Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

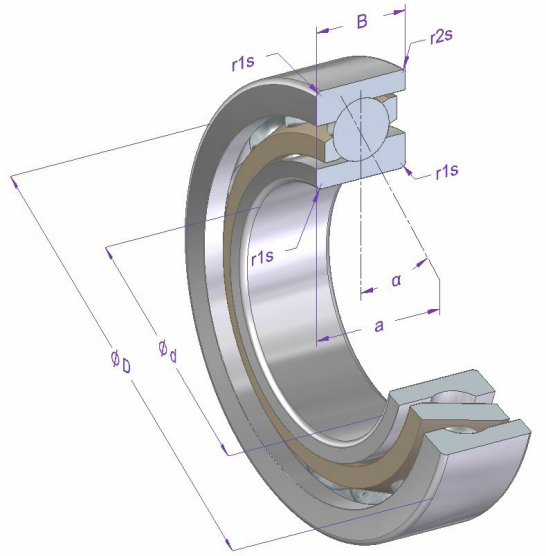
created: 08.12.2017 / 02

article 7215 B TVP U0 **Art-No.** 48281 **brand** SKA **weight/kg** 1.18

description

7215	Size
B	Pressure angle
TVP	Plastic cage
U0	Universally pairable, without clearance

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
D	nominal outer diameter	130	0 / -18	620-2
d	nominal inner diameter	75	0 / -15	620-2
B	width	25	0 / -150	620-2
r1s min.	minimal chamfer dimension	1.5		628-1
r2s min.	minimal chamfer dimension	1		628-1
a	load application point	55.5		
alpha	contact angle	40°		628-1

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	68700	3000	281	58500	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		3800	5300

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

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	PA66+GF25		

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