



Model: 31307J2/Q

Basic size of
mm

d:	35
D:	80
T:	22.75

The basic rated load is
kN

trends C:	71
static state Co:	67
Fatigue load limit Pu:	7.8

Rated rotation speed is
r/min

Refer to the speed:	6300
limit speed:	8500
quality:	0.52
model:	*31307J2/ Q
ISO335	
Size series (ABMA):	7FB

Dimensions are
mm

d:	35
d ₁ ~ :	59.6
B:	21
C:	15
r _{1,2} the min:	2
r _{3,4} the min:	1.5
a:	25

Shoulder gear and chamfer size
mm

d _a the max:	45
d _b the min:	44
Da the min:	62
Da the max:	71
Db the min:	76
Ca the min:	3

Cb the min:	7.5
r _a the max:	2
r _b the max:	1.5

Calculation coefficient

e:	0.83
Y:	0.72
Yo:	0.4