general data/description

created: 23.05.2018 / 01 page: 1 / 2

article 61800 ZZ QFH BI1 **Art-No.** 49525 **brand** SKA **weight/kg** 0.0056

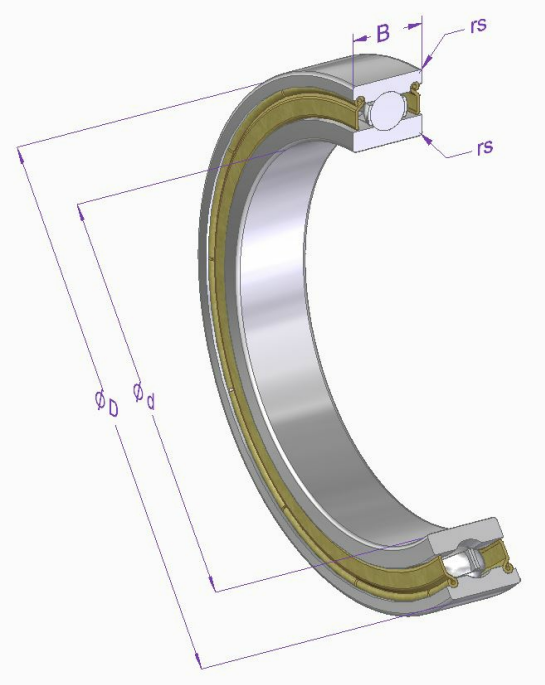
description

61800	Size
ZZ	Shields on both sides, not touching
QFH	Grease quantity

greasing

BI1	KLÜBER ISOFLEX SUPER LDS 18

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	10	0 / -8	620-2
D	nominal outer diameter	19	0 / -9	620-2
B	width	5	0 / -120	620-2
rs min.	minimal chamfer dimension	0.3		625-1

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	1600	39	281	760	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		34000	

operating temperature	max. [°C]	min. [°C]
	120	-20

bearing clearance	radial min. [µm]	max. [µm]
	2	13

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

article 61800 ZZ QFH BI1 **Art-No.** 49525

material specification

description	material	DIN/ISO	hardness
Sealing washers	St12/NBR		
Shields	Sheet steel	683-17	58-65
Shields	St12		
Cage	Sheet steel		
Sealing washers	Sheet steel/NBR		
Cage	CuZn40Pb2		
Cage	Sheet steel INOX		
Shield	Sheet steel		
Balls	Si3N4		
Sealing washers	St12/NBR		
Cage	ZCuZn40Pb2		
Inner ring	X95Cr18		
Outer ring	X95Cr18		
Balls	X95Cr18		
Shields	Sheet steel INOX		
Sealing washers	St12/NBR, grey		
Sealing washers	Sheet steel/NBR, grey		
Sealing washers	St12/NBR, red		
Inner ring	INOX		
Outer ring	INOX		
Balls	INOX		
Cage	HPb59-1		
Sealing washer	Sheet steel/NBR		
Inner ring	100Cr6	683-17	58-65
Outer ring	100Cr6	683-17	58-65
Balls	100Cr6	683-17	58-65
Cage	St12		
Shields	Sheet steel		

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