

FAG

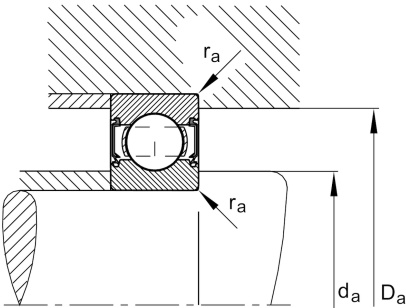
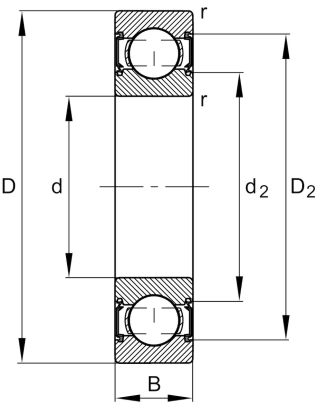
6001-C-2HRS

Deep groove ball bearing

Schaeffler ID:
0954046510000

Deep groove ball bearing 60...-C-2HRS,
single row, Generation C, seals, steel
sheet metal cage

Technical information



Dimensions

r_{min}	0.3 mm	Minimum chamfer dimension
D_2	25.1 mm	Caliber diameter outer ring
d_2	15.7 mm	Caliber diameter inner ring
	0.02 kg	Weight

Main Dimensions & Performance Data

d	12 mm	Bore diameter
D	28 mm	Outside diameter
B	8 mm	Width
C_r	5,900 N	Basic dynamic load rating, radial
C_{0r}	2,370 N	Basic static load rating, radial
C_{ur}	164 N	Fatigue load limit, radial
n_G	24,900 1/min	Limiting speed

Mounting dimensions

$d_{a min}$	14 mm	Minimum diameter shaft shoulder
$D_{a max}$	26 mm	Maximum diameter of housing shoulder
$r_{a max}$	0.3 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}	100 °C	Operating temperature max.