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data sheet

general data/description

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article 7307 B TVP 2RS NS7 **Art-No.** 47672 **brand** SKA **weight/kg** 0.477

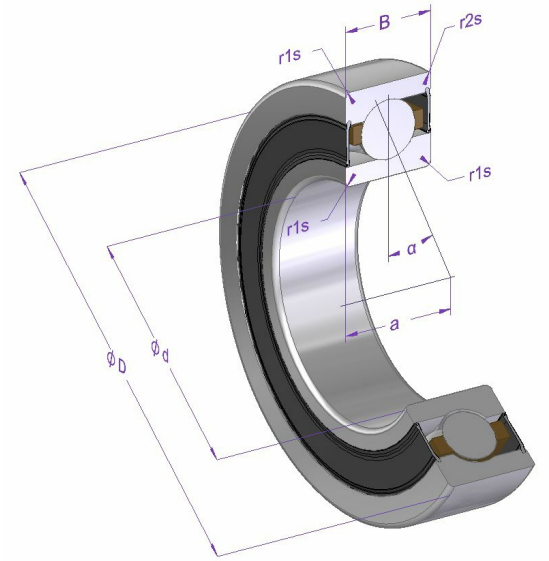
description

7307	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	35	0 / -12	620-2
D	nominal outer diameter	80	0 / -13	620-2
B	width	21	0 / -120	620-2
r1s min.	minimal chamfer dimension	1.5		628-1
r2s min.	minimal chamfer dimension	1		628-1
alpha	contact angle	40°		628-1
a	load application point	~34.6		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	32800	1100	281	21800	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		7500	

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		

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