



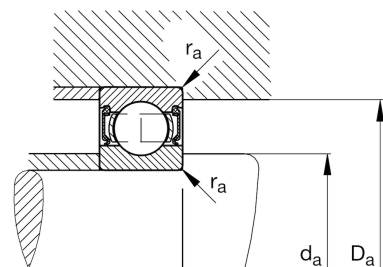
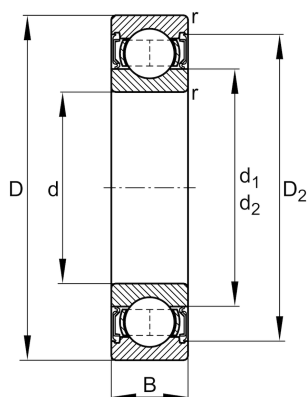
FAG

62300-A-2RSR

Deep groove ball bearing

Schaeffler ID:
0647760690000Deep groove ball bearing 623..-A-2RSR,
single row, steel sheet metal cage

Technical information

**Dimensions**

r_{\min}	0.6 mm	Minimum chamfer dimension
D_2	29.5 mm	Caliber diameter outer ring
d_1	15.4 mm	Shoulder diameter inner ring
	60 g	Weight

Main Dimensions & Performance Data

d	10 mm	Bore diameter
D	35 mm	Outside diameter
B	17 mm	Width
C_r	8,100 N	Basic dynamic load rating, radial
C_{0r}	3,440 N	Basic static load rating, radial
C_{ur}	270 N	Fatigue load limit, radial
n_G	15,000 1/min	Limiting speed

Mounting dimensions

$d_{a\min}$	14.2 mm	Minimum diameter shaft shoulder
$D_{a\max}$	30.8 mm	Maximum diameter of housing shoulder
$r_{a\max}$	0.6 mm	Maximum fillet radius

Calculation factors

f_0	11.2	Calculation factor
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Temperature range

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