



NTN Machinery Manufacturing Co., Ltd



AST AST850SM 1820 plain bearings

Bearing No. AST850SM 1820

AST850SM 1820 Bearing 2D drawings and 3D CAD models

Bore Diameter	18 mm
Outer Diameter	20 mm
Bearing Type	metal with bronze and graphite
Shaft Dia., Nominal (d)	18.0000
Shaft Size (ds) - 18 +0 / -0.027	18 +0 / 0.027
Housing Bore Dia. (Dh) - 20 +0.021 / -0	20 +0.021 / 0
Bearing Outside Diameter, Nominal(Do)	20.000
Bearing Bore after Mounting (di)	18 +0.151 / +0.010
Average Clearance (Cd)	0.0930
Wall Thickness (S3)	0.965
Bearing Length, Nominal (B)	20.000
Bearing Length Tolerance (B tol.) - +0 / -0.40	+0 / 0.40
OD Chamfer Length (Co)	0.600
ID Chamfer Angle (B deg.)	35
ID Chamfer Length (Ci)	0.300