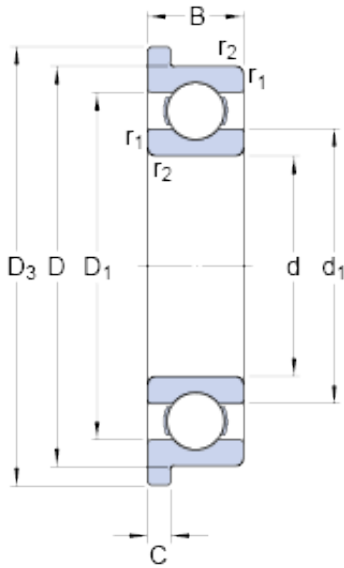




## Guangzhou Wangli Auto Parts Co., Ltd.



W 627 XR Bearing 2D drawings and 3D CAD models

7 mm x 13 mm x 3 mm SKF W 627 XR deep groove ball bearings

Bearing No. W 627 XR

Size	13x7x3 mm
Bore Diameter	13 mm
Outer Diameter	7 mm
Width	3 mm
d	7 mm
D	13 mm
B	3 mm
d <sub>1</sub>	9.35 mm
D <sub>1</sub>	11.5 mm
D <sub>3</sub>	14.2 mm
C	0.6 mm
r <sub>1,2</sub> - min.	0.2 mm
d <sub>a</sub> - min.	8.6 mm
r <sub>a</sub> - max.	0.2 mm
Basic dynamic load rating - C	0.312 kN
Basic static load rating - C <sub>0</sub>	0.143 kN
Fatigue load limit - P <sub>u</sub>	0.006 kN
Reference speed	100000 r/min
Limiting speed	63000 r/min
Calculation factor - k <sub>r</sub>	0.03
Calculation factor - f <sub>0</sub>	8.3
d <sub>1</sub>	9.35 mm
D <sub>1</sub>	11.15 mm
D <sub>3</sub>	14.2 mm



## Guangzhou Wangli Auto Parts Co., Ltd.

$r_{1,2}$ min.	0.2 mm
$d_a$ min.	8.6 mm
$r_a$ max.	0.2 mm
Basic dynamic load rating C	0.312 kN
Basic static load rating $C_0$	0.143 kN
Fatigue load limit $P_u$	0.006 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	8.3
Mass bearing	0.0017 kg