



Technical datasheet

NU2228G1

Single row cylindrical roller bearings

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

Visual(s)



Product definition

d	140 mm
D	250 mm
B	68 mm
E	221 mm
F	169 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	CN
Mass (without HJ ring)	13.87 kg
Brand	NTN

Product performance

Dynamic load, C	445 kN
Static load, C0	635 kN
Fatigue limit load, Cu	63.4 kN
Nlim (oil)	2,800 rpm
Nlim (grease)	2,400 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da min	153 mm
da max	166 mm
db min	171 mm
Da max	237 mm
ra max	2.5 mm
r1a max	2.5 mm

Calculation factors

Equivalent dynamic radial load

$$P = F_r$$

Equivalent static radial load

$$P_0 = F_r$$