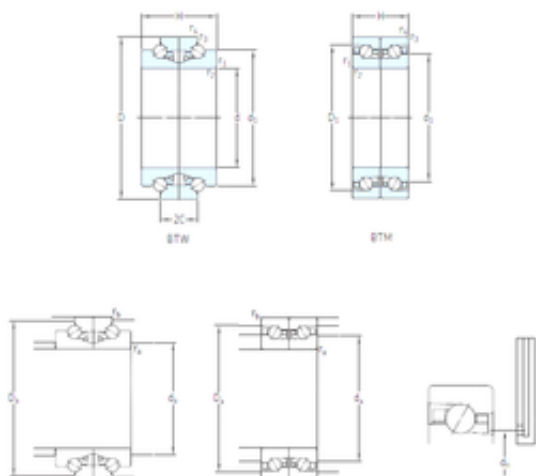




# SUPER PRECISION BEARINGS MANUFACTURER

## SKF BTM 95 BTN9/P4CDB Super Precision Bearings

Bearing No. BTM 95 BTN9/P4CDB



BTM 95 BTN9/P4CDB Bearing 2D drawings and 3D CAD models

Size	95x145x22.5 mm
Bore Diameter	95 mm
Outer Diameter	145 mm
Width	22,5 mm
d	95 mm
D	145 mm
B	22,5 mm
C	22,5 mm
d1	118 mm
r1 min.	1,5 mm
r2 min.	1,5 mm
r3 min.	1 mm
r4 min.	1 mm
D1	125,6 mm
H	45 mm
da min.	102 mm
Da max.	140 mm
ra max.	1,5 mm
rb max.	1 mm
dh	115 mm
Weight	2,55 Kg
Basic dynamic load rating (C)	46,5 kN
Basic static load rating (C0)	106 kN
(Grease) Lubrication Speed	5 800 r/min
(Oil) Lubrication Speed	7 400 r/min



## SUPER PRECISION BEARINGS MANUFACTURER

$d_1$	118 mm
$D_1$	132.1 mm
$r_{1,2}$ min.	1.5 mm
$r_{3,4}$ min.	1 mm
$d_a$ min.	102 mm
$D_a$ max.	140 mm
$r_a$ max.	1.5 mm
$r_b$ max.	1 mm
$d_n$	114.7 mm
Basic dynamic load rating C	46.5 kN
Basic static load rating $C_0$	106 kN
Fatigue load limit $P_u$	4.05 kN
Attainable speed for grease lubrication	5800 r/min
Attainable speed for oil-air lubrication	7400 r/min
Preload class A	550 N
Preload class B	1650 N
Static axial stiffness for preload A	509 N/ $\mu$ m
Static axial stiffness for preload B	767 N/ $\mu$ m
Reference grease quantity $G_{ref}$	22 cm <sup>3</sup>
Mass bearing	2.55 kg