

K-HM905843/K-HM905810**Dimensions and Parameters**

Designations	K-HM905843/K-HM905810
Series	HM905800

Boundary dimensions [mm]

d	44.988, 1.7712
D	104.986
T	32.512
d_1	82.3
B	31.75
C	23.368
$r_{1.2 \text{ min}}$	2.5
$r_{3.4 \text{ min}}$	0.8
a	34

Load ratings (KN)

Dynmic C_r	110
stat C_{or}	146

Fatigue load

p_u	17
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Speed ratings [rpm]

油润滑	3200
grease	4300
Mass (kg)	1.4

Abutment and fillet

dimensions [mm]

$d_a \text{ max}$	60
$d_b \text{ min}$	55.5

Single Row Tapered Roller Bearings (Inch series)

Da min	78
Da max	94.5
Db min	99
Cb min	4
Ca min	9
ra max	2
rb max	2

Calculation factors

e	0.79
Y	0.76
Y0	0.4