



Timken BEARINGS INDUSTRY



41,275 mm x 85,725 mm x 30,162 mm NSK
3877/3820 tapered roller bearings

Bearing No. 3877/3820

3877/3820 Bearing 2D drawings and 3D CAD models

Size	41.275x85.725x30.162 mm
Bore Diameter	41,275 mm
Outer Diameter	85,725 mm
Width	30,162 mm
d	41,275 mm
D	85,725 mm
T	30,162 mm
B	30,162 mm
C	23,812 mm
ra1 max.	3,3 mm
a	21,8 mm
r min.	3,5 mm
r1 min.	3,3 mm
Da	73 mm
db	50 mm
ra max.	3,5 mm
da	57 mm
Db	81 mm
Weight	0,791 Kg
Basic dynamic load rating (C)	91 kN
Basic static load rating (C0)	115 kN
(Grease) Lubrication Speed	4300 r/min
(Oil) Lubrication Speed	6000 r/min
Calculation factor (e)	0,4
Calculation factor (Y0)	0,82



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LangID	1
ALP23	0
outer r	3.3
ALP22	0
D_	85.725
ALP21	30
SHOG_yobi	3877R/3820R
RAr	152.135
inner r	3.5
GRS rpm	4300
D_b	81
D_a	73
DE_	73.169
SLR	21.3
Prod_Type3	TRBSR_ID_A
BETA_	2
ALPHA_	15
SDM_	63.654
DA1	10.618
DA2	9.138
hidYobi	3877/3820
Y1	1.5
B_	30.162
Oil rpm	6000
hidTable	ecat_NSTPRI
Y0	0.82
inner ra	3.5
outer rb	3.3
C0	115
CUP	0.285
e	0.4
DA_	9.882



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BET21	4
BET22	0
BET23	0
Z_	16
C_	23.812
yobi	3877/3820
KBRG	3161
CONE	0.506
DI_	53.948