



FAG

62307-A-2RSR

Deep groove ball bearing

Schaeffler ID:
0648008650000Deep groove ball bearing 623..-A-2RSR,
single row, steel sheet metal cage

Technical information

**Dimensions**

r_{\min}	1.5 mm	Minimum chamfer dimension
D_2	70.1 mm	Caliber diameter outer ring
d_1	46.2 mm	Shoulder diameter inner ring
	0.65 kg	Weight

Main Dimensions & Performance Data

d	35 mm	Bore diameter
D	80 mm	Outside diameter
B	31 mm	Width
C_r	33,320 N	Basic dynamic load rating, radial
C_{0r}	19,150 N	Basic static load rating, radial
C_{ur}	1,330 N	Fatigue load limit, radial
n_G	5,300 1/min	Limiting speed

Mounting dimensions

$d_{a\min}$	44 mm	Minimum diameter shaft shoulder
$D_{a\max}$	71 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1.5 mm	Maximum fillet radius

Calculation factors

f_0	13.1	Calculation factor
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Temperature range

T_{\min}	-20 °C	Operating temperature min.
T_{\max}	110 °C	Operating temperature max.