



Model: LM814849/2/810/2/

Q

Basic size of  
mm

d:	77.788
D:	117.475
T:	25.4

The basic rated load is  
kN

trends C:	116
static state Co:	163
Fatigue load limit	18.3
Pu:	

Rated rotation speed is  
r/min

Refer to the speed:	4300
limit speed:	5600
quality:	0.9
model:	*LM814849/2/810/2/ Q
series:	LM814800

Dimensions are  
mm

d:	77.788
d <sub>1</sub> ~ :	99
B:	25.4
C:	19.05
r <sub>1,2</sub> the min:	3.5
r <sub>3,4</sub> the min:	3.3
a:	28

Shoulder gear and chamfer size  
mm

d <sub>a</sub> the max:	87
d <sub>b</sub> the min:	89.5
Da the min:	104

Da the max: 106

Db the min: 113

Ca the min: 4

Cb the min: 6

$r_a$  the max: 3

$r_b$  the max: 3

#### Calculation coefficient

e: 0.52

Y: 1.15

Yo: 0.6