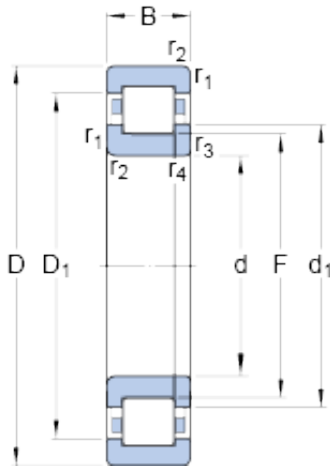




## Bearing Rolamentos do Brasil Ltda.



NUP 310 ECM Bearing 2D drawings and 3D CAD models

50 mm x 110 mm x 27 mm SKF NUP 310 ECM  
thrust ball bearings

Bearing No. NUP 310 ECM

Size	110x50x27 mm
Bore Diameter	110 mm
Outer Diameter	50 mm
Width	27 mm
d	50 mm
D	110 mm
B	27 mm
d <sub>1</sub>	71.2 mm
D <sub>1</sub>	91.4 mm
F	65 mm
r <sub>1,2</sub> - min.	2 mm
r <sub>3,4</sub> - min.	2 mm
d <sub>a</sub> - min.	60 mm
d <sub>b</sub> - min.	73 mm
D <sub>a</sub> - max.	99.6 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	127 kN
Basic static load rating - C <sub>0</sub>	112 kN
Fatigue load limit - P <sub>u</sub>	15 kN
Reference speed	6700 r/min
Limiting speed	8000 r/min
Calculation factor - k <sub>r</sub>	0.15
d <sub>1</sub>	71.2 mm
D <sub>1</sub>	91.4 mm



## Bearing Rolamentos do Brasil Ltda.

$r_{1,2}$ min.	2 mm
$r_{3,4}$ min.	2 mm
$d_a$ min.	60 mm
$d_b$ min.	73 mm
$D_a$ max.	99.6 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	127 kN
Basic static load rating $C_0$	112 kN
Fatigue load limit $P_u$	15 kN
Calculation factor $k_r$	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	1.39 kg