

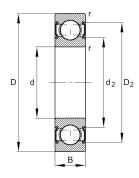
FAG

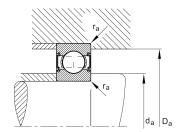
# 6208-C-2HRS>V □

Deep groove ball bearing

Deep groove ball bearing 62..-C-2HRS, single row, Generation C, seals, steel sheet metal cage

#### Technical information





## Your current product variant

Version code	>V	Not marked on bearing
Changed internal design	С	GenerationC
Sealing	2HRS	Contact seal on both sides
Cage	JN	Steel sheet metal
Tolerance class	P6	Class6 (P6), better than PN
Dimensional / heat stabilization	SN	Rings dimensional stabilized up to 120°
Lubricant	GA13	Ball bearing and insert bearing grease
Radial internal clearance	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical

#### **Main Dimensions & Performance Data**

d	40 mm	Bore diameter
D	80 mm	Outside diameter
В	18 mm	Width
Cr	33,500 N	Basic dynamic load rating, radial
C Or	17,800 N	Basic static load rating, radial
C ur	1,230 N	Fatigue load limit, radial
n G	7,800 1/min	Limiting speed
≈m	0.358 kg	Weight



#### **Mounting dimensions**

d a min	47 mm	Minimum diameter shaft shoulder
D a max	73 mm	Maximum diameter of housing shoulder
r a max	1 mm	Maximum fillet radius

#### **Dimensions**

<sup>r</sup> min	1.1 mm	Minimum chamfer dimension
D 1	67.6 mm	Shoulder diameter outer ring
D <sub>2</sub>	70.56 mm	Caliber diameter outer ring
d <sub>1</sub>	51.88 mm	Shoulder diameter inner ring
d <sub>2</sub>	49.3 mm	Caliber diameter inner ring

## Temperature range

T <sub>min</sub>	-20 °C	Operating temperature min.
T <sub>max</sub>	100 °C	Operating temperature max.

#### **Calculation factors**

f <sub>O</sub>	14	Calculation factor	

## Characteristics



