



Technical data

NU405

Single row cylindrical roller bearings

Single row cylindrical roller bearing, floating, separable, pressed steel cage

Visual(s)



Product definition

d	25 mm
D	80 mm
B	21 mm
E	62.8 mm
F	38.8 mm
rs min	1.5 mm
r1s min	1.5 mm
Radial clearance class	CN
Mass (without HJ ring)	0.58 kg
Brand	NTN

Product performance

Dynamic load, C	46.5 kN
Static load, C0	40 kN
Fatigue limit load, Cu	4.9 kN
Nlim (oil)	10,000 Tr/min
Nlim (grease)	8,500 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da min	33 mm
da max	38 mm
db min	41 mm
Da max	72 mm
ra max	1.5 mm
r1a max	1.5 mm

Calculation factors

Equivalent dynamic radial load

$$P = F_r$$

Equivalent static radial load

$$P_0 = F_r$$