



Bearing No. BTM 160 AM/HCP4CDB

D	240 mm
d	160 mm
B	36 mm
C	36 mm
H	72 mm
d1	196,8 mm
dh	192 mm
D1	209,2 mm
Weight	11 Kg
r4 min.	1,1 mm
Da max.	234 mm
da min.	171 mm
r2 min.	2,1 mm
r3 min.	1,1 mm
r1 min.	2,1 mm
rb max.	1 mm
ra max.	2 mm
Size (mm)	160x240x36
Width (mm)	36
Mass bearing	11 kg
D ₁	219.6 mm
d _n	191.6 mm
d ₁	196.8 mm
Bearing number	BTM 160 AM/HCP4CDB
Preload class A	1100 N
Preload class B	3300 N
d _a min.	171 mm
D _a max.	234 mm
r _a max.	2 mm
r _b max.	1 mm

Bore Diameter (mm)	160
Outer Diameter (mm)	240
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	1.1 mm
(Oil) Lubrication Speed	5 800 r/min
(Grease) Lubrication Speed	4 900 r/min
Basic dynamic load rating C	98 kN
Basic static load rating (C ₀)	260 kN
Basic dynamic load rating (C)	98 kN
Fatigue load limit P_u	7.8 kN
Static axial stiffness for preload A	573 N/ μ m
Static axial stiffness for preload B	870 N/ μ m
Basic static load rating C ₀	260 kN
Attainable speed for grease lubrication	4900 r/min
Attainable speed for oil-air lubrication	5800 r/min
Reference grease quantity G_{ref}	94 cm ³