

K-07100SA/K-07210X**Dimensions and Parameters**

Designations	K-07100SA/K-07210X
Series	7000

Boundary dimensions [mm]

d	25.400,1.0000
D	50.8
T	15.011
d1	37.3
B	14.26
C	12.7
r1.2 min	3.3
r3.4 min	1.5
a	12

Load ratings (KN)

Dynmic Cr	28.1
stat Cor	30.5

Fatigue load

pu	3.2
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Speed ratings [rpm]

油润滑	7500
grease	10000
Mass(kg)	0.13

Abutment and fillet

dimensions [mm]

da max	31
db min	36
Da min	43

Single Row Tapered Roller Bearings (Inch series)

Da max	43.5
Db min	48
Cb min	2
Ca min	2
ra max	3
rb max	1

Calculation factors

e	0.4
Y	1.5
Y0	0.8