Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

created: 08.09.2016 / 05

article 683 ZZ MC3 NS7 **Art-No.** 47860 **brand** SKA **weight/kg** 0.001

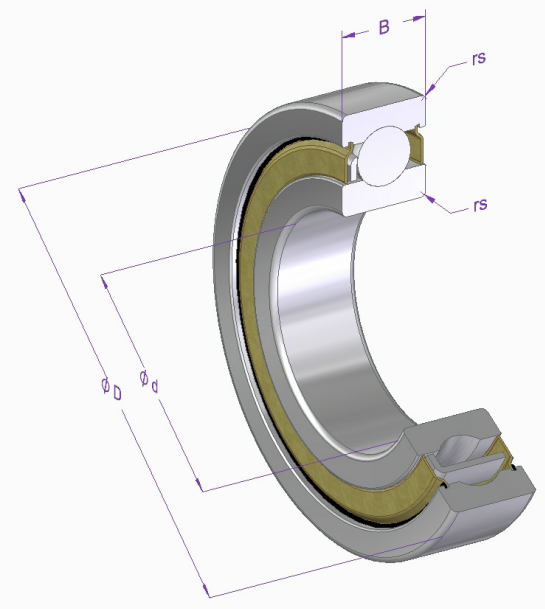
description

683	Size
ZZ	Shields on both sides, not touching
MC3	Internal clearance

greasing

NS7	KYODO YUSHI MULTEMP SRL

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	3	0 / -8	620-2
D	nominal outer diameter	7	0 / -8	620-2
B	width	3	0 / -120	620-2
rs min.	minimal chamfer dimension	0.1		616
MC3	internal clearance	0.005 / 0.010		WERKSNORM

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	472	7		281	150	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		63000				
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	5	10				

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	SUS304		
Shields	St12		
Snap rings	56Mn4		

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

article 683 ZZ MC3 NS7 **Art-No.** 47860

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