



Bearing No. BTM 100 BTN9/HCP4CDB

D	150 mm
d	100 mm
B	22,5 mm
C	22,5 mm
H	45 mm
d1	123 mm
dh	120 mm
D1	130,6 mm
Weight	2,5 Kg
r4 min.	1 mm
Da max.	145 mm
da min.	107 mm
r2 min.	1,5 mm
r3 min.	1 mm
r1 min.	1,5 mm
rb max.	1 mm
ra max.	1,5 mm
Size (mm)	100x150x22.5
Width (mm)	22,5
Mass bearing	2.5 kg
D ₁	137.1 mm
d _n	119.7 mm
d ₁	123 mm
Bearing number	BTM 100 BTN9/HCP4CDB
Preload class A	550 N
Preload class B	1650 N
d _a min.	107 mm
D _a max.	145 mm
r _a max.	1.5 mm

r_b max.	1 mm
Bore Diameter (mm)	100
Outer Diameter (mm)	150
$r_{1,2}$ min.	1.5 mm
$r_{3,4}$ min.	1 mm
(Oil) Lubrication Speed	8 200 r/min
(Grease) Lubrication Speed	6 900 r/min
Basic dynamic load rating C	48 kN
Basic static load rating (C ₀)	116 kN
Basic dynamic load rating (C)	48 kN
Fatigue load limit P_u	4.3 kN
Static axial stiffness for preload A	593 N/ μ m
Static axial stiffness for preload B	898 N/ μ m
Basic static load rating C ₀	116 kN
Attainable speed for grease lubrication	6900 r/min
Attainable speed for oil-air lubrication	8200 r/min
Reference grease quantity G_{ref}	22 cm ³