

# NTN SAR1-50SS plain bearings

NTN SAR1-50SS plain bearings Engineering Calculator , Manufacturing Service . Get Your 1420x1000x412 Size (mm) 1000 Outer Diameter (mm) Free.

Size (mm)	1420x1000x412
Bore Diameter (mm)	1420
Outer Diameter (mm)	1000
Width (mm)	412
d	1000 mm
D	1420 mm
B	412 mm
d2	1136 mm
D1	1278 mm
b	22.3 mm
K	12 mm
r1,2 – min.	7.5 mm
da – min.	1016 mm
Da – max.	1392 mm
ra – max.	6 mm
Basic dynamic load rating – C	18592 kN
Basic static load rating – C0	40500 kN
Fatigue load limit – Pu	2240 kN
Reference speed	160 r/min
Limiting speed	280 r/min
Calculation factor – e	0.26
Calculation factor – Y1	2.6
Calculation factor – Y2	3.9

Calculation factor – Y0	2.5
d2 ≈	1136 mm
D1 ≈	1278 mm
r1,2 min.	7.5 mm
Da max.	1392 mm
ra max.	6 mm
Basic dynamic load rating C	18592 kN
Basic static load rating C0	40500 kN
Fatigue load limit Pu	2240 kN
Calculation factor e	0.26
Calculation factor Y1	2.6
Calculation factor Y2	3.9
Calculation factor Y0	2.5
Mass bearing	2105 kg