Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

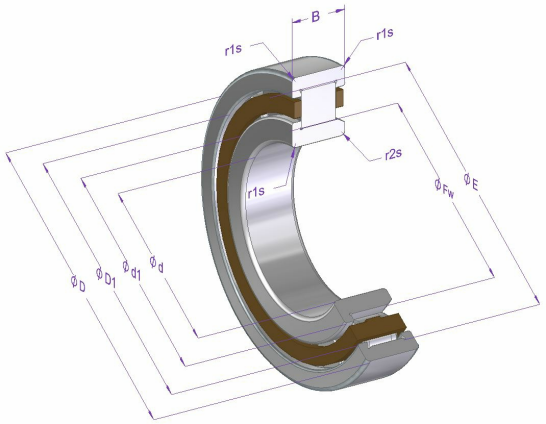
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article NJ 308 E TVP2 HQS **Art-No.** 47197 **brand** SKA **weight/kg** 0.655

description

NJ	Design
308	Size
E	Reinforced version
TVP2	Plastic cage
HQS	Material

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	40	0 / -12	620-2
D	nominal outer diameter	90	0 / -15	620-2
B	width	23	0 / -120	620-2
r1s min.	minimal chamfer dimension	1.5		5412-1
r2s min.	minimal chamfer dimension	1.5		5412-1
Fw	inner enveloping circle diameter	52	0 / 15	5412-1
E	raceway diameter outer ring	80		5412-1
d1	flange diameter of the inner ring	57.7		
D1	flange diameter of the outer ring	75.4		
s	axial displacement	~1.5		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	80300	9610	281	78400	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		6700	8000

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

bearing clearance	radial min. [µm]	max. [µm]
	25	50

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	58-66
Cage	PA66 + GF25		

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