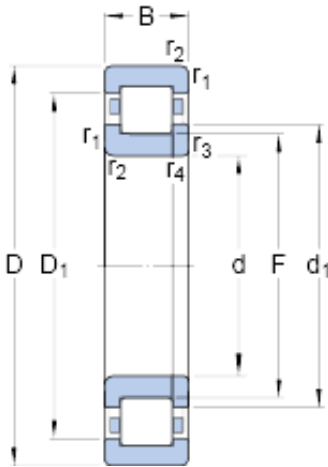




# CSC BEARING GROUP limited



## 90 mm x 160 mm x 30 mm SKF NUP 218 ECML Ball bearing

Bearing No. NUP 218 ECML

NUP 218 ECML Bearing 2D drawings and 3D CAD models

Size	160x90x30 mm
Bore Diameter	160 mm
Outer Diameter	90 mm
Width	30 mm
d	90 mm
D	160 mm
B	30 mm
d <sub>1</sub>	114 mm
D <sub>1</sub>	139.25 mm
F	107 mm
r <sub>1,2</sub> - min.	2 mm
r <sub>3,4</sub> - min.	2 mm
d <sub>a</sub> - min.	101 mm
d <sub>b</sub> - min.	117 mm
D <sub>a</sub> - max.	149 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	208 kN
Basic static load rating - C <sub>0</sub>	220 kN
Fatigue load limit - P <sub>u</sub>	27 kN
Reference speed	4500 r/min
Limiting speed	5000 r/min
Calculation factor - k <sub>r</sub>	0.23
d <sub>1</sub>	114 mm
D <sub>1</sub>	139.25 mm



## CSC BEARING GROUP limited

$r_{1,2}$ min.	2 mm
$r_{3,4}$ min.	2 mm
$d_a$ min.	101 mm
$d_b$ min.	117 mm
$D_a$ max.	149 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	208 kN
Basic static load rating $C_0$	220 kN
Fatigue load limit $P_u$	27 kN
Calculation factor $k_r$	0.23
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	2.8 kg