



### Model: 31307J2/QDF

Basic size of  
mm

d:	35
D:	80
T:	45.5

The basic rated load is  
kN

trends C:	120
static state Co:	134
Fatigue load limit Pu:	15.6

Rated rotation speed is  
r/min

Refer to the speed:	5000
limit speed:	8500
quality:	1.1
model:	*31307J2/QD F

Dimensions are  
mm

d:	35
2B:	42
r <sub>3,4</sub> the min:	1.5
r <sub>5</sub> the min:	0.6

Shoulder gear and chamfer size  
mm

d <sub>a</sub> the max:	45
Da the min:	62
Da the max:	71
Ca the min:	3
r <sub>a</sub> the max:	1.5
r <sub>c</sub> the max:	0.6

Calculation coefficient

e:	0.83
Y1:	0.81
Y2:	1.2
Yo:	0.8



