



# IJK BEARING COMPANY



85,725 mm x 146,05 mm x 41,275 mm NSK  
665A/653 tapered roller bearings

Bearing No. 665A/653

665A/653 Bearing 2D drawings and 3D CAD models

Size	85.725x146.05x41.275 mm
Bore Diameter	85,725 mm
Outer Diameter	146,05 mm
Width	41,275 mm
d	85,725 mm
D	146,05 mm
T	41,275 mm
B	41,275 mm
C	31,75 mm
ra1 max.	3,3 mm
a	33,2 mm
r min.	6,4 mm
r1 min.	3,3 mm
Da	131 mm
db	95 mm
ra max.	6,4 mm
da	107 mm
Db	139 mm
Weight	2,601 Kg
Basic dynamic load rating (C)	207 kN
Basic static load rating (C0)	296 kN
(Grease) Lubrication Speed	2400 r/min
(Oil) Lubrication Speed	3200 r/min
Calculation factor (e)	0,41
Calculation factor (Y0)	0,81



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LangID	1
ALP23	0
outer r	3.3
ALP22	30
D_	146.05
ALP21	30
SHOG_yobi	665AR/653R
RAr	259.404
inner r	6.4
GRS rpm	2400
D_b	139
D_a	131
DE_	129.231
SLR	28
Prod_Type3	TRBSR_ID_A
BETA_	1
ALPHA_	15.25
SDM_	114.577
DA1	15.843
DA2	14.14
hidYobi	665A/653
Y1	1.5
B_	41.275
Oil rpm	3200
hidTable	ecat_NSTPRI
Y0	0.81
inner ra	6.4
outer rb	3.3
C0	296
CUP	0.891
e	0.41
DA_	14.996



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BET21	3
BET22	30
BET23	0
Z_	20
C_	31.75
yobi	665A/653
KBRG	3161
CONE	1.71
DI_	99.894