



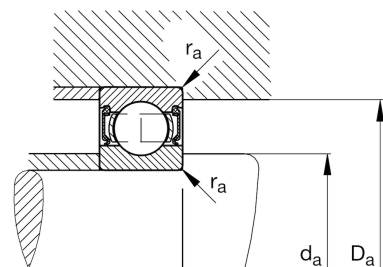
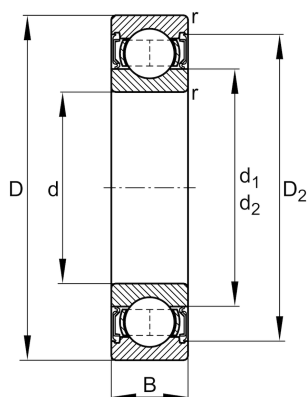
FAG

62310-2RSR

Deep groove ball bearing

Schaeffler ID:
0167221750000Deep groove ball bearing 623..-2RSR,
single row, seals, steel sheet metal cage

Technical information

**Dimensions**

r_{\min}	2 mm	Minimum chamfer dimension
D_2	95.1 mm	Caliber diameter outer ring
d_1	68 mm	Shoulder diameter inner ring
	1.55 kg	Weight

Main Dimensions & Performance Data

d	50 mm	Bore diameter
D	110 mm	Outside diameter
B	40 mm	Width
C_r	66,000 N	Basic dynamic load rating, radial
C_{0r}	38,000 N	Basic static load rating, radial
C_{ur}	2,700 N	Fatigue load limit, radial
n_G	3,950 1/min	Limiting speed

Mounting dimensions

$d_{a \min}$	61 mm	Minimum diameter shaft shoulder
$D_{a \max}$	99 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2 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.