



Bearing No. BTM 80 BTN9/P4CDB

D	125 mm
d	80 mm
B	20,25 mm
C	20,25 mm
H	40,5 mm
d1	100,8 mm
dh	98 mm
D1	107,8 mm
Weight	1,75 Kg
r4 min.	0,6 mm
Da max.	121 mm
da min.	86 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)	80x125x20.25
Width (mm)	20,25
Mass bearing	1.75 kg
D ₁	113.7 mm
d _n	97.9 mm
d ₁	100.8 mm
Bearing number	BTM 80 BTN9/P4CDB
Preload class A	400 N
Preload class B	1200 N
d _a min.	86 mm
D _a max.	121 mm
r _a max.	1 mm
r _b max.	0.6 mm

Bore Diameter (mm)	80
Outer Diameter (mm)	125
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
(Oil) Lubrication Speed	8 700 r/min
(Grease) Lubrication Speed	6 800 r/min
Basic dynamic load rating C	39 kN
Basic static load rating (C0)	85 kN
Basic dynamic load rating (C)	39 kN
Fatigue load limit P_u	3.55 kN
Static axial stiffness for preload A	426 N/ μ m
Static axial stiffness for preload B	635 N/ μ m
Basic static load rating C_0	85 kN
Attainable speed for grease lubrication	6800 r/min
Attainable speed for oil-air lubrication	8700 r/min
Reference grease quantity G_{ref}	16 cm ³