



8 mm x 12 mm x 3.5 mm 8 mm x 12 mm x 3.5 mm skf W 637/8 R-2ZS Deep groove ball bearings

Bearing No. W 637/8 R-2ZS

W 637/8 R-2ZS Bearing 2D drawings and 3D CAD models

Size	12x8x3.5 mm
Bore Diameter	12 mm
Outer Diameter	8 mm
Width	3,5 mm
d	8 mm
D	12 mm
B	3.5 mm
d <sub>1</sub>	9.05 mm
D <sub>2</sub>	11.33 mm
D <sub>3</sub>	13.6 mm
C	0.8 mm
r <sub>1,2</sub> - min.	0.1 mm
d <sub>a</sub> - min.	8.8 mm
r <sub>a</sub> - max.	0.1 mm
Basic dynamic load rating - C	0.312 kN
Basic static load rating - C <sub>0</sub>	0.14 kN
Fatigue load limit - P <sub>u</sub>	0.006 kN
Reference speed	100000 r/min
Limiting speed	50000 r/min
Calculation factor - k <sub>r</sub>	0.02
Calculation factor - f <sub>0</sub>	8.2
d <sub>1</sub>	9.05 mm
D <sub>2</sub>	11.33 mm
D <sub>3</sub>	13.6 mm



## NTN BEARING MANUFACTURING DE MEXICO,S...

$r_{1,2}$ min.	0.1 mm
$d_a$ min.	8.8 mm
$d_a$ max.	9 mm
$r_a$ max.	0.1 mm
Basic dynamic load rating C	0.312 kN
Basic static load rating $C_0$	0.14 kN
Fatigue load limit $P_u$	0.006 kN
Calculation factor $k_r$	0.02
Calculation factor $f_0$	8.2
Mass bearing	0.0012 kg