



Bearing No. BTM 150 AM/HCP4CDB

D	225 mm
d	150 mm
H	67.5 mm
Size (mm)	150x225x67.5
Width (mm)	67,5
Mass bearing	9 kg
d_n	179.9 mm
d_n	179.9 mm
D_1	206.2 mm
d_1	184.9 mm
D_1	206.2 mm
d_1	184.9 mm
Bearing number	BTM 150 AM/HCP4CDB
Preload class A	1000 N
G_{ref}	80 cm
Preload class B	3000 N
Bore Diameter (mm)	150
r_b max.	1 mm
r_a max.	2 mm
D_a max.	219 mm
d_a min.	161 mm
Outer Diameter (mm)	225
$r_{3,4}$ min.	1.1 mm
r_a - max.	2 mm
D_a - max.	219 mm
$r_{1,2}$ min.	2.1 mm
d_a - min.	161 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	86.5 kN
Basic dynamic load rating - C	86.5 kN
Fatigue load limit P_u	7.1 kN
Fatigue load limit - P_u	7.1 kN
Limiting speed for oil lubrication	6200 mm/min
Static axial stiffness for preload A	536 N/ μ m
Static axial stiffness for preload B	814 N/ μ m
Limiting speed for grease lubrication	5200 r/min
Static Axial rigidity, Preload class A	536 N/micron
Basic static load rating C_0	228 kN
Static Axial rigidity, Preload class B	814 N/micron
Attainable speed for grease lubrication	5200 r/min
Basic static load rating - C_0	228 kN
Attainable speed for oil-air lubrication	6200 r/min
Reference grease quantity G_{ref}	80 cm ³