



Bearing No. BTM 95 BTN9/HCP4CDB

D	145 mm
d	95 mm
B	22,5 mm
C	22,5 mm
H	45 mm
d1	118 mm
dh	115 mm
D1	125,6 mm
Weight	2,4 Kg
r4 min.	1 mm
Da max.	140 mm
da min.	102 mm
r2 min.	1,5 mm
r3 min.	1 mm
r1 min.	1,5 mm
rb max.	1 mm
ra max.	1,5 mm
Size (mm)	95x145x22.5
Width (mm)	22,5
Mass bearing	2.4 kg
D <sub>1</sub>	132.1 mm
d <sub>n</sub>	114.7 mm
d <sub>1</sub>	118 mm
Bearing number	BTM 95 BTN9/HCP4CDB
Preload class A	550 N
Preload class B	1650 N
d <sub>a</sub> min.	102 mm
D <sub>a</sub> max.	140 mm
r <sub>a</sub> max.	1.5 mm

$r_b$ max.	1 mm
Bore Diameter (mm)	95
Outer Diameter (mm)	145
$r_{1,2}$ min.	1.5 mm
$r_{3,4}$ min.	1 mm
(Oil) Lubrication Speed	8 600 r/min
(Grease) Lubrication Speed	7 200 r/min
Basic dynamic load rating C	46.5 kN
Basic static load rating (C <sub>0</sub> )	106 kN
Basic dynamic load rating (C)	46,5 kN
Fatigue load limit $P_u$	4.05 kN
Static axial stiffness for preload A	565 N/ $\mu$ m
Static axial stiffness for preload B	852 N/ $\mu$ m
Basic static load rating C <sub>0</sub>	106 kN
Attainable speed for grease lubrication	7200 r/min
Attainable speed for oil-air lubrication	8600 r/min
Reference grease quantity $G_{ref}$	22 cm <sup>3</sup>