



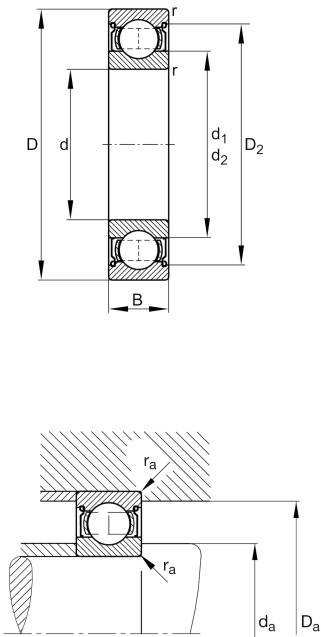
FAG

6015-2Z-L069-C3

Deep groove ball bearing

Deep groove ball bearing 60...-2Z, single row, shields, steel sheet metal cage

Technical information



Your current product variant

Sealing	2Z	Non-contact shield on both sides
Cage	JN	Steel sheet metal
Tolerance class	PN	Normal (PN)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	L069	Low noise high-temperature grease, interchangeable with grease L207
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	75 mm	Bore diameter
D	115 mm	Outside diameter
B	20 mm	Width
C <sub>r</sub>	42,000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	33,500 N	Basic static load rating, radial
C <sub>ur</sub>	2,020 N	Fatigue load limit, radial
n <sub>G</sub>	6,900 1/min	Limiting speed
n <sub>gr</sub>	6,300 1/min	Reference speed
m	0.64 kg	Weight



Mounting dimensions

$d_{a\min}$	81 mm	Minimum diameter shaft shoulder
$D_{a\max}$	109 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1 mm	Maximum fillet radius

Dimensions

$r_{\min}$	1.1 mm	Minimum chamfer dimension
$D_1$	102.58 mm	Shoulder diameter outer ring
$D_2$	105.34 mm	Caliber diameter outer ring
$d_1$	88.05 mm	Shoulder diameter inner ring

Temperature range

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

Calculation factors

$f_0$	15.8	Calculation factor
-------	------	--------------------

Characteristics

	Radial load
	Axial load in one direction
	Axial load in two directions
	Lifetime lubrication, freedom from maintenance
	Grease Lubrication
	Sealed on both sides