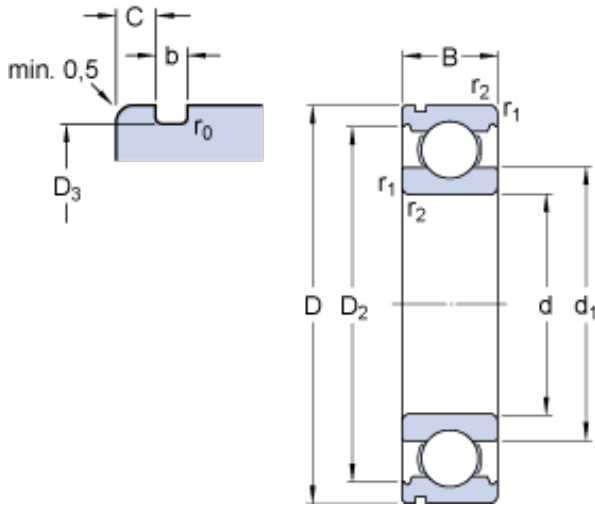




# FML ske Manufacturing Co., Ltd



## 12 mm x 32 mm x 10 mm SKF 6201 N deep groove ball bearings

Bearing No. 6201 N

Size	32x12x10 mm
Bore Diameter	32 mm
Outer Diameter	12 mm
Width	10 mm
d	12 mm
D	32 mm
B	10 mm
d <sub>1</sub>	18.45 mm
D <sub>2</sub>	27.34 mm
D <sub>3</sub>	30.15 mm
b	1.35 mm
C	2.06 mm
r <sub>0</sub>	0.4 mm
r <sub>1,2</sub> - min.	0.6 mm
d <sub>a</sub> - min.	16.2 mm
D <sub>a</sub> - max.	27.8 mm
D <sub>b</sub> - min.	38 mm
b <sub>a</sub> - min.	1.5 mm
C <sub>a</sub> - max.	3.18 mm
r <sub>a</sub> - max.	0.6 mm
Basic dynamic load rating - C	7.3 kN
Basic static load rating - C <sub>0</sub>	3.1 kN
Fatigue load limit - P <sub>u</sub>	0.132 kN
Reference speed	50000 r/min

6201 N Bearing 2D drawings and 3D CAD models



## FML ske Manufacturing Co., Ltd

Limiting speed	32000 r/min
Calculation factor - $k_r$	0.025
Calculation factor - $f_0$	12
$d_1$	18.45 mm
$D_2$	27.34 mm
$D_3$	30.15 mm
$r_0$ max.	0.4 mm
$r_{1,2}$ min.	0.6 mm
$d_a$ min.	16.2 mm
$D_a$ max.	27.8 mm
$D_b$ min.	38 mm
$b_a$ min.	1.5 mm
$C_a$ max.	3.18 mm
$r_a$ max.	0.6 mm
Basic dynamic load rating C	7.28 kN
Basic static load rating $C_0$	3.1 kN
Fatigue load limit $P_u$	0.132 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	12
Mass bearing	0.037 kg