



Technical datasheet

2309SC3

Double row self aligning ball bearings

Self-aligning ball bearing, pressed steel cage, open

Visual(s)



Product definition

d	45 mm
D	100 mm
B	36 mm
rs min	1.5 mm
e	0.41
Y1	1.5
Y2	2.4
Y0	1.6
Radial clearance class	C3
Precision class	P0
Mass	1.2 kg
Brand	NTN

Product performance

Dynamic load, C	55 kN
Static load, C0	16.7 kN
Nlim (oil)	7,100 rpm
Nlim (grease)	5,600 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da min	53 mm
Da max	92 mm
ra max	1.5 mm