



## BEARING DRIVESHAFT, INC.



30307 Bearing 2D drawings and 3D CAD models

35 mm x 80 mm x 21 mm skf 30307 bearing

Bearing No. 30307

Dimension series	2FB
d	35 mm
D	80 mm
T	22.75 mm
d <sub>1</sub>	54.55 mm
B	21 mm
C	18 mm
r <sub>1,2</sub> min.	2 mm
r <sub>3,4</sub> min.	1.5 mm
a	16.181 mm
d <sub>a</sub> max.	46 mm
d <sub>b</sub> min.	44.5 mm
D <sub>a</sub> min.	70 mm
D <sub>a</sub> max.	72.5 mm
D <sub>b</sub> min.	74 mm
C <sub>a</sub> min.	3 mm
C <sub>b</sub> min.	4.5 mm
r <sub>a</sub> max.	2 mm
r <sub>b</sub> max.	1.5 mm
Basic dynamic load rating C	88.9 kN
Basic static load rating C <sub>0</sub>	73.5 kN
Fatigue load limit P <sub>u</sub>	8.3 kN
Reference speed	7500 r/min
Limiting speed	9000 r/min
Calculation factor e	0.31
Calculation factor Y	1.9



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Calculation factor $Y_0$	1.1
Mass bearing	0.51 kg