



Model: 31318T103J2/DB3

1

Basic size of
mm

d:	90
D:	190
T:	103

The basic rated load is
kN

trends C:	457
static state Co:	630
Fatigue load limit	73.5
Pu:	

Rated rotation speed is
r/min

Refer to the speed:	1900
limit speed:	3400
quality:	12.5
model:	31318T103J2/DB3 1

Dimensions are
mm

d:	90
d ₁ ~ :	138
C:	70
r _{1,2} the min:	4
r ₅ the min:	1
a:	124
C _b the min:	105

Shoulder gear and chamfer size
mm

d _b the max:	179
D _b the min:	16.5
r _a the max:	3
r _c the max:	1

Calculation coefficient

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