lubrication limit speed	22200 °/s
N lim - Grease lubrication limit speed	19200 °/s
Tmin - Min operating temperature	233,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	131 mm
da max - Small face shoulder max diameter	141 mm
dc min - Min inner ring GO diameter	156 mm



NTN Europe

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ABUTMENT	
Da max - Max shoulder diameter OR	204 mm
ra max - Max fillet radius	2 mm

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