



**85 mm x 180 mm x 60 mm SKF NJ 2317 ECML thrust ball bearings**

Bearing No. NJ 2317 ECML

NJ 2317 ECML Bearing 2D drawings and 3D CAD models

Size	180x85x60 mm
Bore Diameter	180 mm
Outer Diameter	85 mm
Width	60 mm
d	85 mm
D	180 mm
B	60 mm
d <sub>1</sub>	117 mm
D <sub>1</sub>	152.2 mm
F	108 mm
r <sub>1,2</sub> - min.	3 mm
r <sub>3,4</sub> - min.	3 mm
s	5.8 mm
d <sub>a</sub> - min.	99 mm
d <sub>a</sub> - max.	105 mm
d <sub>b</sub> - min.	120 mm
D <sub>a</sub> - max.	165.5 mm
r <sub>a</sub> - max.	2.5 mm
Basic dynamic load rating - C	455 kN
Basic static load rating - C <sub>0</sub>	490 kN
Fatigue load limit - P <sub>u</sub>	60 kN
Reference speed	4000 r/min
Limiting speed	7000 r/min
Calculation factor - k <sub>r</sub>	0.38



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$d_1$	117 mm
$D_1$	152.2 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	3 mm
s max.	5.8 mm
$d_a$ min.	99 mm
$d_a$ max.	105 mm
$d_b$ min.	120 mm
$D_a$ max.	165.5 mm
$r_a$ max.	2.5 mm
Basic dynamic load rating C	455 kN
Basic static load rating $C_0$	490 kN
Fatigue load limit $P_u$	60 kN
Calculation factor $k_r$	0.38
Limiting value e	0.3
Axial load factor Y	0.4
Mass bearing	7.63 kg
Angle ring	HJ 2317 EC