general data/description

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article 687 ZZ MC3 BA1 **Art-No.** 47135 **brand** SKA **weight/kg** 0.002

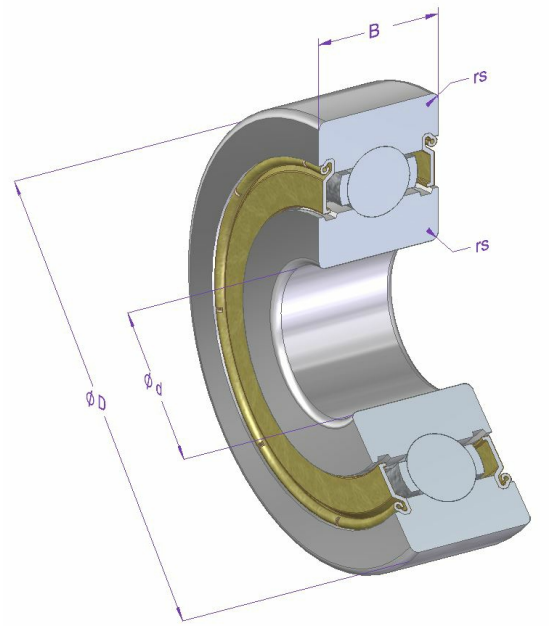
description

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

greasing

BA1	KLÜBER ASONIC GLY32

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	7	0 / -5	SONDER
D	nominal outer diameter	14	0 / -8	620-2
B	width	5	0 / -120	620-2
rs min.	minimal chamfer dimension	0.15		625-1
MC3	internal clearance	0.005 / 0.010		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	1170	27	281	510	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		40000	

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	St12		
Shields	St12		

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