



### Bearing No. HR31309J

a	31,5 mm
e	0.83
d	45 mm
D	100 mm
T	27,25 mm
B	25 mm
C	18 mm
B_	25
da	61
Y0	0.4
C0	109
D_	100
Sb	9
Sa	3
db	57
Z_	16
Y1	0.73
C_	18
Cr	9750
DE_	85.007
Iso	7FB
DI_	60.624
C0r	11100
DA_	12.975
D_b	96
D_a2	79
SBRG	3
SDM_	72.816
D_a1	91
yobi	HR31309J

KBRG	3111
mass	0.947
TC-RA	96.197
r min.	2 mm
LangID	1
TC-DA2	11.696
Da min	79 mm
TC-SLR	17.5
ALPHA_	28.811
TC-DA1	14.254
Weight	0,947 Kg
T-ALP22	37
da min.	61 mm
r1 min.	1,5 mm
T-ALP21	57
db max.	57 mm
hidYobi	HR31309J
rb max.	1,5 mm
T-ALP23	18
Da max.	91 mm
Oil rpm	4800
GRS rpm	3400
ra max.	2 mm
inner r	2
Db min.	96 mm
outer r	1.5
inner ra	2
hidTable	ecat_NSTPRM
outer rb	1.5
Category	Roller Bearings
TC-BET23	0
TC-BET21	8

TC-BET22	30
Inventory	0.0
Size (mm)	45x100x27.25
Prod_Type3	TRBSR_MD_A
Width (mm)	27,25
Product Group	B04334
Bearing number	HR31309J
Weight / Kilogram	0
Manufacturer Name	NSK
Bore Diameter (mm)	45
Outer Diameter (mm)	100
Minimum Buy Quantity	N/A
Calculation factor (e)	0,83
(Oil) Lubrication Speed	4800 r/min
Calculation factor (Y0)	0,4
(Grease) Lubrication Speed	3400 r/min
Basic dynamic load rating (C)	95,5 kN
Basic static load rating (C0)	109 kN