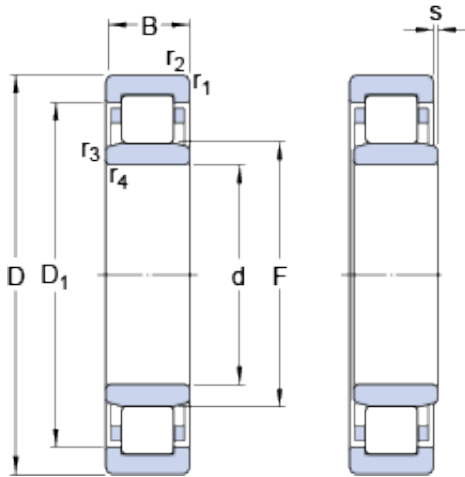




# BEARING DRIVESHAFT, INC.



## 90 mm x 190 mm x 64 mm SKF NU 2318 ECML thrust ball bearings

Bearing No. NU 2318 ECML

NU 2318 ECML Bearing 2D drawings and 3D CAD models

Size	190x90x64 mm
Bore Diameter	190 mm
Outer Diameter	90 mm
Width	64 mm
d	90 mm
D	190 mm
B	64 mm
D <sub>1</sub>	161.1 mm
F	113.5 mm
r <sub>1,2</sub> - min.	3 mm
r <sub>3,4</sub> - min.	3 mm
s	6 mm
d <sub>a</sub> - min.	104 mm
d <sub>a</sub> - max.	110 mm
d <sub>b</sub> - min.	116 mm
D <sub>a</sub> - max.	175.3 mm
r <sub>a</sub> - max.	2.5 mm
r <sub>b</sub> - max.	2.5 mm
Basic dynamic load rating - C	500 kN
Basic static load rating - C <sub>0</sub>	540 kN
Fatigue load limit - P <sub>u</sub>	65.5 kN
Reference speed	3800 r/min
Limiting speed	6700 r/min
Calculation factor - k <sub>r</sub>	0.38



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$D_1$	161.1 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	3 mm
s max.	6 mm
$d_a$ min.	104 mm
$d_a$ max.	110 mm
$d_b$ min.	116 mm
$D_a$ max.	175.3 mm
$r_a$ max.	2.5 mm
$r_b$ max.	2.5 mm
Basic dynamic load rating C	500 kN
Basic static load rating $C_0$	540 kN
Fatigue load limit $P_u$	65.5 kN
Calculation factor $k_r$	0.38
Limiting value e	0.3
Axial load factor Y	0.4
Mass bearing	8.98 kg