



Bearing No. HR32309J

Size	45x100x38.25 mm
Bore Diameter	45 mm
Outer Diameter	100 mm
Width	38,25 mm
d	45 mm
D	100 mm
T	38,25 mm
B	36 mm
C	30 mm
a	25 mm
r min.	2 mm
r1 min.	1,5 mm
da min.	59 mm
Da min	82 mm
Da max.	91 mm
db max.	56 mm
Db min.	93 mm
ra max.	2 mm
rb max.	1,5 mm
Weight	1,42 Kg
Basic dynamic load rating (C)	144 kN
Basic static load rating (C0)	177 kN
(Grease) Lubrication Speed	3800 r/min
(Oil) Lubrication Speed	5300 r/min
Calculation factor (e)	0,35
Calculation factor (Y0)	0,96
LangID	1
outer r	1.5

D_	100
CAD	<a href="http://service.web2cad.co.jp/pcom/?Maker=NSK_RB&amp;info=nsk_rb/roller_bearings/tapered_rb/single_row_trb/metric_design_asmtab.prj&amp;varset={STAN=Standard},{ORDER=HR32309J},{SD=45},{D=100},{T=38.25},{B=36.0},{C=30.0},{R=2.0},{R1=1.5},{CR1=144000},{COR1=177000},{CR2=14700},{COR2=18000},{LG=3800},{LO=5300},{ISO=2FD},{DA1=59},{DB1=56},{DA2=91},{DA3=82},{DB2=93.0},{SA=3.0},{SB=8.0},{RA=2.0},{RA1=1.5},{A=25.0},{E=0.35},{Y1=1.70},{Y0=0.96},{MASS=1.420}">http://service.web2cad.co.jp/pcom/?Maker=NSK_RB&amp;info=nsk_rb/roller_bearings/tapered_rb/single_row_trb/metric_design_asmtab.prj&amp;varset={STAN=Standard},{ORDER=HR32309J},{SD=45},{D=100},{T=38.25},{B=36.0},{C=30.0},{R=2.0},{R1=1.5},{CR1=144000},{COR1=177000},{CR2=14700},{COR2=18000},{LG=3800},{LO=5300},{ISO=2FD},{DA1=59},{DB1=56},{DA2=91},{DA3=82},{DB2=93.0},{SA=3.0},{SB=8.0},{RA=2.0},{RA1=1.5},{A=25.0},{E=0.35},{Y1=1.70},{Y0=0.96},{MASS=1.420}</a>
TC-BET22	0
TC-BET21	4
TC-BET23	0
inner r	2
mass	1.42
GRS rpm	3800
D_b	93
Cr	14700
TC-RA	202.838
DE_	85.23
T-ALP23	20
db	56
T-ALP22	54
Prod_Type3	TRBSR_MD_A
da	59
T-ALP21	25

Iso	2FD
ALPHA_	12.953
SDM_	72.219
SBRG	23
calcUrl	/BearingGuide/html/calculation.jsp
D_a2	82
hidYobi	HR32309J
Y1	1.7
D_a1	91
B_	36
hidTable	ecat_NSTPRM
Oil rpm	5300
C0r	18000
Y0	0.96
TC-SLR	25
inner ra	2
outer rb	1.5
C0	177
Sa	3
Sb	8
e	0.35
DA_	13.289
Z_	16
C_	30
yobi	HR32309J
TC-DA1	14.157
TC-DA2	12.421
KBRG	3111
DI_	59.207