

# 12168/12303 NSK Y0 0.65

## 42.862×76.992×17.462mm

### Tapered roller bearings

Bearing number	12168/12303
Size (mm)	42.862×76.992×17.462
Brand	NSK
Bore Diameter (mm)	42.862
Outer Diameter (mm)	76.992
Width (mm)	17.462
d	42.862 mm
D	76.992 mm
T	17.462 mm
B	17.145 mm
C	11.908 mm
ra1 max.	1.5 mm
a	17.7 mm
r min.	1.5 mm
r1 min.	1.5 mm
Da	68 mm
db	48.5 mm
ra max.	1.5 mm
da	51 mm
Db	73 mm
Weight	0.326 Kg
Basic dynamic load rating (C)	44 kN

Basic static load rating (C0)	54 kN
(Grease) Lubrication Speed	4500 r/min
(Oil) Lubrication Speed	6000 r/min
Calculation factor (e)	0.51
Calculation factor (Y0)	0.65
LangID	1
ALP23	0
outer r	1.5
ALP22	16
D_	76.992
ALP21	37
SHOG_yobi	12168R/12303R
RAr	111.502
inner r	1.5
GRS rpm	4500
D_b	73
D_a	68
DE_	67.525
SLR	11
Prod_Type3	TRBSR_ID_A
BETA_	2
ALPHA_	18.633
SDM_	60.685
calcUrl	/BearingGuide/html/calculation.jsp
DA1	7.782
DA2	7.019
hidYobi	12168/12303
Y1	1.2

B_	17.145
Oil rpm	6000
hidTable	ecat_NSTPRI
Y0	0.65
inner ra	1.5
outer rb	1.5
C0	54
CUP	0.098
e	0.51
DA_	7.403
BET21	4
BET22	0
BET23	0
Z_	20
C_	11.908
yobi	12168/12303
KBRG	3161
CONE	0.228
DI_	53.513