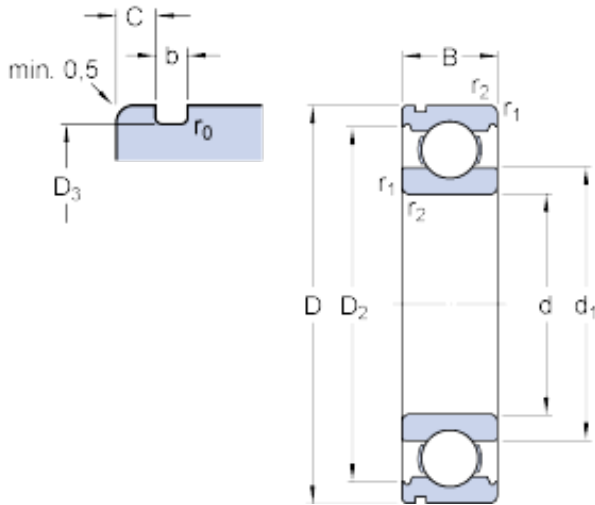




# Changzhou Suma Precision Machinery Co...



20 mm x 52 mm x 15 mm SKF 6304 N deep groove ball bearings

Bearing No. 6304 N

6304 N Bearing 2D drawings and 3D CAD models

Size	52x20x15 mm
Bore Diameter	52 mm
Outer Diameter	20 mm
Width	15 mm
d	20 mm
D	52 mm
B	15 mm
d <sub>1</sub>	30.35 mm
D <sub>2</sub>	44.71 mm
D <sub>3</sub>	49.73 mm
b	1.35 mm
C	2.46 mm
r <sub>0</sub>	0.4 mm
r <sub>1,2</sub> - min.	1.1 mm
d <sub>a</sub> - min.	27 mm
D <sub>a</sub> - max.	45 mm
D <sub>b</sub> - min.	59 mm
b <sub>a</sub> - min.	1.5 mm
C <sub>a</sub> - max.	3.58 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	16.8 kN
Basic static load rating - C <sub>0</sub>	7.8 kN
Fatigue load limit - P <sub>u</sub>	0.335 kN
Reference speed	30000 r/min



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Limiting speed	19000 r/min
Calculation factor - $k_r$	0.03
Calculation factor - $f_0$	12
$d_1$	30.35 mm
$D_2$	44.71 mm
$D_3$	49.73 mm
$r_0$ max.	0.4 mm
$r_{1,2}$ min.	1.1 mm
$d_a$ min.	27 mm
$D_a$ max.	45 mm
$D_b$ min.	59 mm
$b_a$ min.	1.5 mm
$C_a$ max.	3.58 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	16.8 kN
Basic static load rating $C_0$	7.8 kN
Fatigue load limit $P_u$	0.335 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	12
Mass bearing	0.14 kg