



Bearing No. BTM 130 ATN9/HCP4CDB

D	200 mm
d	130 mm
H	63 mm
Size (mm)	130x200x63
Width (mm)	63
Mass bearing	6.45 kg
d_n	158.3 mm
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D_1	182.1 mm
d_1	162.6 mm
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d_1	162.6 mm
Bearing number	BTM 130 ATN9/HCP4CDB
Preload class A	800 N
G_{ref}	58 cm
Preload class B	2400 N
Bore Diameter (mm)	130
r_b max.	1 mm
r_a max.	2 mm
D_a max.	195 mm
d_a min.	139 mm
Outer Diameter (mm)	200
$r_{3,4}$ min.	1 mm
r_a - max.	2 mm
D_a - max.	195 mm
$r_{1,2}$ min.	2 mm
d_a - min.	139 mm
r_b - max.	1 mm
$r_{3,4}$ - min.	1 mm

$r_{1,2}$ - min.	2 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	7000 mm/min
Static axial stiffness for preload A	475 N/ μ m
Static axial stiffness for preload B	720 N/ μ m
Limiting speed for grease lubrication	5900 r/min
Static Axial rigidity, Preload class A	475 N/micron
Basic static load rating C_0	186 kN
Static Axial rigidity, Preload class B	720 N/micron
Attainable speed for grease lubrication	5900 r/min
Basic static load rating - C_0	186 kN
Attainable speed for oil-air lubrication	7000 r/min
Reference grease quantity G_{ref}	58 cm ³