



## Bearing Brasil Ltda.



HR30205J Bearing 2D drawings and 3D CAD models

Japan NSK tapered roller bearing HR30205J  
bearings 30205

Bearing No. HR30205J

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	13 mm
a	12,7 mm
r min.	1 mm
r1 min.	1 mm
da min.	34 mm
Da min	44 mm
Da max.	46 mm
db max.	31 mm
Db min.	48,5 mm
ra max.	1 mm
rb max.	1 mm
Weight	0,157 Kg
Basic dynamic load rating (C)	32 kN
Basic static load rating (C0)	35 kN
(Grease) Lubrication Speed	7100 r/min
(Oil) Lubrication Speed	10000 r/min
Calculation factor (e)	0,38



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Calculation factor (Y0)	0,88
Category	Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0
Product Group	B04334
LangID	1
outer r	1
D_	52
TC-BET22	0
TC-BET21	4
TC-BET23	0
inner r	1
mass	0.157
GRS rpm	7100
D_b	48.5
Cr	3300
TC-RA	97.148
DE_	44.385
T-ALP23	20
db	31
T-ALP22	4
Prod_Type3	TRBSR_MD_A
da	34
T-ALP21	28
Iso	3CC
ALPHA_	14.036
SDM_	38.237
SBRG	2
D_a2	44
hidYobi	HR30205J



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Y1	1.6
D_a1	46
B_	15
hidTable	ecat_NSTPRM
Oil rpm	10000
C0r	3550
Y0	0.88
TC-SLR	10
inner ra	1
outer rb	1
C0	35
Sa	2
Sb	3
e	0.38
DA_	6.434
Z_	17
C_	13
yobi	HR30205J
TC-DA1	6.78
TC-DA2	6.087
KBRG	3111
DI_	32.089