



Bearing No. BTM 75 BTN9/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 BTN9/P4CDB
Preload class A	350 N
Preload class B	1050 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	9 400 r/min
(Grease) Lubrication Speed	7 300 r/min
Basic dynamic load rating C	32.5 kN
Basic static load rating (C ₀)	69,5 kN
Basic dynamic load rating (C)	32,5 kN
Fatigue load limit P_u	2.9 kN
Static axial stiffness for preload A	402 N/ μ m
Static axial stiffness for preload B	603 N/ μ m
Basic static load rating C ₀	69.5 kN
Attainable speed for grease lubrication	7300 r/min
Attainable speed for oil-air lubrication	9400 r/min
Reference grease quantity G_{ref}	11.8 cm ³