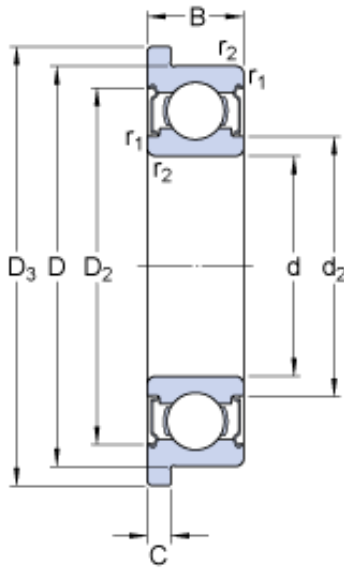




# NTN-SNR BEARING RULMENTI S.R.L.



10 mm x 19 mm x 5 mm skf W 61800 R-2Z  
Deep groove ball bearings

Bearing No. W 61800 R-2Z

W 61800 R-2Z Bearing 2D drawings and 3D CAD models

Size	19x10x5 mm
Bore Diameter	19 mm
Outer Diameter	10 mm
Width	5 mm
d	10 mm
D	19 mm
B	5 mm
d <sub>2</sub>	11.8 mm
D <sub>2</sub>	17.15 mm
D <sub>3</sub>	21 mm
C	1 mm
r <sub>1,2</sub> - min.	0.3 mm
d <sub>a</sub> - min.	12 mm
r <sub>a</sub> - max.	0.3 mm
Basic dynamic load rating - C	1.5 kN
Basic static load rating - C <sub>0</sub>	0.83 kN
Fatigue load limit - P <sub>u</sub>	0.036 kN
Reference speed	80000 r/min
Limiting speed	38000 r/min
Calculation factor - k <sub>r</sub>	0.02
Calculation factor - f <sub>0</sub>	14.8
d <sub>2</sub>	11.8 mm
D <sub>2</sub>	17.15 mm
D <sub>3</sub>	21 mm



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

$r_{1,2}$ min.	0.3 mm
$d_a$ min.	11.5 mm
$d_a$ max.	11.5 mm
$r_a$ max.	0.3 mm
Basic dynamic load rating C	1.48 kN
Basic static load rating $C_0$	0.83 kN
Fatigue load limit $P_u$	0.036 kN
Calculation factor $k_r$	0.02
Calculation factor $f_0$	14.8
Mass bearing	0.0056 kg