general data/description

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article 7210 B TVP 2RS NS7 **Art-No.** 45987 **brand** SKA **weight/kg** 0.485

remark Speed limit due to the seal.

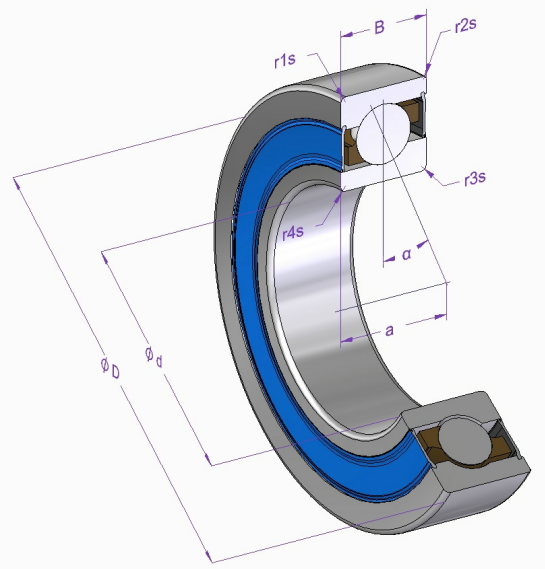
description

7210	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	50	0 / -12	620-2
D	nominal outer diameter	90	0 / -15	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
r3s min.	minimal chamfer dimension	1.1		628-1
r4s min.	minimal chamfer dimension	0.6		WERKSNORM
alpha	contact angle	40°		628-1
a	load application point	~39.4		
e	calculation factor	1.14		281
X0	calculation factor	0.5		76
Y0	calculation factor	0.26		76
X	calculation factor	0.35		281
Y	calculation factor	0.57		281

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]
		4800	

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

bearing clearance	axial min. [µm]	max. [µm]
	6	23

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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 washer	St12/NBR, black		
Sealing washer	St12/NBR, blue		

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