



**NSK 528/522 tapered roller bearings**

Bearing No. 528/522

Size	47.625x101.6x34.925 mm
Bore Diameter	47,625 mm
Outer Diameter	101,6 mm
Width	34,925 mm
d	47,625 mm
D	101,6 mm
T	34,925 mm
B	36,068 mm
C	26,988 mm
ra1 max.	3,3 mm
a	22,1 mm
r min.	3,5 mm
r1 min.	3,3 mm
Da	89 mm
db	55 mm
ra max.	3,5 mm
da	62 mm
Db	95 mm
Weight	1,31 Kg
Basic dynamic load rating (C)	137 kN
Basic static load rating (C0)	169 kN
(Grease) Lubrication Speed	3800 r/min
(Oil) Lubrication Speed	5000 r/min
Calculation factor (e)	0,29
Calculation factor (Y0)	1,2
LangID	1

528/522 Bearing 2D drawings and 3D CAD models



## TZR? Bearing Machine Development Co.,...

ALP23	0
outer r	3.3
ALP22	32
D_	101.6
ALP21	21
SHOG_yobi	528R/522R
RAr	248.844
inner r	3.5
GRS rpm	3800
D_b	95
D_a	89
DE_	88.158
SLR	25.25
Prod_Type3	TRBSR_ID_A
BETA_	1
ALPHA_	10.767
SDM_	75.398
DA1	13.751
DA2	12.361
hidYobi	528/522
Y1	2.1
B_	36.068
Oil rpm	5000
hidTable	ecat_NSTPRI
Y0	1.2
inner ra	3.5
outer rb	3.3
C0	169
CUP	0.416
e	0.29
DA_	13.059
BET21	3



## TZR? Bearing Machine Development Co.,...

BET22	10
BET23	0
Z_	15
C_	26.988
yobi	528/522
KBRG	3161
CONE	0.894
DI_	62.445