



FAG

62306-A-2RSR

Deep groove ball bearing

Schaeffler ID:
0647762800000Deep groove ball bearing 623..-A-2RSR,
single row, steel sheet metal cage

Technical information

**Dimensions**

r_{\min}	1.1 mm	Minimum chamfer dimension
D_2	62.5 mm	Caliber diameter outer ring
d_1	41.7 mm	Shoulder diameter inner ring
	0.486 kg	Weight

Main Dimensions & Performance Data

d	30 mm	Bore diameter
D	72 mm	Outside diameter
B	27 mm	Width
C_r	28,160 N	Basic dynamic load rating, radial
C_{0r}	15,820 N	Basic static load rating, radial
C_{ur}	1,090 N	Fatigue load limit, radial
n_G	6,000 1/min	Limiting speed

Mounting dimensions

$d_{a\min}$	37 mm	Minimum diameter shaft shoulder
$D_{a\max}$	65 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1.1 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.