

K-HM88542/K-HM88510**Dimensions and Parameters**

Designations	K-HM88542/K-HM88510
Series	HM88500

Boundary dimensions [mm]

d	31.750, 1.2500
D	73.025
T	29.37
d1	56.9
B	27.783
C	23.02
r1.2 min	1.3
r3.4 min	3.3
a	23

Load ratings (KN)

Dynmic Cr	70.4
stat Cor	95

Fatigue load

pu	10.4
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Speed ratings [rpm]

油润滑	5000
grease	6700
Mass(kg)	0.62

Abutment and fillet

dimensions [mm]

da max	42
db min	39.5
Da min	55

Single Row Tapered Roller Bearings (Inch series)

Da max	61.5
Db min	69
Cb min	3
Ca min	6
ra max	1
rb max	3

Calculation factors

e	0.54
Y	1.1
Y0	0.6