

Technical data

32022XU

Single row tapered roller bearings

Tapered roller bearing, pressed steel cage



VISUAL (S)



PRODUCT DEFINITION	
Brand	NTN
d - Internal diameter	110 mm
D - External diameter	170 mm
B - Bearing/Inner ring width	38 mm
C - Outer ring width	29 mm
T - Total width	38 mm
a - Charge load application point	36,5 mm
rs - Min fillet radius	2 mm
r1s - Min fillet radius	2 mm
Mass	3,07 kg
ISO 355 reference	T4DC110

PRODUCT PERFORMANCE	
C - Dynamic load	261000000 mN
C0 - Static load	390000000 mN
Cu - Fatigue limit load	43000000 mN
A2 - Rating life coefficient	1
e - Coefficient	0.43
Y0 - Static axial load coefficient	0.77
Y2 - Upper axial load coefficient	1.39
N lim - Oil lubrication limit speed	16200 °/s
N lim - Grease lubrication limit speed	12000 °/s
Tmin - Min operating temperature	233,15 °K
Tmax - Max operating temperature	393,15 °K



ABUTMENT	
da max - Max shoulder diameter IR	122 mm
db min - Min IR shoulder diameter	122 mm
Da max - Max shoulder diameter OR	160 mm
Db min - Min OR shoulder diameter	163 mm
ra max - Max fillet radius	2 mm
r1a - Max fillet radius	2 mm

OE EQUIVALENTS	
Manufacturer	Part number
Kassbohrer	6.691.450.000
Scania	362226

AUTOMOTIVE COMPATIBILITY					
Brand	Model	Generation	Date	Location	Position
Scania	2 - series	2 - series	05/1980 => 08/1991		Front
Scania	3 - series	3 - series	01/1988 => 12/1996		Front



INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$P = X.F_r + Y.F_a$

$F_a / F_r \leq e$		$F_a / F_r > e$	
X	Y	X	Y
1	0	0.4	Y2

Equivalent static radial load

$P_0 = X_0.F_r + Y_0.F_a$

X_0	Y_0
0.5	Y0

If $P_0 \leq F_r$, then use $P_0 = F_r$

The values for e, Y2 and Y0 are shown in the above table

