



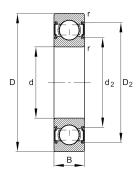
FAG

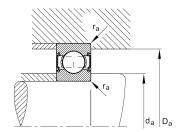
6001-C-2HRS>V □

Deep groove ball bearing

Deep groove ball bearing 60..-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	GA14	Ball bearing grease, low noise
Radial internal clearance	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	12 mm	Bore diameter
D	28 mm	Outside diameter
В	8 mm	Width
C _r	5.900 N	Basic dynamic load rating, radial
C _{Or}	2.370 N	Basic static load rating, radial
C _{ur}	164 N	Fatigue load limit, radial
n G	24.900 1/min	Limiting speed
≈m	0,02 kg	Weight



Mounting dimensions

d a min	14 mm	Minimum diameter shaft shoulder
D a max	26 mm	Maximum diameter of housing shoulder
^r a max	0,3 mm	Maximum fillet radius

Dimensions

^r min	0,3 mm	Minimum chamfer dimension
D 1	23,34 mm	Shoulder diameter outer ring
D ₂	25,1 mm	Caliber diameter outer ring
d ₁	16,66 mm	Shoulder diameter inner ring
d ₂	15,69 mm	Caliber diameter inner ring

Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	100 °C	Operating temperature max.

Calculation factors

f _O	13,1	Calculation factor	

Characteristics





Sealed on both sides