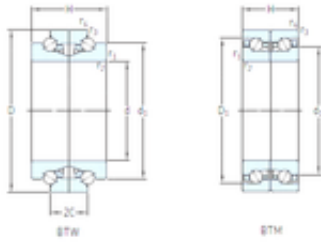




# BEARING-THAILAND CO.,LTD.



BTM 70 BTN9/HCP4CDB Bearing 2D drawings and 3D CAD models

70 mm x 110 mm x 18 mm SKF BTM 70  
BTN9/HCP4CDB angular contact ball bearings

Bearing No. BTM 70 BTN9/HCP4CDB

Size	70x110x18 mm
Bore Diameter	70 mm
Outer Diameter	110 mm
Width	18 mm
d	70 mm
D	110 mm
B	18 mm
C	18 mm
d1	88,55 mm
r1 min.	1,1 mm
r2 min.	1,1 mm
r3 min.	0,6 mm
r4 min.	0,6 mm
D1	94,9 mm
H	36 mm
da min.	76 mm
Da max.	106 mm
ra max.	1 mm
rb max.	0,6 mm
dh	86 mm
Weight	1,15 Kg
Basic dynamic load rating (C)	32 kN
Basic static load rating (C0)	67 kN
(Grease) Lubrication Speed	9 500 r/min
(Oil) Lubrication Speed	11 300 r/min



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$d_1$	88.55 mm
$D_1$	100.2 mm
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
$d_a$ min.	76 mm
$D_a$ max.	106 mm
$r_a$ max.	1 mm
$r_b$ max.	0.6 mm
$d_n$	86.1 mm
Basic dynamic load rating C	32 kN
Basic static load rating $C_0$	67 kN
Fatigue load limit $P_u$	2.85 kN
Attainable speed for grease lubrication	9500 r/min
Attainable speed for oil-air lubrication	11300 r/min
Preload class A	350 N
Preload class B	1050 N
Static axial stiffness for preload A	432 N/ $\mu$ m
Static axial stiffness for preload B	651 N/ $\mu$ m
Reference grease quantity $G_{ref}$	11 cm <sup>3</sup>
Mass bearing	1.15 kg