Hans Saurer Kugellager AG
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data sheet

general data/description

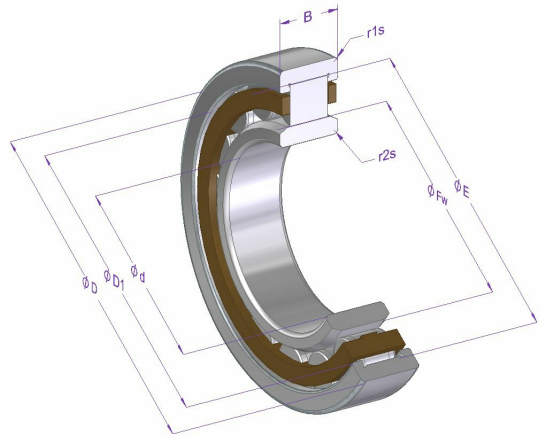
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article NU 2306 E TVP2 C3 **Art-No.** 45860 **brand** SKA **weight/kg** 0.52

description

NU	Design
2306	Size
E	Reinforced version
TVP2	Plastic cage
C3	Internal clearance

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	30	0 / -10	620-2
D	nominal outer diameter	72	0 / -13	620-2
B	width	27	0 / -120	620-2
Fw	inner enveloping circle diameter	40.5	0 / 15	5412-1
r1s min.	minimal chamfer dimension	1.1		5412-1
r2s min.	minimal chamfer dimension	1.1		5412-1
C3	internal clearance	0.035 / 0.06		620-4
s	axial displacement	~ 2.2		
D1	outer shoulder diameter	~ 59.2		
E	raceway diameter outer ring	62.5		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	74500		281	77500	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		8000	9500

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

bearing clearance	radial min. [µm]	max. [µm]
	35	60

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		

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