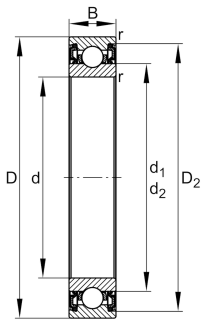
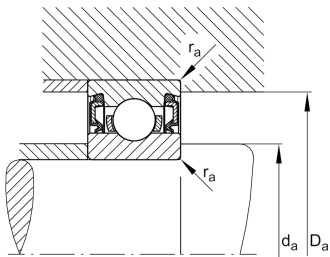


**FAG****61908-2RZ**

Deep groove ball bearing

Deep groove ball bearing 619...-2RZ, single row, shields, steel sheet metal cage

## Technical information



## Your current product variant

Sealing	2RZ	Non-contact seal on both sides
Cage	JN	Steel sheet metal
Tolerance class	PN	Normal (PN)
Dimensional / heat stabilization	SN	Rings dimensional stabilized up to 120°
Lubricant	L565	Grease (L565/customer specific)
Radial internal clearance	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical

## Main Dimensions &amp; Performance Data

d	40 mm	Bore diameter
D	62 mm	Outside diameter
B	12 mm	Width
C <sub>r</sub>	14,500 N	Basic dynamic load rating, radial
C <sub>0r</sub>	9,900 N	Basic static load rating, radial
C <sub>ur</sub>	590 N	Fatigue load limit, radial
n <sub>G</sub>	13,500 1/min	Limiting speed
n <sub>gr</sub>	10,000 1/min	Reference speed
≈m	0.11 kg	Weight



Mounting dimensions

$d_{a\min}$	43.2 mm	Minimum diameter shaft shoulder
$D_{a\max}$	58.8 mm	Maximum diameter of housing shoulder
$r_{a\max}$	0.6 mm	Maximum fillet radius

Dimensions

$r_{\min}$	0.6 mm	Minimum chamfer dimension
$D_1$	55.1 mm	Shoulder diameter outer ring
$D_2$	57.3 mm	Caliber diameter outer ring
$d_1$	46.9 mm	Shoulder diameter inner ring

Temperature range

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

Calculation factors

$f_0$	15.5	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