



BEARING DRIVESHAFT, INC.



120 mm x 310 mm x 72 mm SKF NU 424 M
thrust ball bearings

Bearing No. NU 424 M

NU 424 M Bearing 2D drawings and 3D CAD models

Size	310x120x72 mm
Bore Diameter	310 mm
Outer Diameter	120 mm
Width	72 mm
d	120 mm
D	310 mm
B	72 mm
D ₁	238.5 mm
F	170 mm
r _{1,2} - min.	5 mm
r _{3,4} - min.	5 mm
s	6.3 mm
d _a - min.	144 mm
d _a - max.	165 mm
d _b - min.	173 mm
D _a - max.	286 mm
r _a - max.	4 mm
r _b - max.	4 mm
Basic dynamic load rating - C	693 kN
Basic static load rating - C ₀	800 kN
Fatigue load limit - P _u	85 kN
Reference speed	2400 r/min
Limiting speed	2800 r/min
Calculation factor - k _r	0.15



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D_1	238.5 mm
$r_{1,2}$ min.	5 mm
$r_{3,4}$ min.	5 mm
s max.	6.3 mm
d_a min.	144 mm
d_a max.	165 mm
d_b min.	173 mm
D_a max.	286 mm
r_a max.	4 mm
r_b max.	4 mm
Basic dynamic load rating C	693 kN
Basic static load rating C_0	800 kN
Fatigue load limit P_u	85 kN
Calculation factor k_r	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	30.3 kg