



BEARING DRIVESHAFT, INC.

50,8 mm x 123,825 mm x 36,678 mm NTN
4T-555/552A tapered roller bearings



Bearing No. 4T-555/552A

4T-555/552A Bearing 2D drawings and 3D CAD models

Size	50.8x123.825x38.1 mm
Bore Diameter	50,8 mm
Outer Diameter	123,825 mm
Width	38,1 mm
d	50,8 mm
D	123,825 mm
T	38,1 mm
B	36,678 mm
C	30,162 mm
ra1 max.	3,3 mm
a	9,4 mm
Da	109 mm
db	62 mm
ra max.	2,3 mm
da	66 mm
Db	116 mm
Weight	2,34 Kg
Basic dynamic load rating (C)	158 kN
Basic static load rating (C0)	216 kN
(Grease) Lubrication Speed	3 000 r/min
(Oil) Lubrication Speed	4 100 r/min
Calculation factor (e)	0,35
Calculation factor (Y0)	0,95
d1	92.5 mm
e	0.35



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Y2	1.73
Y0	0.95
Mass	2.34 kg
Dynamic load, C	158 kN
Rating life coefficient, A2	1.4
Static load, C0	216 kN
Fatigue limit load, Cu	26.3 kN
Nlim (oil)	4,100 rpm
Nlim (grease)	3,000 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.04 Hz
Characteristic outer ring frequency, BPF0	8.21 Hz
Characteristic inner ring frequency, BPF1	10.79 Hz
ra max	2.3 mm
r1a max	3.3 mm