Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

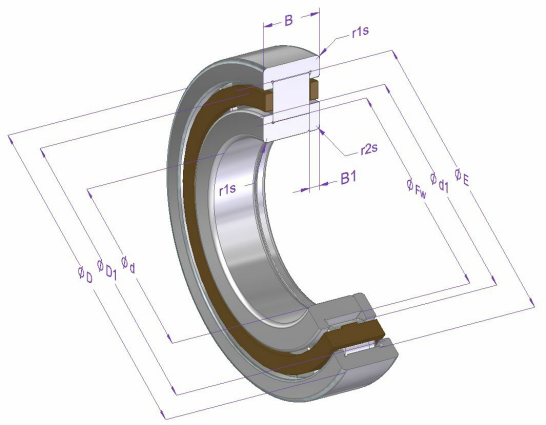
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article NUP 216 E TVP2 **Art-No.** 46716 **brand** SKA **weight/kg** 1.54

description

NUP	Design
216	Size
E	Reinforced version
TVP2	Plastic cage

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	80	0 / -15	620-2
D	nominal outer diameter	140	0 / -18	620-2
B	width	26	0 / -150	620-2
Fw	inner enveloping circle diameter	95.3	0 / 20	5412-1
r1s min.	minimal chamfer dimension	2		5412-1
r2s min.	minimal chamfer dimension	2		5412-1
D1	outer shoulder diameter	~ 123.1		
d1	inner shoulder diameter	~ 101.1		
E	raceway diameter outer ring	127.3		
B1	flange width	4.5		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	140000	20900	281	170000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		4400	5100

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

bearing clearance	radial min. [µm]	max. [µm]
	40	75

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		
Support ring	100Cr6	683-17	58-65

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