Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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article 688 Z MC3 W06 QFH BI1 **Art-No.** 50430 **brand** SKA **weight/kg** 0.00435

remark QFH = Greasing 10% - 20% of free bearing space.

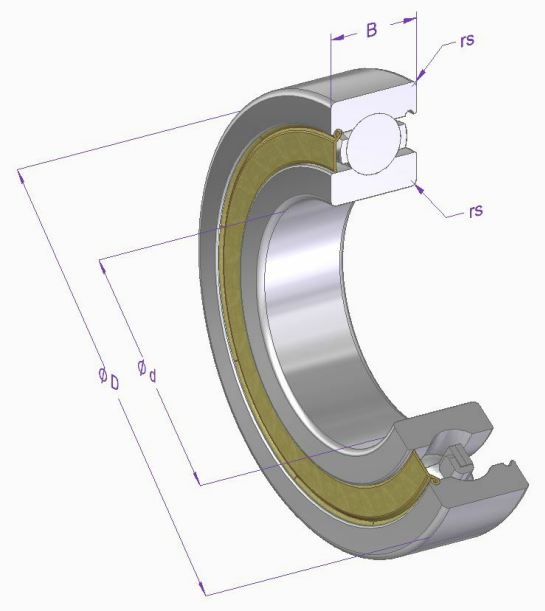
description

688	Size
Z	Shield on one side, not touching
MC3	Internal clearance
W06	Width
QFH	Grease quantity

greasing

BI1	KLÜBER ISOFLEX SUPER LDS 18

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	8	0 / -8	620-2
D	nominal outer diameter	16	0 / -8	620-2
B	width	6	0 / -120	SONDER
rs min.	minimal chamfer dimension	0.2		625-1
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
	1340	34	281	655	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	-50

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		
Shield	St12		

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