Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

general data/description

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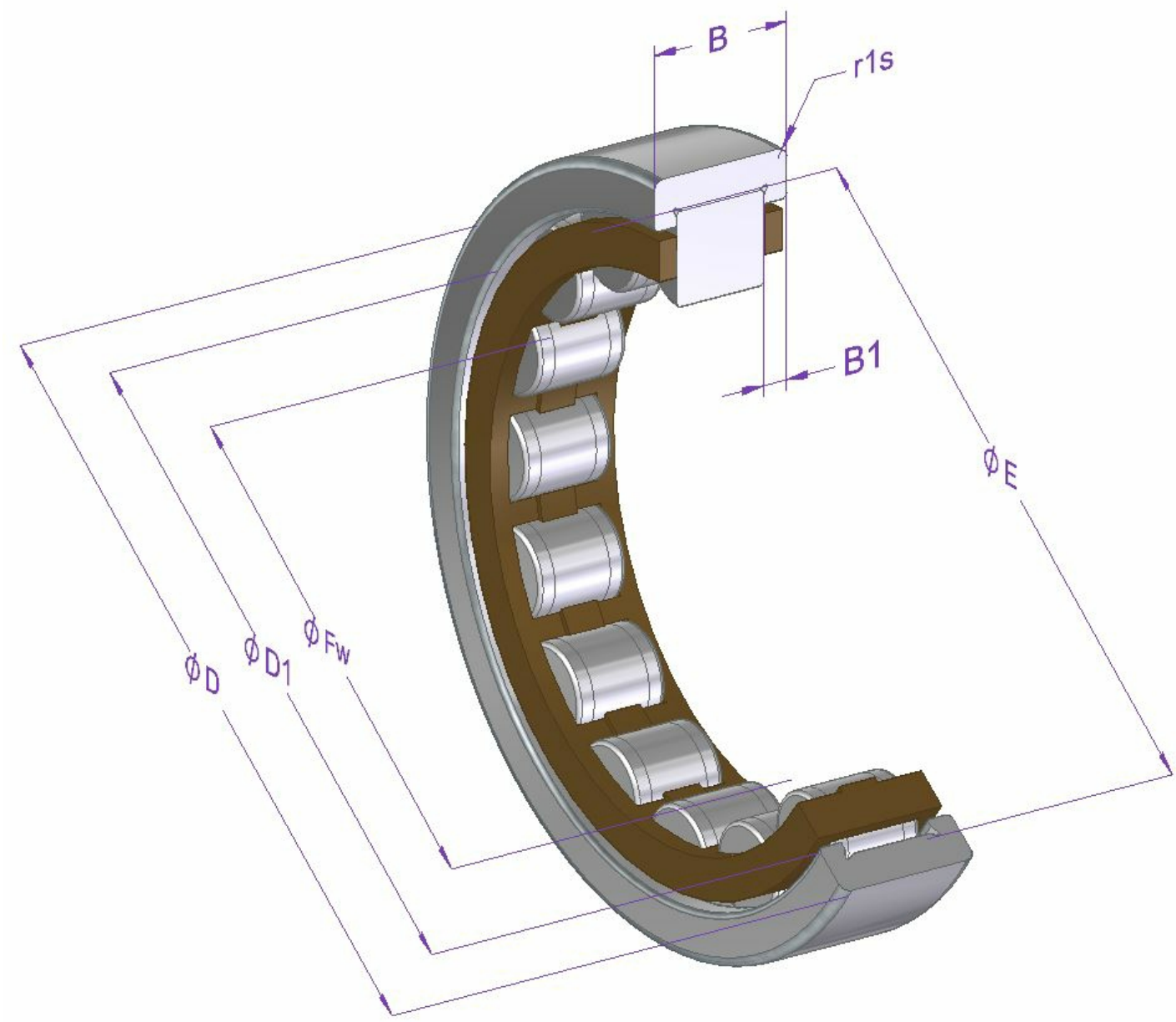
article RNU 204 E TVP2 HQS **Art-No.** 52125 **brand** SKA **weight/kg** 0.074

remark Calculation data are only valid with corresponding mating track.

description

RNU	Design
204	Size
E	Reinforced version
TVP2	Plastic cage
HQS	Material

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	26.5	0 / 10	5412-1
D	nominal outer diameter	47	0 / -11	620-2
B	width	14	0 / -120	620-2
r1s min.	minimal chamfer dimension	1		5412-1
B1	flange width	2.5		5412-1
D1	outer shoulder diameter	~38.8		
E	raceway diameter outer ring	41.5		

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calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]		DIN/ISO	static Co [N]	DIN/ISO
	27700	3080		281	25100	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		13000	16000			
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				

material specification

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

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