

# AST AST40 7050 plain bearings

AST AST40 7050 plain bearings Product Brochures ,  
Manufacturing Service . Get Your Free. 22.225×57.15×22.225  
Size (mm) 57,15 Outer Diameter (mm)

Size (mm)	22.225×57.15×22.225
Bore Diameter (mm)	22,225
Outer Diameter (mm)	57,15
Width (mm)	22,225
d	22,225 mm
D	57,15 mm
T	22,225 mm
B	22,225 mm
C	17,462 mm
ra1 max.	1,5 mm
a	7,1 mm
Da	49 mm
db	29 mm
ra max.	0,8 mm
da	29,5 mm
Db	52 mm
Weight	0,286 Kg
Basic dynamic load rating (C)	47 kN
Basic static load rating (C0)	49,5 kN
(Grease) Lubrication Speed	7 100 r/min
(Oil) Lubrication Speed	9 500 r/min
Calculation factor (e)	0,35
Calculation factor (Y0)	0,95

d1	39.5 mm
e	0.35
Y2	1.73
Y0	0.95
Mass	0.29 kg
Dynamic load, C	47 kN
Rating life coefficient, A2	1.4
Static load, C0	49.5 kN
Fatigue limit load, Cu	6 kN
Nlim (oil)	9,500 rpm
Nlim (grease)	7,100 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.81 Hz
Characteristic outer ring frequency, BPF0	5.23 Hz
Characteristic inner ring frequency, BRFI	7.77 Hz
ra max	0.8 mm
rla max	1.5 mm
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.294
Product Group	B04334