



Model: 31320XJ2/CL7CVQ05

1

Basic size of
mm

d:	100
D:	215
T:	56.5

The basic rated load is
kN

trends C:	430
static state Co:	465
Fatigue load limit Pu:	51

Rated rotation speed is
r/min

Refer to the speed:	2400
limit speed:	3000
quality:	8.6
model:	*31320XJ2/CL7CVQ05 1
ISO335 Size series (ABMA):	7GB

Dimensions are
mm

d:	100
d ₁ ~ :	158
B:	51
C:	35
r _{1,2} the min:	4
r _{3,4} the min:	3
a:	65

Shoulder gear and chamfer size
mm

d _a the max:	121
d _b the min:	115

Da the min: 168

Da the max: 201

Db the min: 202

Ca the min: 7

Cb the min: 21.5

r_a the max: 3

r_b the max: 2.5

Calculation coefficient

e: 0.83

Y: 0.72

Yo: 0.4