



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

Bearing No. 6010-2RZ

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>	59.75 mm
D <sub>2</sub>	72.8 mm
r <sub>1,2</sub> - min.	1 mm
d <sub>a</sub> - min.	54.6 mm
d <sub>a</sub> - max.	59.7 mm
D <sub>a</sub> - max.	75.4 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	22.9 kN
Basic static load rating - C <sub>0</sub>	15.6 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>	0.025
Calculation factor - f <sub>0</sub>	15
d <sub>1</sub>	59.75 mm
r <sub>1,2</sub> min.	1 mm
d <sub>a</sub> min.	54.6 mm



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$d_a$ max.	59.7 mm
$D_a$ max.	75.4 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	22.9 kN
Basic static load rating $C_0$	15.6 kN
Fatigue load limit $P_u$	0.71 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	14.7
Mass bearing	0.27 kg