



Bearing No. BTM 110 BTN9/HCP4CDB

D	170 mm
d	110 mm
H	54 mm
Size (mm)	110x170x54
Width (mm)	54
Mass bearing	3.95 kg
d _n	134.1 mm
d _n	134.1 mm
D ₁	155 mm
d ₁	137.9 mm
D ₁	155 mm
d ₁	137.9 mm
Bearing number	BTM 110 BTN9/HCP4CDB
Preload class A	750 N
G _{ref}	38 cm
Preload class B	2250 N
Bore Diameter (mm)	110
r _b max.	1 mm
r _a max.	2 mm
D _a max.	165 mm
d _a min.	119 mm
Outer Diameter (mm)	170
r _{3,4} min.	1 mm
r _a - max.	2 mm
D _a - max.	165 mm
r _{1,2} min.	2 mm
d _a - min.	119 mm
r _b - max.	1 mm
r _{3,4} - min.	1 mm

$r_{1,2}$ - min.	2 mm
Basic dynamic load rating C	65.5 kN
Basic dynamic load rating - C	65.5 kN
Fatigue load limit P_u	5.5 kN
Fatigue load limit - P_u	5.5 kN
Limiting speed for oil lubrication	7300 mm/min
Static axial stiffness for preload A	656 N/ μ m
Static axial stiffness for preload B	983 N/ μ m
Limiting speed for grease lubrication	6100 r/min
Static Axial rigidity, Preload class A	656 N/micron
Basic static load rating C_0	153 kN
Static Axial rigidity, Preload class B	983 N/micron
Attainable speed for grease lubrication	6100 r/min
Basic static load rating - C_0	153 kN
Attainable speed for oil-air lubrication	7300 r/min
Reference grease quantity G_{ref}	38 cm ³