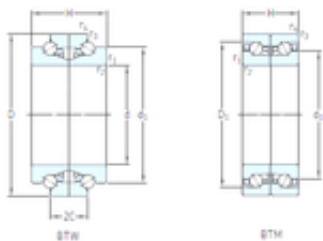




ASAHI FORGE OF AMERICA BEARING CORP.



60 mm x 95 mm x 16,5 mm SKF BTM 60
BTN9/HCP4CDB angular contact ball bearings

Bearing No. BTM 60 BTN9/HCP4CDB

BTM 60 BTN9/HCP4CDB Bearing 2D drawings and 3D
CAD models

Size	60x95x16.5 mm
Bore Diameter	60 mm
Outer Diameter	95 mm
Width	16,5 mm
d	60 mm
D	95 mm
B	16,5 mm
C	16,5 mm
d1	75,9 mm
r1 min.	1,1 mm
r2 min.	1,1 mm
r3 min.	0,6 mm
r4 min.	0,6 mm
D1	81,5 mm
H	33 mm
da min.	66 mm
Da max.	91,8 mm
ra max.	1 mm
rb max.	0,6 mm
dh	74 mm
Weight	0,8 Kg
Basic dynamic load rating (C)	25 kN
Basic static load rating (C0)	50 kN
(Grease) Lubrication Speed	11 100 r/min
(Oil) Lubrication Speed	13 300 r/min



ASAHI FORGE OF AMERICA BEARING CORP.

d_1	75.9 mm
D_1	86.1 mm
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
d_a min.	66 mm
D_a max.	91.8 mm
r_a max.	1 mm
r_b max.	0.6 mm
d_n	73.8 mm
Basic dynamic load rating C	25 kN
Basic static load rating C_0	50 kN
Fatigue load limit P_u	2.12 kN
Attainable speed for grease lubrication	11100 r/min
Attainable speed for oil-air lubrication	13300 r/min
Preload class A	250 N
Preload class B	750 N
Static axial stiffness for preload A	356 N/ μ m
Static axial stiffness for preload B	537 N/ μ m
Reference grease quantity G_{ref}	7.8 cm ³
Mass bearing	0.8 kg