



Bearing Rolamentos do Brasil Ltda.



45 mm x 85 mm x 19 mm 22207H/HK Self-aligning Roller Bearing

Bearing No. HR30209J

HR30209J Bearing 2D drawings and 3D CAD models

Size	45x85x20.75 mm
Bore Diameter	45 mm
Outer Diameter	85 mm
Width	20,75 mm
d	45 mm
D	85 mm
T	20,75 mm
B	19 mm
C	16 mm
a	18,3 mm
r min.	1,5 mm
r1 min.	1,5 mm
da min.	56 mm
Da min	74 mm
Da max.	76 mm
db max.	53 mm
Db min.	80 mm
ra max.	1,5 mm
rb max.	1,5 mm
Weight	0,488 Kg
Basic dynamic load rating (C)	68,5 kN
Basic static load rating (C0)	79,5 kN
(Grease) Lubrication Speed	4300 r/min
(Oil) Lubrication Speed	6000 r/min
Calculation factor (e)	0,41



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Calculation factor (Y0)	0,81
Category	Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0
Product Group	B04334
LangID	1
outer r	1.5
D_	85
TC-BET22	0
TC-BET21	4
TC-BET23	0
inner r	1.5
mass	0.488
GRS rpm	4300
D_b	80
Cr	6950
TC-RA	150
DE_	74.76
T-ALP23	8
db	53
T-ALP22	13
Prod_Type3	TRBSR_MD_A
da	56
T-ALP21	30
Iso	3DB
ALPHA_	15.109
SDM_	65.049
SBRG	2
D_a2	74
hidYobi	HR30209J



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Y1	1.5
D_a1	76
B_	19
hidTable	ecat_NSTPRM
Oil rpm	6000
C0r	8100
Y0	0.81
TC-SLR	12.7
inner ra	1.5
outer rb	1.5
C0	79.5
Sa	3
Sb	4.5
e	0.41
DA_	10.029
Z_	19
C_	16
yobi	HR30209J
TC-DA1	10.469
TC-DA2	9.589
KBRG	3111
DI_	55.337