Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

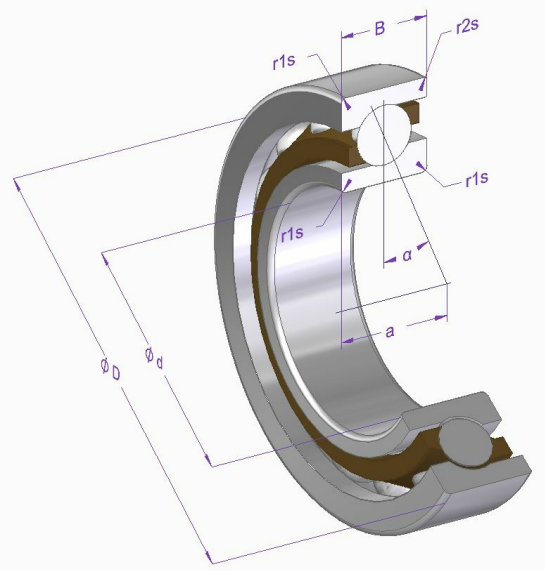
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article 7210 B TVP UA **Art-No.** 48280 **brand** SKA **weight/kg** 0.447

description

7210	Size
B	Pressure angle
TVP	Plastic cage
UA	Universally pairable, slight clearance

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
D	nominal outer diameter	90	0 / -13	620-2
d	nominal inner diameter	50	0 / -10	620-2
B	width	20	0 / -120	620-2
r1s min.	minimal chamfer dimension	1.1		628-1
r2s min.	minimal chamfer dimension	0.6		628-1
a	load application point	39.4		
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
	37400	1490	281	28600	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		5600	8000

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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