



Bearing No. BTM 75 ATN9/P4CDB

D	115 mm
d	75 mm
B	18 mm
C	18 mm
H	36 mm
d1	93,55 mm
dh	91 mm
D1	99,9 mm
Weight	1,3 Kg
r4 min.	0,6 mm
Da max.	111 mm
da min.	81 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)	75x115x18
Width (mm)	18
Mass bearing	1.3 kg
D ₁	105.2 mm
d _n	91.1 mm
d ₁	93.55 mm
Bearing number	BTM 75 ATN9/P4CDB
Preload class A	250 N
Preload class B	750 N
d _a min.	81 mm
D _a max.	111 mm
r _a max.	1 mm
r _b max.	0.6 mm

Bore Diameter (mm)	75
Outer Diameter (mm)	115
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
(Oil) Lubrication Speed	10 400 r/min
(Grease) Lubrication Speed	8 200 r/min
Basic dynamic load rating C	27.5 kN
Basic static load rating (C0)	61 kN
Basic dynamic load rating (C)	27,5 kN
Fatigue load limit P_u	2.6 kN
Static axial stiffness for preload A	234 N/ μ m
Static axial stiffness for preload B	354 N/ μ m
Basic static load rating C_0	61 kN
Attainable speed for grease lubrication	8200 r/min
Attainable speed for oil-air lubrication	10400 r/min
Reference grease quantity G_{ref}	11.8 cm ³