



FAG

62303-A-2RSR

Deep groove ball bearing

Schaeffler ID:
0596789330000Deep groove ball bearing 623..-A-2RSR,
single row, steel sheet metal cage

Technical information

**Dimensions**

r_{\min}	1 mm	Minimum chamfer dimension
D_2	41.1 mm	Caliber diameter outer ring
d_1	27.5 mm	Shoulder diameter inner ring
	0.148 kg	Weight

Main Dimensions & Performance Data

d	17 mm	Bore diameter
D	47 mm	Outside diameter
B	19 mm	Width
C_r	13,630 N	Basic dynamic load rating, radial
C_{0r}	6,620 N	Basic static load rating, radial
C_{ur}	520 N	Fatigue load limit, radial
n_G	9,700 1/min	Limiting speed

Mounting dimensions

$d_{a\min}$	22.6 mm	Minimum diameter shaft shoulder
$D_{a\max}$	41.4 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1 mm	Maximum fillet radius

Calculation factors

f_0	12.4	Calculation factor
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Temperature range

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