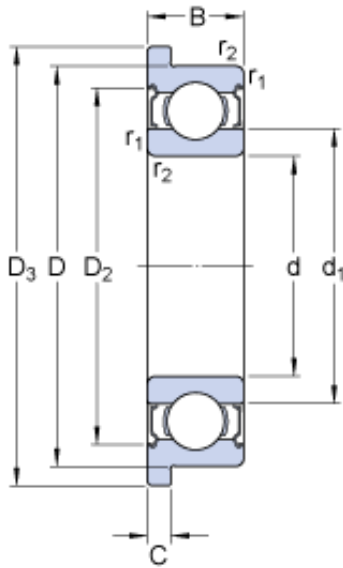




# USK BEARING COMPANY



4 mm x 10 mm x 4 mm skf W 638/4 XR-2Z  
Deep groove ball bearings

Bearing No. W 638/4 XR-2Z

W 638/4 XR-2Z Bearing 2D drawings and 3D CAD models

Size	10x4x4 mm
Bore Diameter	10 mm
Outer Diameter	4 mm
Width	4 mm
d	4 mm
D	10 mm
B	4 mm
d <sub>1</sub>	5.9 mm
D <sub>2</sub>	8.8 mm
D <sub>3</sub>	11.6 mm
C	0.8 mm
r <sub>1,2</sub> - min.	0.15 mm
d <sub>a</sub> - min.	5.6 mm
r <sub>a</sub> - max.	0.15 mm
Basic dynamic load rating - C	0.553 kN
Basic static load rating - C <sub>0</sub>	0.245 kN
Fatigue load limit - P <sub>u</sub>	0.011 kN
Reference speed	130000 r/min
Limiting speed	63000 r/min
Calculation factor - k <sub>r</sub>	0.02
Calculation factor - f <sub>0</sub>	12.3
d <sub>1</sub>	5.9 mm
D <sub>2</sub>	8.8 mm
D <sub>3</sub>	11.6 mm



## USK BEARING COMPANY

$r_{1,2}$ min.	0.2 mm
$d_a$ min.	5.6 mm
$d_a$ max.	5.8 mm
$r_a$ max.	0.2 mm
Basic dynamic load rating C	0.553 kN
Basic static load rating $C_0$	0.245 kN
Fatigue load limit $P_u$	0.011 kN
Calculation factor $k_r$	0.02
Calculation factor $f_0$	12.3
Mass bearing	0.0015 kg