



FAG

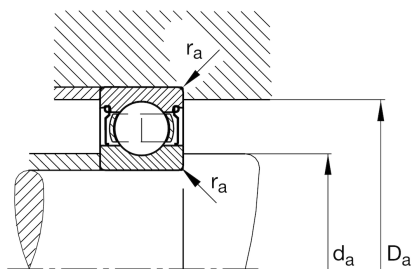
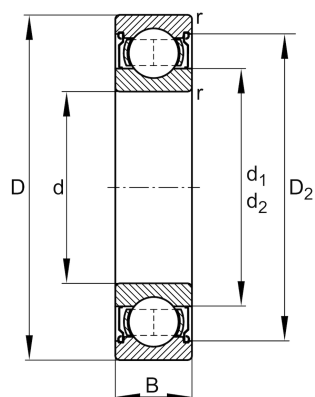
★ 6307-2Z

Deep groove ball bearing

Schaeffler ID:
0167232600000Deep groove ball bearing 63...-2Z, single
row, shields, steel sheet metal cage

★ Preferred product

Technical information



Temperature range

T_{\min}	-20 °C	Operating temperature min.
T_{\max}	120 °C	Operating temperature max.
	0,465 kg	Weight

Main Dimensions & Performance Data

d	35 mm	Bore diameter
D	80 mm	Outside diameter
B	21 mm	Width
C_r	35.500 N	Basic dynamic load rating, radial
C_{0r}	19.100 N	Basic static load rating, radial
C_{ur}	1.290 N	Fatigue load limit, radial
n_G	10.500 1/min	Limiting speed
n_{gr}	9.900 1/min	Reference speed

Dimensions

r_{\min}	1,5 mm	Minimum chamfer dimension
D_2	67,6 mm	Caliber diameter outer ring
d_1	49,3 mm	Shoulder diameter inner ring

Mounting dimensions

$d_{a\min}$	44 mm	Minimum diameter shaft shoulder
$D_{a\max}$	71 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1,5 mm	Maximum fillet radius

Calculation factors

f_0	13,1	Calculation factor
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