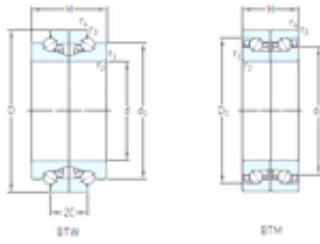




Bearing import and Export Co., Ltd



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/ μ m
Static axial stiffness for preload B	651 N/ μ m
Reference grease quantity G_{ref}	11 cm ³
Mass bearing	1.15 kg