



Bearing No. BTM 65 BTN9/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
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D ₁	91.1 mm
d ₁	80.9 mm
D ₁	91.1 mm
d ₁	80.9 mm
Bearing number	BTM 65 BTN9/P4CDB
Preload class A	250 N
G _{ref}	8.4 cm
Preload class B	750 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	26 kN
Basic dynamic load rating - C	26 kN
Fatigue load limit P_u	2.32 kN
Fatigue load limit - P_u	2.3 kN
Limiting speed for oil lubrication	10900 mm/min
Static axial stiffness for preload A	342 N/ μ m
Static axial stiffness for preload B	510 N/ μ m
Limiting speed for grease lubrication	8400 r/min
Static Axial rigidity, Preload class A	342 N/micron
Basic static load rating C_0	54 kN
Static Axial rigidity, Preload class B	510 N/micron
Attainable speed for grease lubrication	8400 r/min
Basic static load rating - C_0	54 kN
Attainable speed for oil-air lubrication	10900 r/min
Reference grease quantity G_{ref}	8.4 cm ³