

K-HM803149/K-M803110**Dimensions and Parameters**

Designations	K-HM803149/K-M803110
Series	HM803100

Boundary dimensions [mm]

d	44.450, 1.7500
D	88.9
T	30.162
d1	68.9
B	29.37
C	23.02
r1.2 min	3.5
r3.4 min	3.3
a	26

Load ratings (KN)

Dynmic Cr	95.2
stat Cor	127

Fatigue load

pu	14.6
----	------

Speed ratings [rpm]

油润滑	4300
grease	5600
Mass(kg)	0.85

Abutment and fillet

dimensions [mm]

da max	53
db min	56.5

Single Row Tapered Roller Bearings (Inch series)

Da min	70
Da max	77
Db min	84
Cb min	4
Ca min	7
ra max	3
rb max	3

Calculation factors

e	0.54
Y	1.1
Y0	0.6