Hans Saurer Kugellager AG
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data sheet

general data/description

created: 09.06.2020 / 02 page: 1 / 1

article 7602015 TVP 2RS BE4 **Art-No.** 47543

brand SKA **weight/kg** 0.052

remark Axial preload force 5740 N - Axial rigidity 516 N/µm - Axial runout are based on rotaring inner ring: 2µm

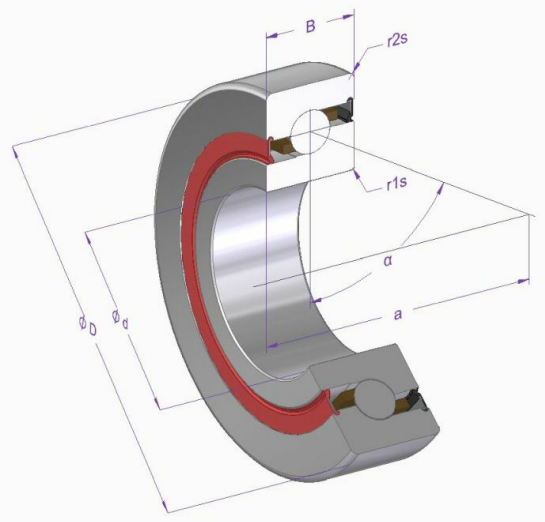
description

7602015	Size
TVP	Plastic cage
2RS	Sealing washers on both sides, touching

greasing

BE4	KLÜBERPLEX BEM41-132

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	15	0 / -4	620-2
D	nominal outer diameter	35	0 / -6	620-2
B	width	11	0 / -80	620-2
r1s min.	minimal chamfer dimension	0.6		616
r2s min.	minimal chamfer dimension	0.6		616
a	load application point	~27.5		
alpha	contact angle	60°		
Ca [N]	dynamic load rating, axial	13100		
C0a [N]	static load capacity, axial	24700		
Cua [N]	fatigue limit load, axial	1120		

calculation and operating data

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		6700	

operating temperature	max. [°C]	min. [°C]
	120	-40

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, orange		

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