



**50 mm x 80 mm x 16 mm SKF W 6010-2RZ  
deep groove ball bearings**

Bearing No. W 6010-2RZ

W 6010-2RZ Bearing 2D drawings and 3D CAD models

Size	80x50x16 mm
Bore Diameter	80 mm
Outer Diameter	50 mm
Width	16 mm
d	50 mm
D	80 mm
B	16 mm
d <sub>1</sub>	60 mm
D <sub>2</sub>	74.55 mm
r <sub>1,2</sub> - min.	1 mm
D <sub>a</sub> - max.	75 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	19 kN
Basic static load rating - C <sub>0</sub>	16.6 kN
Fatigue load limit - P <sub>u</sub>	0.71 kN
Reference speed	18000 r/min
Limiting speed	9000 r/min
Calculation factor - k <sub>r</sub>	0.03
Calculation factor - f <sub>0</sub>	15.6
d <sub>1</sub>	60 mm
D <sub>2</sub>	74.55 mm
r <sub>1,2</sub> min.	1 mm
d <sub>a</sub> min.	55 mm
d <sub>a</sub> max.	59.5 mm



## GENUINE ORIGINAL GERMAN BEARINGS CO.,LTD

$D_a$ max.	75 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	19 kN
Basic static load rating $C_0$	16.6 kN
Fatigue load limit $P_u$	0.71 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	15.6
Mass bearing	0.26 kg