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general data/description

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article KRE 35 PP OP SK BH4 **Art-No.** 53401 **brand** SKA **weight/kg** 0.182

remark Load ratings calculated according norms for rolling bearings. Rotational speed for F < 0.05 C0rw.

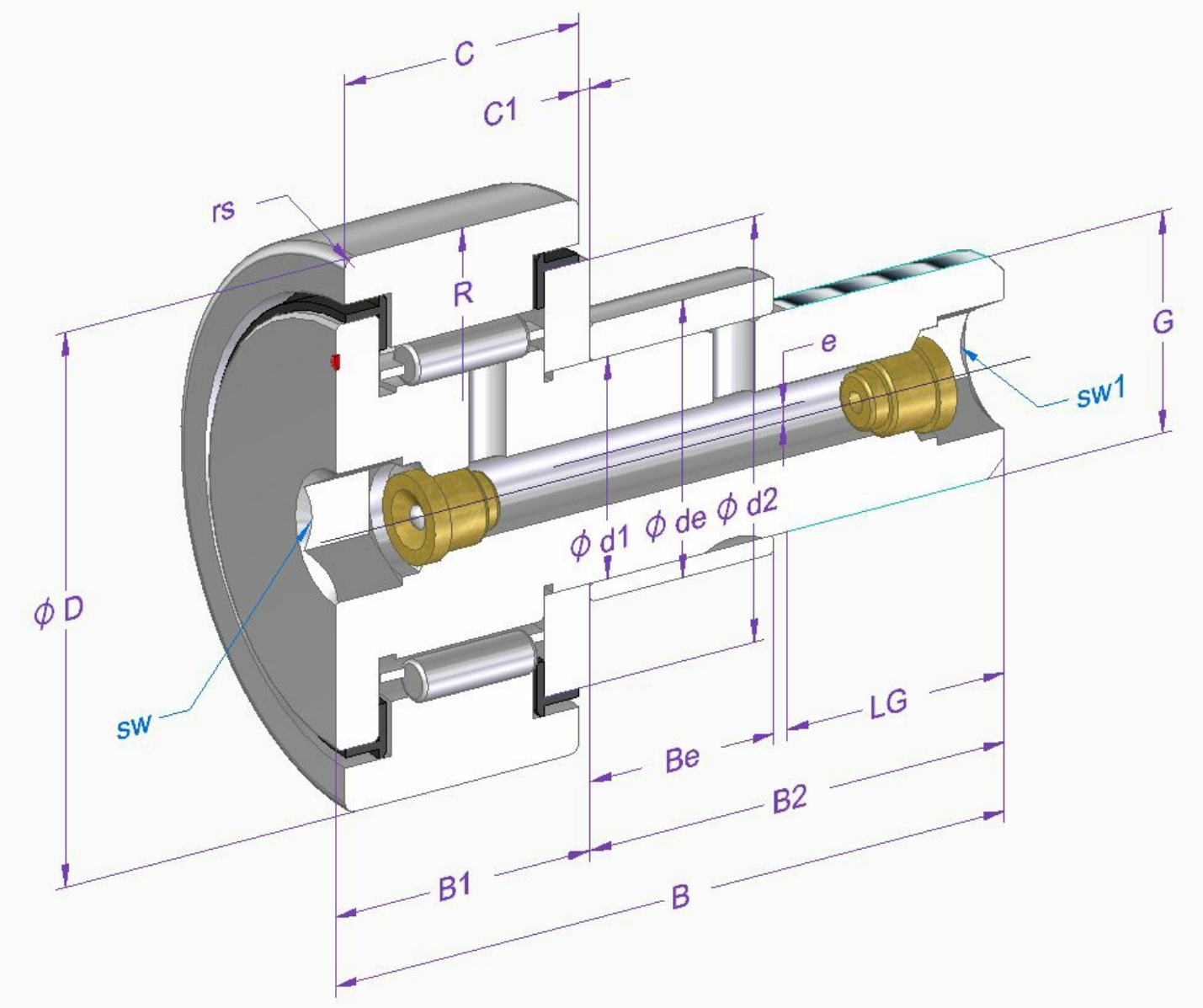
description

KRE	Design
35	Size
PP	Seals on both sides
OP	Optimized profile
SK	Hexagon socket

greasing

BH4	KLÜBER SYNTH UH1 64-62

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d1	shaft diameter	16	0 / -18	ISO 7063
d2	inner shoulder diameter	27.6		
D	nominal outer diameter	35	0 / -50	ISO 7063
C	outer ring width	18	0 / -120	ISO 7063
C1	distance	0.8		ISO 7063
B	length	52	-300 / 600	WERKSNORM
B1 max.	width	19.6		ISO 7063
B2	shaft lenght	32.5		ISO 7063

article KRE 35 PP OP SK BH4 **Art-No.** 53401

dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Be	eccentric length	14		
de	eccentric diameter	20	0 / -52	WERKSNORM
e	eccentricity	1		
rs min.	minimal chamfer dimension	0.6		ISO 7063
R	radius outer ring	OP		
G	thread	M16x1.5		ISO 7063
LG	thread length	17		ISO 7063
sw/sw1	wrench size	8		
Crw [N]	Effective dynamic load rating	10200		
C0rw [N]	Effective static load rating	12900		
Curw [N]	Effective fatigue limit load	1610		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	12400	2500	281	17900	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		3600	

operating temperature	max. [°C]	min. [°C]
	100	-20

bearing clearance	radial min. [µm]	max. [µm]
	10	35

material specification

description	material	DIN/ISO	hardness
Outer ring	100Cr6	683-17	58-65
Roller stud	16CrMo4		
Needle rollers	100Cr6	683-17	58-65
Thrust washer	100Cr6	683-17	58-65
Seals	PA66		
Cage	Sheet steel		
Eccentric ring	100Cr6	683-17	58-65

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