Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

created: 23.05.2018 / 03

article 697 VV MC5 QG BI6 **Art-No.** 48832 **brand** SKA **weight/kg** 0.00486

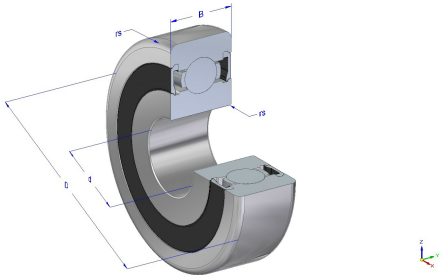
description

697	Size
VV	Sealing washers on both sides, not touching
MC5	Internal clearance
QG	Grease quantity

greasing

BI6	KLÜBER ISOFLEX TOPAS NCA 52

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	7	0 / -8	620-2
D	nominal outer diameter	17	0 / -8	620-2
B	width	5	0 / -120	620-2
rs min.	minimal chamfer dimension	0.3		625-1
MC5	internal clearance	0.013 / 0.02		

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	1610	35		281	710	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		36000				
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	13	20				

material specification

description	material	DIN/ISO	hardness
Inner ring	100Cr6	683-17	58-65
Outer ring	100Cr6	683-17	58-65
Balls	100Cr6	683-17	58-65
Cage	St12		
Sealing washers	St12/NBR, grey		

All information in this document was provided and checked carefully. Nevertheless, we can not assume any liability for incomplete or faulty information.