



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 Pu: 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

d₁ ~ : 99

B: 25.4

C: 19.05

r_{1,2} the min: 3.5

r_{3,4} the min: 3.3

a: 28

Shoulder gear and chamfer size

mm

d_a the max: 87

d_b 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