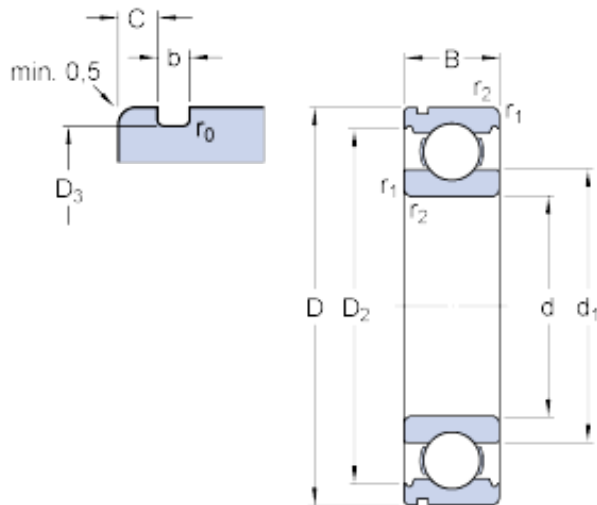




# NTN-SNR BEARING RULMENTI S.R.L.



20 mm x 42 mm x 12 mm skf 6004 N Deep groove ball bearings

Bearing No. 6004 N

Size	42x20x12 mm
Bore Diameter	42 mm
Outer Diameter	20 mm
Width	12 mm
d	20 mm
D	42 mm
B	12 mm
d <sub>1</sub>	27.2 mm
D <sub>2</sub>	37.19 mm
D <sub>3</sub>	39.75 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.	23.2 mm
D <sub>a</sub> - max.	38.8 mm
D <sub>b</sub> - min.	48 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	10 kN
Basic static load rating - C <sub>0</sub>	5 kN
Fatigue load limit - P <sub>u</sub>	0.212 kN
Reference speed	38000 r/min

6004 N Bearing 2D drawings and 3D CAD models



## NTN-SNR BEARING RULMENTI S.R.L.

Limiting speed	24000 r/min
Calculation factor - $k_r$	0.025
Calculation factor - $f_0$	14
$d_1$	27.2 mm
$D_2$	37.19 mm
$D_3$	39.75 mm
$r_0$ max.	0.4 mm
$r_{1,2}$ min.	0.6 mm
$d_a$ min.	23.2 mm
$D_a$ max.	38.8 mm
$D_b$ min.	48 mm
$b_a$ min.	1.5 mm
$C_a$ max.	3.18 mm
$r_a$ max.	0.6 mm
Basic dynamic load rating C	9.95 kN
Basic static load rating $C_0$	5 kN
Fatigue load limit $P_u$	0.212 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	14
Mass bearing	0.066 kg