



**SKF W 63806-2Z deep groove ball bearings**

Bearing No. W 63806-2Z

Size	42x30x10 mm
Bore Diameter	42 mm
Outer Diameter	30 mm
Width	10 mm
d	30 mm
D	42 mm
B	10 mm
d <sub>2</sub>	33.11 mm
D <sub>2</sub>	39.2 mm
r <sub>1,2</sub> - min.	0.3 mm
d <sub>a</sub> - min.	32 mm
d <sub>a</sub> - max.	33 mm
D <sub>a</sub> - max.	40 mm
r <sub>a</sub> - max.	0.3 mm
Basic dynamic load rating - C	3.6 kN
Basic static load rating - C <sub>0</sub>	2.9 kN
Fatigue load limit - P <sub>u</sub>	0.125 kN
Reference speed	34000 r/min
Limiting speed	17000 r/min
Calculation factor - k <sub>r</sub>	0.02
Calculation factor - f <sub>0</sub>	14.1
d <sub>2</sub>	33.11 mm
D <sub>2</sub>	39.2 mm
r <sub>1,2</sub> min.	0.3 mm
d <sub>a</sub> min.	32 mm

W 63806-2Z Bearing 2D drawings and 3D CAD models



## SNR BEARINGS PRODUCTION EXPORT CO., LTD

$d_a$ max.	33 mm
$D_a$ max.	40 mm
$r_a$ max.	0.3 mm
Basic dynamic load rating C	3.58 kN
Basic static load rating $C_0$	2.9 kN
Fatigue load limit $P_u$	0.125 kN
Calculation factor $k_r$	0.02
Calculation factor $f_0$	14.1
Mass bearing	0.036 kg