

# AST AST11 1610 plain bearings

Our highly-skilled and factory-trained 9 mm B service experts 10 mm d have the resources to help you with all your AST AST11 1610 plain bearings needs – including routine maintenance, major 30 mm D repairs, warranty service, and equipment inspections.

d	10 mm
D	30 mm
B	9 mm
a min	1.9 mm
a max	2.06 mm
Ca min	2.92 mm
Ca max	3.18 mm
rs min	0.6 mm
rNs min	0.5 mm
D3 max	28.17 mm
b min	1.35 mm
b max	1.65 mm
r0 max	0.4 mm
D4 max	34.7 mm
f	1.12 mm
Snap ring reference	R30
Radial clearance class	CN
Mass	0.03 kg
Dynamic load, C	5.1 kN
Static load, C0	2.39 kN
Fatigue limit load, Cu	0.11 kN
f0	13.2

Nlim (grease)	18,000 rpm
Min operating temperature, Tmin	-25 °C
Max operating temperature, Tmax	110 °C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic rolling element frequency, BSF	4.07 Hz
Characteristic outer ring frequency, BPF0	3.07 Hz
Characteristic inner ring frequency, BRFI	4.93 Hz
da min	14 mm
da max	16 mm
Da max	26 mm
ra max	0.6 mm
rNa max	0.5 mm
Db min	35.5 mm