

# AST AST11 WC62 plain bearings

AST AST11 WC62 plain bearings Needs 120x65x31 Size (mm)  
Analysis 120 Bore Diameter (mm) , Manufacturing Service . Get  
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Size (mm)	120x65x31
Bore Diameter (mm)	120
Outer Diameter (mm)	65
Width (mm)	31
d	65 mm
D	120 mm
B	31 mm
d1	84.4 mm
D1	103.9 mm
F	78.5 mm
r1,2 – min.	1.5 mm
r3,4 – min.	1.5 mm
s	1.9 mm
da – min.	74 mm
da – max.	76 mm
db – min.	87 mm
Da – max.	110.6 mm
ra – max.	1.5 mm
Basic dynamic load rating – C	170 kN
Basic static load rating – C0	180 kN
Fatigue load limit – Pu	24 kN
Reference speed	6300 r/min
Limiting speed	10000 r/min

Calculation factor – kr	0.3
d1 ≈	84.4 mm
D1 ≈	103.9 mm
r1,2 min.	1.5 mm
r3,4 min.	1.5 mm
s max.	1.9 mm
da min.	74 mm
da max.	76 mm
db min.	87 mm
Da max.	110.6 mm
ra max.	1.5 mm
Basic dynamic load rating C	170 kN
Basic static load rating C0	180 kN
Fatigue load limit Pu	24 kN
Calculation factor kr	0.3
Limiting value e	0.3
Axial load factor Y	0.4
Mass bearing	1.59 kg
Angle ring	HJ 2213 EC