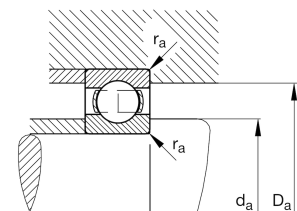
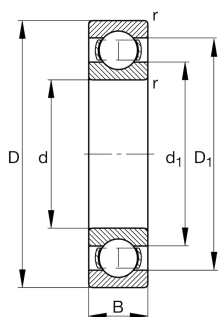


**FAG****61917-C3**

Deep groove ball bearing

Deep groove ball bearing 619, single row,
steel sheet metal cageMateriálové číslo Schaeffler:
0190027770030

Technické informace



Vaše aktuální varianta produktu

Sealing	Without	Not sealed
Cage	JN	Steel sheet metal
Tolerance class	PN	Normal (PN)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	Without	Bearing not greased
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	85 mm	Bore diameter
D	120 mm	Outside diameter
B	18 mm	Width
C_r	34.000 N	Basic dynamic load rating, radial
C_{0r}	31.500 N	Basic static load rating, radial
C_{ur}	1.690 N	Fatigue load limit, radial
n_G	7.700 1/min	Limiting speed
n_{gr}	5.400 1/min	Reference speed
$\approx m$	0,557 kg	Hmotnost



Mounting dimensions

$d_{a \min}$	91 mm	Minimum diameter shaft shoulder
$D_{a \max}$	114 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1 mm	Maximum fillet radius

Dimensions

$r_{\min}$	1,1 mm	Minimum chamfer dimension
D_1	110,02 mm	Shoulder diameter outer ring
d_1	97,14 mm	Shoulder diameter inner ring

Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	150 °C	Operating temperature max.

Calculation factors

f_0	16,6	Calculation factor
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Vlastnosti



Radiální zatížení



Axiální zatížení v jednom směru



Axiální zatížení ve dvou směrech



Mazání (plastickým mazivem)



Mazání olejem



Neutěsněné