

FAG

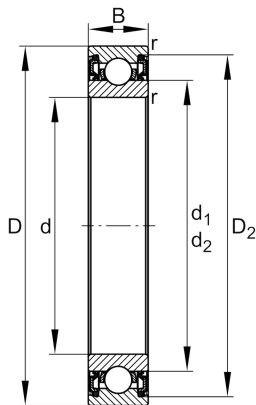
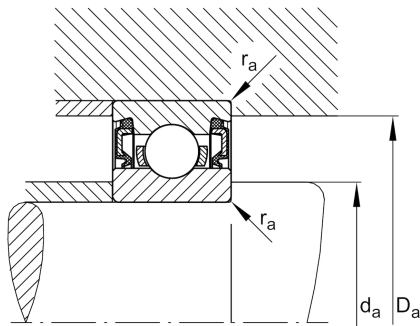
★ 61813-2RZ-Y

Deep groove ball bearing

Schaeffler ID:
0787748100000Deep groove ball bearing 618...-2RZ-Y,
single row, shields, brass sheet metal cage

★ Preferred product

Technical information



Temperature range

T_{\min}	-20 °C	Operating temperature min.
T_{\max}	110 °C	Operating temperature max.
	0,13 kg	Weight

Main Dimensions & Performance Data

d	65 mm	Bore diameter
D	85 mm	Outside diameter
B	10 mm	Width
C_r	13.000 N	Basic dynamic load rating, radial
C_{0r}	12.000 N	Basic static load rating, radial
C_{ur}	780 N	Fatigue load limit, radial
n_G	9.600 1/min	Limiting speed
n_{gr}	5.700 1/min	Reference speed

Dimensions

r_{\min}	0,6 mm	Minimum chamfer dimension
D_2	80,5 mm	Caliber diameter outer ring
d_1	71,6 mm	Shoulder diameter inner ring

Mounting dimensions

$d_{a\min}$	68,2 mm	Minimum diameter shaft shoulder
$D_{a\max}$	81,8 mm	Maximum diameter of housing shoulder
$r_{a\max}$	0,6 mm	Maximum fillet radius

Calculation factors

f_0	16,2	Calculation factor
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