



Bearing No. BTM 65 ATN9/HCP4CDB

D	100 mm
d	65 mm
B	16,5 mm
C	16,5 mm
H	33 mm
d1	80,9 mm
dh	79 mm
D1	86,5 mm
Weight	0,85 Kg
r4 min.	0,6 mm
Da max.	96,8 mm
da min.	71 mm
r2 min.	1,1 mm
r3 min.	0,6 mm
r1 min.	1,1 mm
rb max.	0,6 mm
ra max.	1 mm
Size (mm)	65x100x16.5
Width (mm)	16,5
Mass bearing	0.85 kg
D ₁	91.1 mm
d _n	78.8 mm
d ₁	80.9 mm
Bearing number	BTM 65 ATN9/HCP4CDB
Preload class A	200 N
Preload class B	600 N
d _a min.	71 mm
D _a max.	96.8 mm
r _a max.	1 mm

r_b max.	0.6 mm
Bore Diameter (mm)	65
Outer Diameter (mm)	100
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
(Oil) Lubrication Speed	14 200 r/min
(Grease) Lubrication Speed	11 900 r/min
Basic dynamic load rating C	22 kN
Basic static load rating (C0)	47,5 kN
Basic dynamic load rating (C)	22 kN
Fatigue load limit P_u	2 kN
Static axial stiffness for preload A	229 N/ μ m
Static axial stiffness for preload B	347 N/ μ m
Basic static load rating C_0	47.5 kN
Attainable speed for grease lubrication	11900 r/min
Attainable speed for oil-air lubrication	14200 r/min
Reference grease quantity G_{ref}	8.4 cm ³