



Bearing No. BTM 160 AM/P4CDB

D	240 mm
d	160 mm
H	72 mm
Size (mm)	160x240x72
Width (mm)	72
Mass bearing	11.8 kg
d_n	191.6 mm
d_n	191.6 mm
D_1	219.6 mm
d_1	196.8 mm
D_1	219.6 mm
d_1	196.8 mm
Bearing number	BTM 160 AM/P4CDB
Preload class A	1100 N
G_{ref}	94 cm
Preload class B	3300 N
Bore Diameter (mm)	160
r_b max.	1 mm
r_a max.	2 mm
D_a max.	234 mm
d_a min.	171 mm
Outer Diameter (mm)	240
$r_{3,4}$ min.	1.1 mm
r_a - max.	2 mm
D_a - max.	234 mm
$r_{1,2}$ min.	2.1 mm
d_a - min.	171 mm
r_b - max.	1 mm
$r_{3,4}$ - min.	1.1 mm

$r_{1,2}$ - min.	2.1 mm
Basic dynamic load rating C	98 kN
Basic dynamic load rating - C	98 kN
Fatigue load limit P_u	7.8 kN
Fatigue load limit - P_u	7.8 kN
Limiting speed for oil lubrication	5000 mm/min
Static axial stiffness for preload A	516 N/ μ m
Static axial stiffness for preload B	784 N/ μ m
Limiting speed for grease lubrication	3900 r/min
Static Axial rigidity, Preload class A	516 N/micron
Basic static load rating C_0	260 kN
Static Axial rigidity, Preload class B	784 N/micron
Attainable speed for grease lubrication	3900 r/min
Basic static load rating - C_0	260 kN
Attainable speed for oil-air lubrication	5000 r/min
Reference grease quantity G_{ref}	94 cm ³