

K-LM742747/K-LM742710**Dimensions and Parameters**

Designations	K-LM742747/K-LM742710
Series	LM742700

Boundary dimensions [mm]

d	216.408, 8.5200
D	285.75
T	46.038
d_1	253
B	49.212
C	34.925
$r_{1.2}$ min	3.5
$r_{3.4}$ min	3.3
a	60

Load ratings (KN)

Dynamic C_r	352
static C_{or}	780

Fatigue load

p_u	69.5
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Speed ratings [rpm]

油润滑	1000
grease	1500
Mass (kg)	7.85

Abutment and fillet

dimensions [mm]

d_a max	230
d_b min	232

Single Row Tapered Roller Bearings (Inch series)

Da min	261
Da max	270
Db min	277
Cb min	7
Ca min	11
ra max	3
rb max	3

Calculation factors

e	0.48
Y	1.25
Y0	0.7