Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

created: 05.04.2016 / 03

article 7205 B TVP 2RS NS7 **Art-No.** 47215 **brand** SKA **weight/kg** 0.135

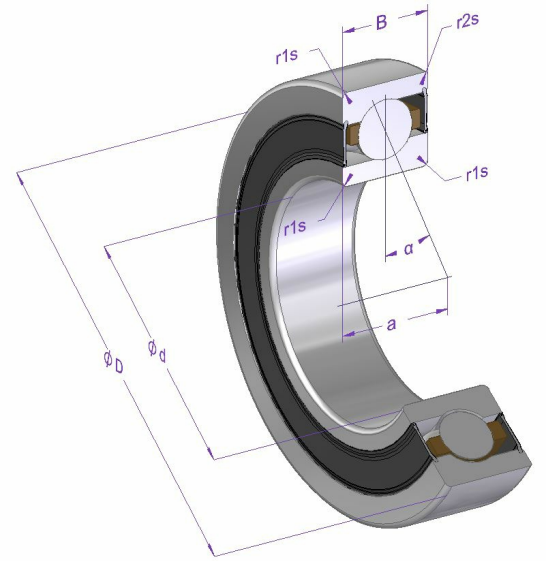
description

7205	Size
B	Pressure angle
TVP	Plastic cage
2RS	Sealing washers on both sides, touching

greasing

NS7	KYODO YUSHI MULTEMP SRL

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	25	0 / -10	620-2
D	nominal outer diameter	52	0 / -13	620-2
B	width	15	0 / -120	620-2
rs1 min.	minimal chamfer dimension	1		628-1
r2s min.	minimal chamfer dimension	0.6		628-1
alpha	contact angle	40°		628-1
a	load application point	~23.7		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	14800	490	281	9390	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		9000	

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		
Sealing washers	Sheet steel/NBR		

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