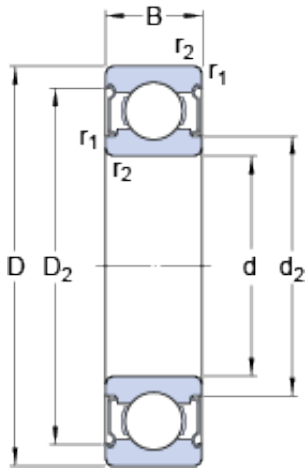




# BEARING USA CORP.



9 mm x 17 mm x 6 mm SKF W 638/9-2Z deep groove ball bearings

Bearing No. W 638/9-2Z

W 638/9-2Z Bearing 2D drawings and 3D CAD models

Size	17x9x6 mm
Bore Diameter	17 mm
Outer Diameter	9 mm
Width	6 mm
d	9 mm
D	17 mm
B	6 mm
d <sub>2</sub>	10.7 mm
D <sub>2</sub>	15.2 mm
r <sub>1,2</sub> - min.	0.2 mm
d <sub>a</sub> - min.	10.3 mm
d <sub>a</sub> - max.	10.6 mm
D <sub>a</sub> - max.	15.4 mm
r <sub>a</sub> - max.	0.2 mm
Basic dynamic load rating - C	0.761 kN
Basic static load rating - C <sub>0</sub>	0.335 kN
Fatigue load limit - P <sub>u</sub>	0.014 kN
Reference speed	85000 r/min
Limiting speed	43000 r/min
Calculation factor - k <sub>r</sub>	0.02
Calculation factor - f <sub>0</sub>	7.7
d <sub>2</sub>	10.7 mm
D <sub>2</sub>	15.2 mm
r <sub>1,2</sub> min.	0.2 mm



## BEARING USA CORP.

$d_a$ min.	10.3 mm
$d_a$ max.	10.6 mm
$D_a$ max.	15.4 mm
$r_a$ max.	0.2 mm
Basic dynamic load rating C	0.761 kN
Basic static load rating $C_0$	0.335 kN
Fatigue load limit $P_u$	0.014 kN
Calculation factor $k_r$	0.02
Calculation factor $f_0$	7.7
Mass bearing	0.005 kg