Hans Saurer Kugellager AG
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data sheet

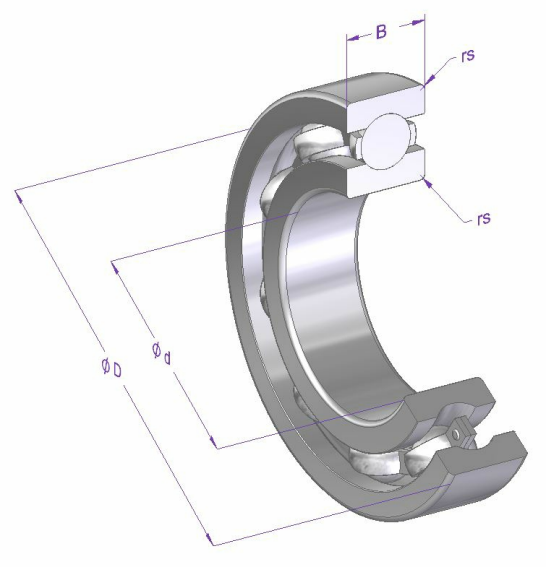
general data/description

created: 26.04.2018 / 01

article 16036 **Art-No.** 48875 **brand** SKA **weight/kg** 6.50

description
16036 Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	180	0 / -25	620-2
D	nominal outer diameter	280	0 / -35	620-2
B	width	31	0 / -250	620-2
rs min.	minimal chamfer dimension	2		625-1

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	145000	5400	281	157000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		2000	2400

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

bearing clearance	radial min. [µm]	max. [µm]
	20	61

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	Sheet steel		

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