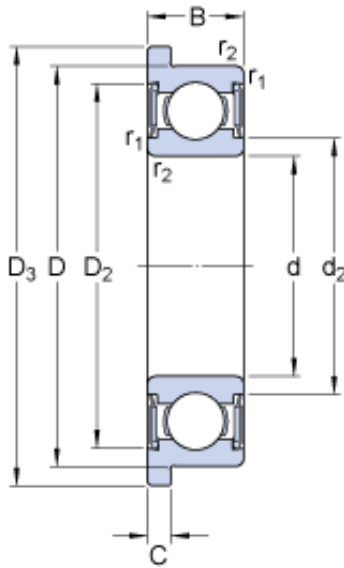




# NTN Machinery Manufacturing Co., Ltd



## 8 mm x 16 mm x 5 mm SKF W 628/8 R-2RS1 deep groove ball bearings

Bearing No. W 628/8 R-2RS1

W 628/8 R-2RS1 Bearing 2D drawings and 3D CAD models

Size	16x8x5 mm
Bore Diameter	16 mm
Outer Diameter	8 mm
Width	5 mm
d	8 mm
D	16 mm
B	5 mm
d <sub>2</sub>	9.65 mm
D <sub>2</sub>	14.2 mm
D <sub>3</sub>	18 mm
C	1.1 mm
r <sub>1,2</sub> - min.	0.2 mm
d <sub>a</sub> - min.	9.4 mm
r <sub>a</sub> - max.	0.2 mm
Basic dynamic load rating - C	0.715 kN
Basic static load rating - C <sub>0</sub>	0.3 kN
Fatigue load limit - P <sub>u</sub>	0.012 kN
Limiting speed	26000 r/min
Calculation factor - k <sub>r</sub>	0.02
Calculation factor - f <sub>0</sub>	7.5
d <sub>2</sub>	9.65 mm
D <sub>2</sub>	14.2 mm
D <sub>3</sub>	18 mm
r <sub>1,2</sub> min.	0.2 mm



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$d_a$ min.	9.5 mm
$d_a$ max.	9.6 mm
$r_a$ max.	0.2 mm
Basic dynamic load rating C	0.715 kN
Basic static load rating $C_0$	0.3 kN
Fatigue load limit $P_u$	0.012 kN
Calculation factor $k_r$	0.02
Calculation factor $f_0$	7.5
Mass bearing	0.0043 kg