



AMERICAN BEARING MFG.CORP.



25 mm x 52 mm x 15 mm NSK HR30205C
tapered roller bearings

Bearing No. HR30205C

HR30205C Bearing 2D drawings and 3D CAD models

Size	25x52x16.25 mm
Bore Diameter	25 mm
Outer Diameter	52 mm
Width	16,25 mm
d	25 mm
D	52 mm
T	16,25 mm
B	15 mm
C	12 mm
a	14,4 mm
r min.	1 mm
r1 min.	1 mm
da min.	34 mm
Da min	43 mm
Da max.	46 mm
db max.	32 mm
Db min.	49,5 mm
ra max.	1 mm
rb max.	1 mm
Weight	0,155 Kg
Basic dynamic load rating (C)	28,1 kN
Basic static load rating (C0)	31,5 kN
(Grease) Lubrication Speed	9700 r/min
(Oil) Lubrication Speed	9500 r/min
Calculation factor (e)	0,53



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Calculation factor (Y0)	0,62
LangID	1
outer r	1
D_	52
TC-BET22	0
TC-BET21	5
TC-BET23	0
inner r	1
mass	0.155
GRS rpm	9700
D_b	49.5
Cr	2860
TC-RA	71.688
DE_	44.375
T-ALP23	0
db	32
T-ALP22	0
Prod_Type3	TRBSR_MD_A
da	34
T-ALP21	39
Iso	-
ALPHA_	19.5
SDM_	38.933
SBRG	2
D_a2	43
hidYobi	HR30205C
Y1	1.1
D_a1	46
B_	15
hidTable	ecat_NSTPRM
Oil rpm	9500
C0r	3200



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Y0	0.62
TC-SLR	9.5
inner ra	1
outer rb	1
C0	31.5
Sa	2
Sb	4
e	0.53
DA_	5.842
Z_	18
C_	12
yobi	HR30205C
TC-DA1	6.253
TC-DA2	5.43
KBRG	3111
DI_	33.491