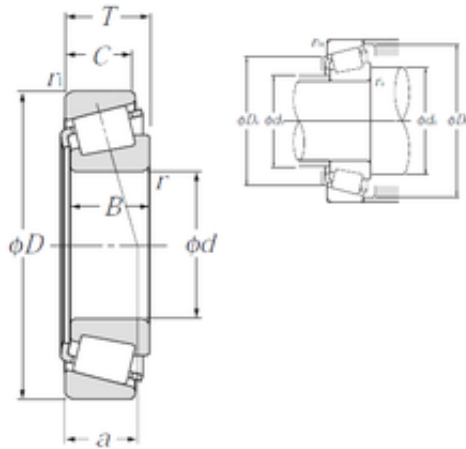




KIA Roller Industry Co.,Ltd

NTN 4T-HM88542/HM88510 tapered roller bearings

Bearing No. 4T-HM88542/HM88510



4T-HM88542/HM88510 Bearing 2D drawings and 3D CAD models

Size	31.75x73.025x29.37 mm
Bore Diameter	31,75 mm
Outer Diameter	73,025 mm
Width	29,37 mm
d	31,75 mm
D	73,025 mm
T	29,37 mm
B	27,783 mm
C	23,02 mm
ra1 max.	3,3 mm
a	6 mm
Da	59 mm
db	42,5 mm
ra max.	1,3 mm
da	45,5 mm
Db	70 mm
Weight	0,622 Kg
Basic dynamic load rating (C)	72 kN
Basic static load rating (C0)	97 kN
(Grease) Lubrication Speed	5 400 r/min
(Oil) Lubrication Speed	7 100 r/min
Calculation factor (e)	0,55
Calculation factor (Y0)	0,6
d1	56.5 mm
e	0.55



KIA Roller Industry Co.,Ltd

Y2	1.1
Y0	0.6
Mass	0.62 kg
Dynamic load, C	72 kN
Rating life coefficient, A2	1.4
Static load, C0	97 kN
Fatigue limit load, Cu	11.8 kN
Nlim (oil)	7,100 rpm
Nlim (grease)	5,400 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	6.92 Hz
Characteristic outer ring frequency, BPF0	7.8 Hz
Characteristic inner ring frequency, BPF1	10.2 Hz
ra max	1.3 mm
r1a max	3.3 mm
Category	Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.617
Product Group	B04334