



Bearing No. BTM 140 AM/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 AM/HCP4CDB
Preload class A	800 N
G_{ref}	62 cm
Preload class B	2400 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	73.5 kN
Basic dynamic load rating - C	73.5 kN
Fatigue load limit P_u	6.1 kN
Fatigue load limit - P_u	6.1 kN
Limiting speed for oil lubrication	6700 mm/min
Static axial stiffness for preload A	488 N/ μ m
Static axial stiffness for preload B	740 N/ μ m
Limiting speed for grease lubrication	5600 r/min
Static Axial rigidity, Preload class A	488 N/micron
Basic static load rating C_0	190 kN
Static Axial rigidity, Preload class B	740 N/micron
Attainable speed for grease lubrication	5600 r/min
Basic static load rating - C_0	190 kN
Attainable speed for oil-air lubrication	6700 r/min
Reference grease quantity G_{ref}	62 cm ³