



Bearing No. BTM 130 ATN9/P4CDB

D	200 mm
d	130 mm
B	31,5 mm
C	31,5 mm
H	63 mm
d1	162,6 mm
dh	158 mm
D1	173,3 mm
Weight	6,9 Kg
r4 min.	1 mm
Da max.	195 mm
da min.	139 mm
r2 min.	2 mm
r3 min.	1 mm
r1 min.	2 mm
rb max.	1 mm
ra max.	2 mm
Size (mm)	130x200x31.5
Width (mm)	31,5
Mass bearing	6.9 kg
D <sub>1</sub>	182.1 mm
d <sub>n</sub>	158.3 mm
d <sub>1</sub>	162.6 mm
Bearing number	BTM 130 ATN9/P4CDB
Preload class A	800 N
Preload class B	2400 N
d <sub>a</sub> min.	139 mm
D <sub>a</sub> max.	195 mm
r <sub>a</sub> max.	2 mm
r <sub>b</sub> max.	1 mm

Bore Diameter (mm)	130
Outer Diameter (mm)	200
$r_{1,2}$ min.	2 mm
$r_{3,4}$ min.	1 mm
(Oil) Lubrication Speed	6 000 r/min
(Grease) Lubrication Speed	4 700 r/min
Basic dynamic load rating C	73.5 kN
Basic static load rating (C <sub>0</sub> )	186 kN
Basic dynamic load rating (C)	73,5 kN
Fatigue load limit $P_u$	6.1 kN
Static axial stiffness for preload A	428 N/ $\mu$ m
Static axial stiffness for preload B	649 N/ $\mu$ m
Basic static load rating C <sub>0</sub>	186 kN
Attainable speed for grease lubrication	4700 r/min
Attainable speed for oil-air lubrication	6000 r/min
Reference grease quantity $G_{ref}$	58 cm <sup>3</sup>