

K-749A/K-742**Dimensions and Parameters**

Designations	K-749A/K-742
Series	745

Boundary dimensions[mm]

d	82.550,3.2500
D	150.089
T	44.45
d1	113
B	46.672
C	36.512
r1.2 min	3.5
r3.4 min	3.3
a	32

Load ratings(KN)

Dynmic Cr	286
stat Cor	405

Fatigue load

pu	46.5
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Speed ratings[rpm]

油润滑	2200
grease	3200
Mass(kg)	3.4

Abutment and fillet

dimensions[mm]

da max	95
db min	96
Da min	130

Single Row Tapered Roller Bearings (Inch series)

Da max	137
Db min	142
Cb min	8
Ca min	7.5
ra max	3
rb max	3

Calculation factors

e	0.33
Y	1.8
Y0	1