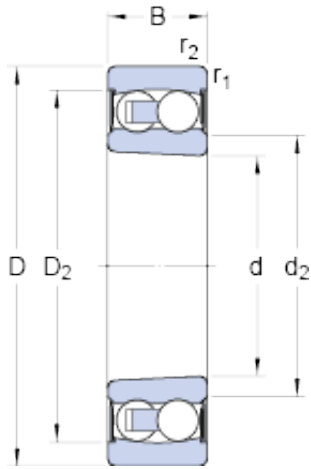




# Jinan Yuki Bearing Co., Ltd.



## 30 mm x 72 mm x 27 mm SKF 2306 E-2RS1KTN9 self aligning ball bearings

Bearing No. 2306 E-2RS1KTN9

2306 E-2RS1KTN9 Bearing 2D drawings and 3D CAD models

Size	72x30x27 mm
Bore Diameter	72 mm
Outer Diameter	30 mm
Width	27 mm
d	30 mm
D	72 mm
B	27 mm
d <sub>2</sub>	40.4 mm
D <sub>2</sub>	61.88 mm
r <sub>1,2</sub> - min.	1.1 mm
D <sub>a</sub> - max.	65 mm
r <sub>a</sub> - max.	1.1 mm
Basic dynamic load rating - C	22.5 kN
Basic static load rating - C <sub>0</sub>	6.8 kN
Fatigue load limit - P <sub>u</sub>	0.355 kN
Limiting speed	6700 r/min
Calculation factor - k <sub>r</sub>	0.05
Calculation factor - e	0.25
Calculation factor - Y <sub>0</sub>	2.5
Calculation factor - Y <sub>1</sub>	2.5
Calculation factor - Y <sub>2</sub>	3.9
d <sub>2</sub>	40.4 mm
D <sub>2</sub>	61.88 mm



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$r_{1,2}$ min.	1.1 mm
$D_a$ max.	65 mm
$r_a$ max.	1.1 mm
Basic dynamic load rating C	22.5 kN
Basic static load rating $C_0$	6.8 kN
Fatigue load limit $P_u$	0.36 kN
Permissible angular misalignment	1.5 °
Calculation factor $k_r$	0.05
Calculation factor e	0.25
Calculation factor $Y_0$	2.5
Calculation factor $Y_1$	2.5
Calculation factor $Y_2$	3.9
Mass bearing	0.51 kg