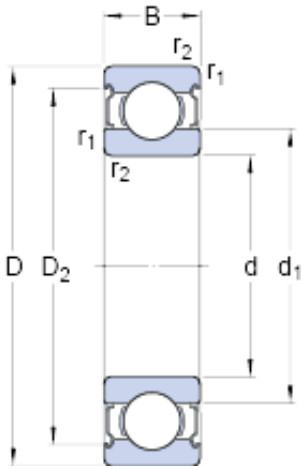




# NTN Bearing Rolamentos do Brasil Ltda.



80 mm x 110 mm x 16 mm skf W 61916-2Z  
Deep groove ball bearings

Bearing No. W 61916-2Z

W 61916-2Z Bearing 2D drawings and 3D CAD models

Size	110x80x16 mm
Bore Diameter	110 mm
Outer Diameter	80 mm
Width	16 mm
d	80 mm
D	110 mm
B	16 mm
d <sub>1</sub>	89.5 mm
D <sub>2</sub>	103.08 mm
r <sub>1,2</sub> - min.	1 mm
D <sub>a</sub> - max.	mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	21.6 kN
Basic static load rating - C <sub>0</sub>	23.6 kN
Fatigue load limit - P <sub>u</sub>	1 kN
Reference speed	12000 r/min
Limiting speed	6000 r/min
Calculation factor - k <sub>r</sub>	0.025
d <sub>1</sub>	89.5 mm
D <sub>2</sub>	103.08 mm
r <sub>1,2</sub> min.	1 mm
D <sub>a</sub> max.	0 mm
r <sub>a</sub> max.	1 mm
Basic dynamic load rating C	21.6 kN



## NTN Bearing Rolamentos do Brasil Ltda.

Basic static load rating $C_0$	23.6 kN
Fatigue load limit $P_u$	1.02 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	16.5