



Bearing No. BTM 140 BM/HCP4CDB

D	210 mm
d	140 mm
H	63 mm
Size (mm)	140x210x63
Width (mm)	63
Mass bearing	7.4 kg
d _n	168.3 mm
d _n	168.3 mm
D ₁	192.1 mm
d ₁	172.6 mm
D ₁	192.1 mm
d ₁	172.6 mm
Bearing number	BTM 140 BM/HCP4CDB
Preload class A	1050 N
G _{ref}	62 cm
Preload class B	3150 N
Bore Diameter (mm)	140
r _b max.	1 mm
r _a max.	2 mm
D _a max.	205 mm
d _a min.	151 mm
Outer Diameter (mm)	210
r _{3,4} min.	1 mm
r _a - max.	2 mm
D _a - max.	205 mm
r _{1,2} min.	2.1 mm
d _a - min.	151 mm
r _b - max.	1 mm
r _{3,4} - min.	1 mm

$r_{1,2}$ - min.	2.1 mm
Basic dynamic load rating C	86.5 kN
Basic dynamic load rating - C	86.5 kN
Fatigue load limit P_u	6.95 kN
Fatigue load limit - P_u	7 kN
Limiting speed for oil lubrication	5800 mm/min
Static axial stiffness for preload A	821 N/ μ m
Static axial stiffness for preload B	1236 N/ μ m
Limiting speed for grease lubrication	4900 r/min
Static Axial rigidity, Preload class A	821 N/micron
Basic static load rating C_0	216 kN
Static Axial rigidity, Preload class B	1236 N/micron
Attainable speed for grease lubrication	4900 r/min
Basic static load rating - C_0	216 kN
Attainable speed for oil-air lubrication	5800 r/min
Reference grease quantity G_{ref}	62 cm ³