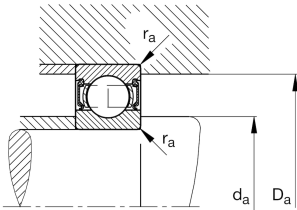
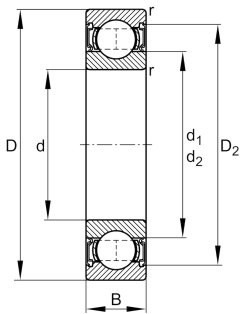


**FAG****6008-RSD-TVH-L207-C3**

Deep groove ball bearing

Deep groove ball bearing 60...-RSD-TVH,
single row, shield, plastic cage

Technical information



Your current product variant

Type of Seal	RSD	Non-contact seal on one side
Cage	TVH	Solid cage made of glass-fiber reinforced polyamid PA66
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	SN	Rings dimensional stabilized up to 120°
Lubricant	L207	Low noise high-temperature grease, interchangeable with grease L069
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	68 mm	Outside diameter
B	15 mm	Width
C _r	17.800 N	Basic dynamic load rating, radial
C _{0r}	11.500 N	Basic static load rating, radial
C _{ur}	600 N	Fatigue load limit, radial
n _G	14.600 1/min	Limiting speed
n _{gr}	10.600 1/min	Reference speed
m	0,187 kg	Weight



Mounting dimensions

$d_{a\min}$	44,6 mm	Minimum diameter shaft shoulder
$D_{a\max}$	63,4 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1 mm	Maximum fillet radius

Dimensions

$r_{\min}$	1 mm	Minimum chamfer dimension
D_1	59,06 mm	Shoulder diameter outer ring
D_2	61,56 mm	Caliber diameter outer ring
d_1	49,3 mm	Shoulder diameter inner ring

Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	100 °C	Operating temperature max.

Calculation factors

f_0	15,2	Calculation factor
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Characteristics

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Radial load
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Axial load in one direction
- 

Axial load in two directions
- 

Grease Lubrication
- 

Oil Lubrication
- 

Sealed on both sides