



NTN Machinery Manufacturing Co., Ltd



42,875 mm x 83,058 mm x 25,4 mm NSK
25577/25521 tapered roller bearings

Bearing No. 25577/25521

25577/25521 Bearing 2D drawings and 3D CAD models

Size	42.875x83.058x23.812 mm
Bore Diameter	42,875 mm
Outer Diameter	83,058 mm
Width	23,812 mm
d	42,875 mm
D	83,058 mm
T	23,812 mm
B	25,4 mm
C	19,05 mm
ra1 max.	3,3 mm
a	17,6 mm
r min.	3,5 mm
r1 min.	3,3 mm
Da	72 mm
db	49 mm
ra max.	3,5 mm
da	55 mm
Db	77 mm
Weight	0,582 Kg
Basic dynamic load rating (C)	76,5 kN
Basic static load rating (C0)	99 kN
(Grease) Lubrication Speed	4500 r/min
(Oil) Lubrication Speed	6000 r/min
Calculation factor (e)	0,33
Calculation factor (Y0)	0,99



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LangID	1
ALP23	0
outer r	3.3
ALP22	10
D_	83.058
ALP21	25
SHOG_yobi	25577R/25521R
RAr	173.558
inner r	3.5
GRS rpm	4500
D_b	77
D_a	72
DE_	71.678
SLR	18
Prod_Type3	TRBSR_ID_A
BETA_	1
ALPHA_	12.583
SDM_	63.127
DA1	9.237
DA2	8.283
hidYobi	25577/25521
Y1	1.8
B_	25.4
Oil rpm	6000
hidTable	ecat_NSTPRI
Y0	0.99
inner ra	3.5
outer rb	3.3
C0	99
CUP	0.201
e	0.33
DA_	8.762



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BET21	3
BET22	3
BET23	0
Z_	18
C_	19.05
yobi	25577/25521
KBRG	3161
CONE	0.381
DI_	54.477