

AST AST850BM 15080 plain bearings

Welcome to the AST AST850BM 15080 plain bearings 47 Bore Diameter (mm) online 20 Outer Diameter (mm) seller. 47x20x14 Size (mm)

Size (mm)	47x20x14
Bore Diameter (mm)	47
Outer Diameter (mm)	20
Width (mm)	14
d	20 mm
D	47 mm
B	14 mm
d1	30.8 mm
d2	25.87 mm
D1	37 mm
a	21 mm
r1,2 – min.	1 mm
r3,4 – min.	0.6 mm
da – min.	25.6 mm
Da – max.	41.4 mm
Db – max.	42.8 mm
ra – max.	1 mm
rb – max.	0.6 mm
Basic dynamic load rating – C	14.3 kN
Basic static load rating – C0	8.2 kN
Fatigue load limit – Pu	0.345 kN
Reference speed	19000 r/min

Limiting speed	19000 r/min
Calculation factor – kr	0.095
Calculation factor – ka	1.4
Calculation factor – e	1.14
Calculation factor – X	0.35
Calculation factor – Y0	0.26
Calculation factor – Y1	0.55
Calculation factor – Y2	0.57
d1 ≈	30.8 mm
d2 ≈	25.87 mm
D1 ≈	37 mm
r1,2 min.	1 mm
r3,4 min.	0.6 mm
da min.	25.6 mm
Da max.	41.4 mm
Db max.	42.8 mm
ra max.	1 mm
rb max.	0.6 mm
Basic dynamic load rating C	14.3 kN
Basic static load rating C0	8.15 kN
Fatigue load limit Pu	0.345 kN
Calculation factor A	0.00113
Calculation factor kr	0.095
Calculation factor e	1.14
Calculation factor X	0.57
Calculation factor Y0	0.52
Calculation factor Y2	0.93
Calculation factor Y1	0.55
Mass bearing	0.11 kg