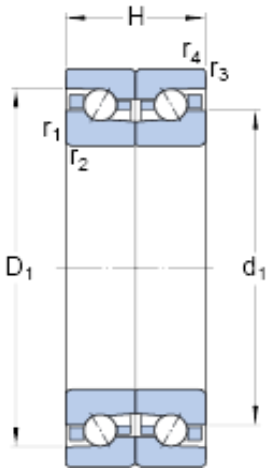




MSD MANUFACTURING CO.,LTD.



skf BTM 60 ATN9/P4CDB Angular contact thrust ball bearings, double direction, super-precision

Bearing No. BTM 60 ATN9/P4CDB

BTM 60 ATN9/P4CDB Bearing 2D drawings and 3D CAD models

Size	60x95x33 mm
Bore Diameter	60 mm
Outer Diameter	95 mm
Width	33 mm
d	60 mm
D	95 mm
H	33 mm
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	21.6 kN
Basic static load rating - C ₀	43 kN
Fatigue load limit - P _u	1.9 kN
Limiting speed for grease lubrication	10100 r/min
Limiting speed for oil lubrication	12900 mm/min
Preload class A	200 N



MSD MANUFACTURING CO.,LTD.

Preload class B	600 N
Static Axial rigidity, Preload class A	196 N/micron
Static Axial rigidity, Preload class B	296 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	21.6 kN
Basic static load rating C_0	43 kN
Fatigue load limit P_u	1.86 kN
Attainable speed for grease lubrication	10100 r/min
Attainable speed for oil-air lubrication	12900 r/min
Static axial stiffnes for preload A	196 N/ μ m
Static axial stiffnes for preload B	296 N/ μ m
Reference grease quantity G_{ref}	7.8 cm ³
Mass bearing	0.85 kg