



Bearing No. BTM 140 AM/P4CDB

D	210 mm
d	140 mm
B	31,5 mm
C	31,5 mm
H	63 mm
d1	172,6 mm
dh	168 mm
D1	183,3 mm
Weight	7,85 Kg
r4 min.	1 mm
Da max.	205 mm
da min.	151 mm
r2 min.	2,1 mm
r3 min.	1 mm
r1 min.	2,1 mm
rb max.	1 mm
ra max.	2 mm
Size (mm)	140x210x31.5
Width (mm)	31,5
Mass bearing	7.85 kg
D ₁	192.1 mm
d _n	168.3 mm
d ₁	172.6 mm
Bearing number	BTM 140 AM/P4CDB
Preload class A	800 N
Preload class B	2400 N
d _a min.	151 mm
D _a max.	205 mm
r _a max.	2 mm
r _b max.	1 mm

Bore Diameter (mm)	140
Outer Diameter (mm)	210
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	1 mm
(Oil) Lubrication Speed	5 700 r/min
(Grease) Lubrication Speed	4 400 r/min
Basic dynamic load rating C	73.5 kN
Basic static load rating (C0)	190 kN
Basic dynamic load rating (C)	73,5 kN
Fatigue load limit P_u	6.1 kN
Static axial stiffness for preload A	440 N/ μ m
Static axial stiffness for preload B	667 N/ μ m
Basic static load rating C_0	190 kN
Attainable speed for grease lubrication	4400 r/min
Attainable speed for oil-air lubrication	5700 r/min
Reference grease quantity G_{ref}	62 cm ³