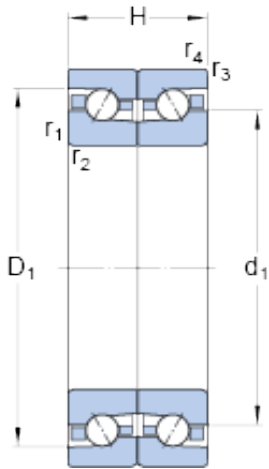




## Bearing Driveshaft do Brasil



BTM 60 BTN9/P4CDB Bearing 2D drawings and 3D CAD models

### SKF BTM 60 BTN9/P4CDB thrust ball bearings

Bearing No. BTM 60 BTN9/P4CDB

Size	60x95x33 mm
Bore Diameter	60 mm
Outer Diameter	95 mm
Width	33 mm
d	60 mm
D	95 mm
H	33 mm
d <sub>1</sub>	75.9 mm
D <sub>1</sub>	86.1 mm
r <sub>1,2</sub> - min.	1.1 mm
r <sub>3,4</sub> - min.	0.6 mm
d <sub>a</sub> - min.	66 mm
D <sub>a</sub> - max.	91.8 mm
r <sub>a</sub> - max.	1 mm
r <sub>b</sub> - max.	0.6 mm
d <sub>n</sub>	73.8 mm
Basic dynamic load rating - C	25 kN
Basic static load rating - C <sub>0</sub>	50 kN
Fatigue load limit - P <sub>u</sub>	2.1 kN
Limiting speed for grease lubrication	9000 r/min
Limiting speed for oil lubrication	11500 mm/min
Preload class A	250 N
Preload class B	750 N



## Bearing Driveshaft do Brasil

Static Axial rigidity, Preload class A	321 N/micron
Static Axial rigidity, Preload class B	484 N/micron
$G_{ref}$	7.8 cm
$d_1$	75.9 mm
$D_1$	86.1 mm
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
$d_a$ min.	66 mm
$D_a$ max.	91.8 mm
$r_a$ max.	1 mm
$r_b$ max.	0.6 mm
$d_n$	73.8 mm
Basic dynamic load rating C	25 kN
Basic static load rating $C_0$	50 kN
Fatigue load limit $P_u$	2.12 kN
Attainable speed for grease lubrication	9000 r/min
Attainable speed for oil-air lubrication	11500 r/min
Static axial stiffnes for preload A	321 N/ $\mu$ m
Static axial stiffnes for preload B	484 N/ $\mu$ m
Reference grease quantity $G_{ref}$	7.8 cm <sup>3</sup>
Mass bearing	0.85 kg