



Model: LM742749/710/VE17

4

Basic size of
mm

d:	215.9
D:	285.75
T:	46.038

The basic rated load is
kN

trends C:	380
static state Co:	850
Fatigue load limit	76.5
Pu:	

Rated rotation speed is
r/min

Refer to the speed:	1500
limit speed:	2200
quality:	7.9
model:	LM742749/710/VE17 4
series:	LM742700

Dimensions are
mm

d:	215.9
d ₁ ~ :	253
B:	46.038
C:	34.924
r _{1,2} the min:	3.5
r _{3,4} the min:	3.3
a:	60

Shoulder gear and chamfer size
mm

d _a the max:	230
d _b the min:	229
Da the min:	261
Da the max:	271

Db the min: 277

Ca the min: 7

Cb the min: 11

r_a the max: 3

r_b the max: 3

Calculation coefficient

e: 0.48

Y: 1.25

Yo: 0.7