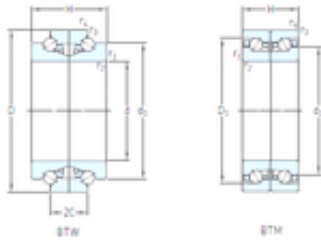


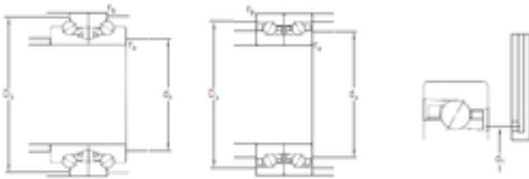


DPA Bearing Sales Corp.



75 mm x 115 mm x 18 mm SKF BTM 75 ATN9/P4CDB High Speed Main Shaft Spindle Bearings

Bearing No. BTM 75 ATN9/P4CDB



BTM 75 ATN9/P4CDB Bearing 2D drawings and 3D
CAD models

Size	75x115x18 mm
Bore Diameter	75 mm
Outer Diameter	115 mm
Width	18 mm
d	75 mm
D	115 mm
B	18 mm
C	18 mm
d1	93,55 mm
r1 min.	1,1 mm
r2 min.	1,1 mm
r3 min.	0,6 mm
r4 min.	0,6 mm
D1	99,9 mm
H	36 mm
da min.	81 mm
Da max.	111 mm
ra max.	1 mm
rb max.	0,6 mm
dh	91 mm
Weight	1,3 Kg
Basic dynamic load rating (C)	27,5 kN
Basic static load rating (C0)	61 kN
(Grease) Lubrication Speed	8 200 r/min



DPA Bearing Sales Corp.

(Oil) Lubrication Speed	10 400 r/min
d_1	93.55 mm
D_1	105.2 mm
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
d_a min.	81 mm
D_a max.	111 mm
r_a max.	1 mm
r_b max.	0.6 mm
d_n	91.1 mm
Basic dynamic load rating C	27.5 kN
Basic static load rating C_0	61 kN
Fatigue load limit P_u	2.6 kN
Attainable speed for grease lubrication	8200 r/min
Attainable speed for oil-air lubrication	10400 r/min
Preload class A	250 N
Preload class B	750 N
Static axial stiffness for preload A	234 N/ μ m
Static axial stiffness for preload B	354 N/ μ m
Reference grease quantity G_{ref}	11.8 cm ³
Mass bearing	1.3 kg