



## BEARING-MALAYSIA SDN.BHD.



40 mm x 80 mm x 18 mm SKF NU 208 ECML  
thrust ball bearings

Bearing No. NU 208 ECML

NU 208 ECML Bearing 2D drawings and 3D CAD models

Size	80x40x18 mm
Bore Diameter	80 mm
Outer Diameter	40 mm
Width	18 mm
d	40 mm
D	80 mm
B	18 mm
D <sub>1</sub>	67.9 mm
F	49.5 mm
r <sub>1,2</sub> - min.	1.1 mm
r <sub>3,4</sub> - min.	1.1 mm
s	1.4 mm
d <sub>a</sub> - min.	47 mm
d <sub>a</sub> - max.	48 mm
d <sub>b</sub> - min.	51 mm
D <sub>a</sub> - max.	72.8 mm
r <sub>a</sub> - max.	1 mm
r <sub>b</sub> - max.	1 mm
Basic dynamic load rating - C	62 kN
Basic static load rating - C <sub>0</sub>	53 kN
Fatigue load limit - P <sub>u</sub>	6.7 kN
Reference speed	9500 r/min
Limiting speed	16000 r/min
Calculation factor - k <sub>r</sub>	0.23



## BEARING-MALAYSIA SDN.BHD.

$D_1$	67.9 mm
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	1.1 mm
s max.	1.4 mm
$d_a$ min.	47 mm
$d_a$ max.	48 mm
$d_b$ min.	51 mm
$D_a$ max.	72.8 mm
$r_a$ max.	1 mm
$r_b$ max.	1 mm
Basic dynamic load rating C	62 kN
Basic static load rating $C_0$	53 kN
Fatigue load limit $P_u$	6.7 kN
Calculation factor $k_r$	0.23
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	0.42 kg