



Bearing No. BTM 65 ATN9/P4CDB

D	100 mm
d	65 mm
H	33 mm
Size (mm)	65x100x33
Width (mm)	33
Mass bearing	0.9 kg
d_n	78.8 mm
d_n	78.8 mm
D_1	91.1 mm
d_1	80.9 mm
D_1	91.1 mm
d_1	80.9 mm
Bearing number	BTM 65 ATN9/P4CDB
Preload class A	200 N
G_{ref}	8.4 cm
Preload class B	600 N
Bore Diameter (mm)	65
r_b max.	0.6 mm
r_a max.	1 mm
D_a max.	96.8 mm
d_a min.	71 mm
Outer Diameter (mm)	100
$r_{3,4}$ min.	0.6 mm
r_a - max.	1 mm
D_a - max.	96.8 mm
$r_{1,2}$ min.	1.1 mm
d_a - min.	71 mm
r_b - max.	0.6 mm
$r_{3,4}$ - min.	0.6 mm

$r_{1,2}$ - min.	1.1 mm
Basic dynamic load rating C	22 kN
Basic dynamic load rating - C	22 kN
Fatigue load limit P_u	2 kN
Fatigue load limit - P_u	2 kN
Limiting speed for oil lubrication	12100 mm/min
Static axial stiffness for preload A	206 N/ μ m
Static axial stiffness for preload B	313 N/ μ m
Limiting speed for grease lubrication	9500 r/min
Static Axial rigidity, Preload class A	206 N/micron
Basic static load rating C_0	47.5 kN
Static Axial rigidity, Preload class B	313 N/micron
Attainable speed for grease lubrication	9500 r/min
Basic static load rating - C_0	47.5 kN
Attainable speed for oil-air lubrication	12100 r/min
Reference grease quantity G_{ref}	8.4 cm ³