Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

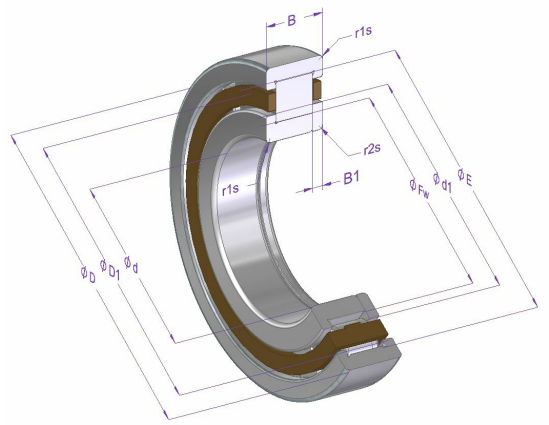
created: 24.04.2020 / 01 page: 1 / 1

article NUP 2206 E TVP2 **Art-No.** 51016 **brand** SKA **weight/kg** 0.263

description

NUP	Design
2206	Size
E	Reinforced version
TVP2	Plastic cage

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	30	0 / -10	620-2
D	nominal outer diameter	62	0 / -13	620-2
B	width	20	0 / -120	620-2
Fw	inner enveloping circle diameter	37.5	0 / 15	5412-1
r1s min.	minimal chamfer dimension	1		5412-1
r2s min.	minimal chamfer dimension	0.6		5412-1
d1	inner shoulder diameter	~ 41.3		5412-1
D1	outer shoulder diameter	~ 52.3		
B1	flange width	3.5		5412-1
E	raceway diameter outer ring	55.5		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	47900	6080	281	48800	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		9500	12000

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

bearing clearance	radial min. [µm]	max. [µm]
	20	45

material specification

description	material	DIN/ISO	hardness
Inner ring	100Cr6	683-17	58-65
Outer ring	100Cr6	683-17	58-65
Cylindrical rollers	100Cr6	683-17	58-65
Cage	PA66 + GF25		
Flange disc	100Cr6	683-17	58-65

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