



Bearing No. BTM 110 ATN9/P4CDB

D	170 mm
d	110 mm
H	54 mm
Size (mm)	110x170x54
Width (mm)	54
Mass bearing	4.25 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 ATN9/P4CDB
Preload class A	600 N
$G_{ref}$	38 cm
Preload class B	1800 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	57 kN
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Fatigue load limit $P_u$	4.8 kN
Fatigue load limit - $P_u$	4.8 kN
Limiting speed for oil lubrication	7100 mm/min
Static axial stiffness for preload A	357 N/ $\mu$ m
Static axial stiffness for preload B	541 N/ $\mu$ m
Limiting speed for grease lubrication	5600 r/min
Static Axial rigidity, Preload class A	357 N/micron
Basic static load rating $C_0$	137 kN
Static Axial rigidity, Preload class B	541 N/micron
Attainable speed for grease lubrication	5600 r/min
Basic static load rating - $C_0$	137 kN
Attainable speed for oil-air lubrication	7100 r/min
Reference grease quantity $G_{ref}$	38 cm <sup>3</sup>