



Bearing No. BTM 60 ATN9/HCP4CDB

D	95 mm
d	60 mm
H	33 mm
Size (mm)	60x95x33
Width (mm)	33
Mass bearing	0.8 kg
d <sub>n</sub>	73.8 mm
d <sub>n</sub>	73.8 mm
D <sub>1</sub>	86.1 mm
d <sub>1</sub>	75.9 mm
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d <sub>1</sub>	75.9 mm
Bearing number	BTM 60 ATN9/HCP4CDB
Preload class A	200 N
G <sub>ref</sub>	7.8 cm
Preload class B	600 N
Bore Diameter (mm)	60
r <sub>b</sub> max.	0.6 mm
r <sub>a</sub> max.	1 mm
D <sub>a</sub> max.	91.8 mm
d <sub>a</sub> min.	66 mm
Outer Diameter (mm)	95
r <sub>3,4</sub> min.	0.6 mm
r <sub>a</sub> - max.	1 mm
D <sub>a</sub> - max.	91.8 mm
r <sub>1,2</sub> min.	1.1 mm
d <sub>a</sub> - min.	66 mm
r <sub>b</sub> - max.	0.6 mm
r <sub>3,4</sub> - min.	0.6 mm

$r_{1,2}$ - min.	1.1 mm
Basic dynamic load rating C	21.6 kN
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Fatigue load limit $P_u$	1.86 kN
Fatigue load limit - $P_u$	1.9 kN
Limiting speed for oil lubrication	15200 mm/min
Static axial stiffness for preload A	218 N/ $\mu$ m
Static axial stiffness for preload B	328 N/ $\mu$ m
Limiting speed for grease lubrication	12700 r/min
Static Axial rigidity, Preload class A	218 N/micron
Basic static load rating $C_0$	43 kN
Static Axial rigidity, Preload class B	328 N/micron
Attainable speed for grease lubrication	12700 r/min
Basic static load rating - $C_0$	43 kN
Attainable speed for oil-air lubrication	15200 r/min
Reference grease quantity $G_{ref}$	7.8 cm <sup>3</sup>