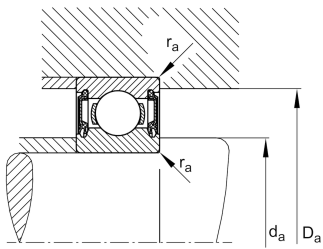
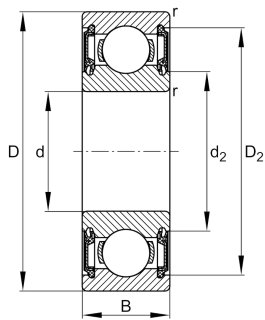


**FAG****6203-H-2RSR-C3>N**

Deep groove ball bearing

Deep groove ball bearing 62...-H-2RSR, single row, H-Series, seals, steel sheet metal cage

Technical information



Your current product variant

Version code	>N	Not marked on bearing
Changed internal design	H	Design variant H (H-Series)
Type of Seal	2RSR	Contact seal on both sides
Cage	JN	Steel sheet metal
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	SN	Rings dimensional stabilized up to 120°
Lubricant	Lubricating grease	
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	17 mm	Bore diameter
D	40 mm	Outside diameter
B	12 mm	Width
C _r	9.570 N	Basic dynamic load rating, radial
C _{0r}	4.790 N	Basic static load rating, radial
C _{ur}	295 N	Fatigue load limit, radial
n _G	10.900 1/min	Limiting speed
≈m	0,065 kg	Weight



Mounting dimensions

$d_{a\ min}$	21,2 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	35,8 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	0,6 mm	Maximum fillet radius

Dimensions

$r_{\min}$	0,6 mm	Minimum chamfer dimension
D_1	33,3 mm	Shoulder diameter outer ring
D_2	35,2 mm	Caliber diameter outer ring
d_1	24,8 mm	Shoulder diameter inner ring
d_2	23,5 mm	Caliber diameter inner ring

Temperature range

$T_{\min}$	-20 °C	Operating temperature min.
$T_{\max}$	100 °C	Operating temperature max.

Calculation factors

f_0	13,2	Calculation factor
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Characteristics

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