



Model: 72212/2/72487/2/

Q

Basic size of  
mm

d:	53.975
D:	123.825
T:	36.512

The basic rated load is  
kN

trends C:	147
static state Co:	180
Fatigue load limit Pu:	21.6

Rated rotation speed is  
r/min

Refer to the speed:	3800
limit speed:	5600
quality:	2.05
model:	72212/2/72487/2/ Q
series:	72000

Dimensions are  
mm

d:	53.975
d <sub>1</sub> ~ :	88.8
B:	32.791
C:	25.4
r <sub>1,2</sub> the min:	3.5
r <sub>3,4</sub> the min:	3.3
a:	36

Shoulder gear and chamfer size  
mm

d <sub>a</sub> the max:	68
d <sub>b</sub> the min:	65.5
Da the min:	93

Da the max: 113

Db the min: 114

Ca the min: 5

Cb the min: 11

$r_a$  the max: 3

$r_b$  the max: 3

#### Calculation coefficient

e: 0.75

Y: 0.8

Yo: 0.45