

FAG

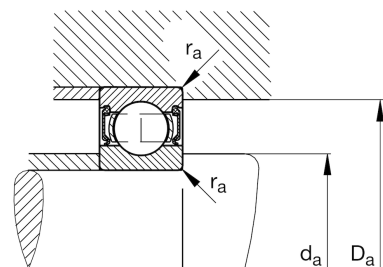
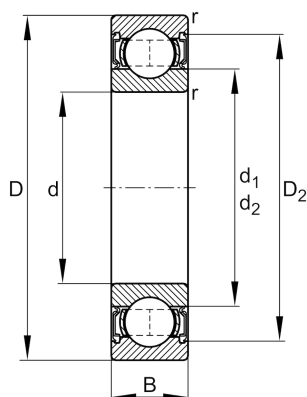
★ 62303-A-2RSR

Deep groove ball bearing

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

★ Preferred product

Technical information



Temperature range

T_{\min}	-20 °C	Operating temperature min.
T_{\max}	110 °C	Operating temperature max.
	0,148 kg	Weight

Main Dimensions & Performance Data

d	17 mm	Bore diameter
D	47 mm	Outside diameter
B	19 mm	Width
C_r	14.300 N	Basic dynamic load rating, radial
C_{0r}	6.600 N	Basic static load rating, radial
C_{ur}	520 N	Fatigue load limit, radial
n_G	9.700 1/min	Limiting speed

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

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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