

FAG

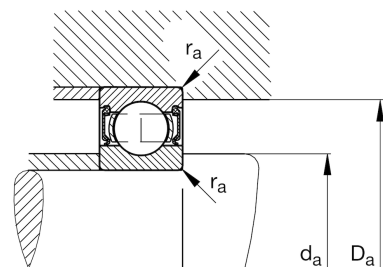
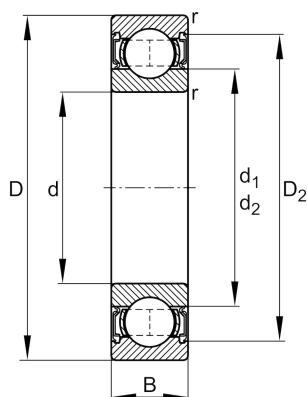
★ 6301-2RSR

Deep groove ball bearing

Schaeffler ID:
0167226550000Deep groove ball bearing 63...-2RSR,
single row, seals, steel sheet metal cage

★ Preferred product

Technical information



Main Dimensions & Performance Data

d	12 mm	Bore diameter
D	37 mm	Outside diameter
B	12 mm	Width
C_r	10.300 N	Basic dynamic load rating, radial
C_{0r}	4.200 N	Basic static load rating, radial
C_{ur}	290 N	Fatigue load limit, radial
n_G	13.700 1/min	Limiting speed
	59,8 g	Weight

Dimensions

r_{min}	1 mm	Minimum chamfer dimension
D_2	31,4 mm	Caliber diameter outer ring
d_1	19,5 mm	Shoulder diameter inner ring

Mounting dimensions

d_{amin}	17,6 mm	Minimum diameter shaft shoulder
D_{amax}	31,4 mm	Maximum diameter of housing shoulder
r_{amax}	1 mm	Maximum fillet radius

Calculation factors

f_0	11,1	Calculation factor
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Temperature range

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