



Bearing No. BTM 110 ATN9/HCP4CDB

D	170 mm
d	110 mm
B	27 mm
C	27 mm
H	54 mm
d1	137,9 mm
dh	134 mm
D1	147,1 mm
Weight	3,95 Kg
r4 min.	1 mm
Da max.	165 mm
da min.	119 mm
r2 min.	2 mm
r3 min.	1 mm
r1 min.	2 mm
rb max.	1 mm
ra max.	2 mm
Size (mm)	110x170x27
Width (mm)	27
Mass bearing	3.95 kg
D ₁	155 mm
d _n	134.1 mm
d ₁	137.9 mm
Bearing number	BTM 110 ATN9/HCP4CDB
Preload class A	600 N
Preload class B	1800 N
d _a min.	119 mm
D _a max.	165 mm
r _a max.	2 mm

r_b max.	1 mm
Bore Diameter (mm)	110
Outer Diameter (mm)	170
$r_{1,2}$ min.	2 mm
$r_{3,4}$ min.	1 mm
(Oil) Lubrication Speed	8 300 r/min
(Grease) Lubrication Speed	7 000 r/min
Basic dynamic load rating C	57 kN
Basic static load rating (C ₀)	137 kN
Basic dynamic load rating (C)	57 kN
Fatigue load limit P_u	4.8 kN
Static axial stiffness for preload A	396 N/ μ m
Static axial stiffness for preload B	600 N/ μ m
Basic static load rating C ₀	137 kN
Attainable speed for grease lubrication	7000 r/min
Attainable speed for oil-air lubrication	8300 r/min
Reference grease quantity G_{ref}	38 cm ³