



Technical datasheet

2301S

Double row self aligning ball bearings

Self-aligning ball bearing, pressed steel cage, open

Visual(s)



Product definition

d	12 mm
D	37 mm
B	17 mm
rs min	1 mm
e	0.6
Y1	1.1
Y2	1.6
Y0	1.1
Radial clearance class	CN
Precision class	P0
Mass	0.08 kg
Brand	NTN

Product performance

Dynamic load, C	12.1 kN
Static load, C0	2.73 kN
Nlim (oil)	22,000 rpm
Nlim (grease)	17,000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da min	17 mm
Da max	32 mm
ra max	1 mm