



## 44,45 mm x 88,9 mm x 29,37 mm NSK HM803149/HM803110 tapered roller bearings

Bearing No. HM803149/HM803110

HM803149/HM803110 Bearing 2D drawings and 3D CAD models

Size	44.45x88.9x30.162 mm
Bore Diameter	44,45 mm
Outer Diameter	88,9 mm
Width	30,162 mm
d	44,45 mm
D	88,9 mm
T	30,162 mm
B	29,37 mm
C	23,02 mm
ra1 max.	3,3 mm
a	25,6 mm
r min.	3,5 mm
r1 min.	3,3 mm
Da	74 mm
db	53 mm
ra max.	3,5 mm
da	62 mm
Db	85 mm
Weight	0,85 Kg
Basic dynamic load rating (C)	96,5 kN
Basic static load rating (C0)	129 kN
(Grease) Lubrication Speed	4000 r/min
(Oil) Lubrication Speed	5600 r/min
Calculation factor (e)	0,55
Calculation factor (Y0)	0,6



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LangID	1
ALP23	0
outer r	3.3
ALP22	0
D_	88.9
ALP21	40
SHOG_yobi	HM803149R/HM803110R
RAr	120.823
inner r	3.5
GRS rpm	4000
D_b	85
D_a	74
DE_	74.65
SLR	22.5
Prod_Type3	TRBSR_ID_A
BETA_	2
ALPHA_	20
SDM_	66.02
DA1	10.399
DA2	8.471
hidYobi	HM803149/HM803110
Y1	1.1
B_	29.37
Oil rpm	5600
hidTable	ecat_NSTPRI
Y0	0.6
inner ra	3.5
outer rb	3.3
C0	129
CUP	0.322
e	0.55
DA_	9.44



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BET21	4
BET22	56
BET23	0
Z_	18
C_	23.02
yobi	HM803149/HM803110
KBRG	3161
CONE	0.528
DI_	56.886