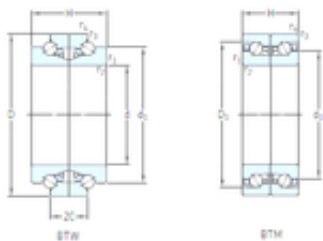


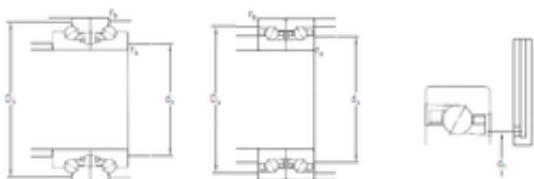


# UNF BRAINGS SALES JAPAN CO.,LTD.



65 mm x 100 mm x 16,5 mm SKF BTM 65 ATN9/HCP4CDB High Reliability Precision Bearings

Bearing No. BTM 65 ATN9/HCP4CDB



BTM 65 ATN9/HCP4CDB Bearing 2D drawings and 3D CAD models

Size	65x100x16.5 mm
Bore Diameter	65 mm
Outer Diameter	100 mm
Width	16,5 mm
d	65 mm
D	100 mm
B	16,5 mm
C	16,5 mm
d1	80,9 mm
r1 min.	1,1 mm
r2 min.	1,1 mm
r3 min.	0,6 mm
r4 min.	0,6 mm
D1	86,5 mm
H	33 mm
da min.	71 mm
Da max.	96,8 mm
ra max.	1 mm
rb max.	0,6 mm
dh	79 mm
Weight	0,85 Kg
Basic dynamic load rating (C)	22 kN
Basic static load rating (C0)	47,5 kN
(Grease) Lubrication Speed	11 900 r/min



## UNF BRAINGS SALES JAPAN CO.,LTD.

(Oil) Lubrication Speed	14 200 r/min
$d_1$	80.9 mm
$D_1$	91.1 mm
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
$d_a$ min.	71 mm
$D_a$ max.	96.8 mm
$r_a$ max.	1 mm
$r_b$ max.	0.6 mm
$d_n$	78.8 mm
Basic dynamic load rating C	22 kN
Basic static load rating $C_0$	47.5 kN
Fatigue load limit $P_u$	2 kN
Attainable speed for grease lubrication	11900 r/min
Attainable speed for oil-air lubrication	14200 r/min
Preload class A	200 N
Preload class B	600 N
Static axial stiffnes for preload A	229 N/ $\mu$ m
Static axial stiffnes for preload B	347 N/ $\mu$ m
Reference grease quantity $G_{ref}$	8.4 cm <sup>3</sup>
Mass bearing	0.85 kg