



# AMERICAN BEARING MFG.CORP.



## HR32222J NSK CYLINDRICAL ROLLER BEARING

Bearing No. HR32222J

Size	110x200x56 mm
Bore Diameter	110 mm
Outer Diameter	200 mm
Width	56 mm
d	110 mm
D	200 mm
T	56 mm
B	53 mm
C	46 mm
a	47,2 mm
r min.	3 mm
r1 min.	2,5 mm
da min.	128 mm
Da min	171 mm
Da max.	188 mm
db max.	127 mm
Db min.	190 mm
ra max.	2,5 mm
rb max.	2 mm
Weight	7,35 Kg
Basic dynamic load rating (C)	400 kN
Basic static load rating (C0)	565 kN
(Grease) Lubrication Speed	1800 r/min
(Oil) Lubrication Speed	2400 r/min
Calculation factor (e)	0,42

HR32222J Bearing 2D drawings and 3D CAD models



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Calculation factor (Y0)	0,79
LangID	1
outer r	2.5
D_	200
TC-BET22	0
TC-BET21	4
TC-BET23	0
inner r	3
mass	7.35
GRS rpm	1800
D_b	190
Cr	40500
TC-RA	346.5
DE_	176.902
T-ALP23	4
db	127
T-ALP22	17
Prod_Type3	TRBSR_MD_A
da	128
T-ALP21	31
Iso	3FC
ALPHA_	15.643
SDM_	154.492
SBRG	22
D_a2	171
hidYobi	HR32222J
Y1	1.4
D_a1	188
B_	53
hidTable	ecat_NSTPRM
Oil rpm	2400
C0r	57500



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Y0	0.79
TC-SLR	38
inner ra	2.5
outer rb	2
C0	565
Sa	5
Sb	10
e	0.42
DA_	22.865
Z_	19
C_	46
yobi	HR32222J
TC-DA1	24.184
TC-DA2	21.546
KBRG	3111
DI_	132.082