



Model: HM803149/2/110/2/QCL

7C

Basic size of  
mm

d:	44.45
D:	88.9
T:	30.162

The basic rated load is  
kN

trends C:	108
static state Co:	127
Fatigue load limit	14.6
Pu:	

Rated rotation speed is  
r/min

Refer to the speed:	6000
limit speed:	8000
quality:	1.5
model:	*HM803149/2/110/2/QCL 7C
series:	HM803100

Dimensions are  
mm

d:	44.45
d <sub>1</sub> ~ :	68.9
B:	29.37
C:	23.02
r <sub>1,2</sub> the min:	3.5
r <sub>3,4</sub> the min:	3.3
a:	26

Shoulder gear and chamfer size  
mm

d <sub>a</sub> the max:	53
d <sub>b</sub> the min:	55.5
D <sub>a</sub> the min:	70
D <sub>a</sub> the max:	78

Db the min:	84
Ca the min:	4
Cb the min:	7
r <sub>a</sub> the max:	3
r <sub>b</sub> the max:	3

Calculation coefficient

e:	0.54
:	1.1
Yo:	0.6