



Shanghai Ruonan-Power Co., Ltd.

107,95 mm x 158,75 mm x 21,438 mm NTN 4T-37425/37625 tapered roller bearings



Bearing No. 4T-37425/37625

4T-37425/37625 Bearing 2D drawings and 3D CAD models

Size	107.95x158.75x23.02 mm
Bore Diameter	107,95 mm
Outer Diameter	158,75 mm
Width	23,02 mm
d	107,95 mm
D	158,75 mm
T	23,02 mm
B	21,438 mm
C	15,875 mm
ra1 max.	3,3 mm
a -	14 mm
Da	143 mm
db	115 mm
ra max.	3,5 mm
da	122 mm
Db	152 mm
Weight	1,37 Kg
Basic dynamic load rating (C)	102 kN
Basic static load rating (C0)	166 kN
(Grease) Lubrication Speed	2 100 r/min
(Oil) Lubrication Speed	2 800 r/min
Calculation factor (e)	0,61
Calculation factor (Y0)	0,54
d1	133 mm
a	37.02 mm



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e	0.61
Y2	0.99
Y0	0.54
Mass	1.37 kg
Dynamic load, C	102 kN
Rating life coefficient, A2	1.4
Static load, C0	166 kN
Fatigue limit load, Cu	18.6 kN
Nlim (oil)	2,800 rpm
Nlim (grease)	2,100 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	12.73 Hz
Characteristic outer ring frequency, BPF0	14.84 Hz
Characteristic inner ring frequency, BPF1	17.16 Hz
ra max	3.5 mm
r1a max	3.3 mm