general data/description

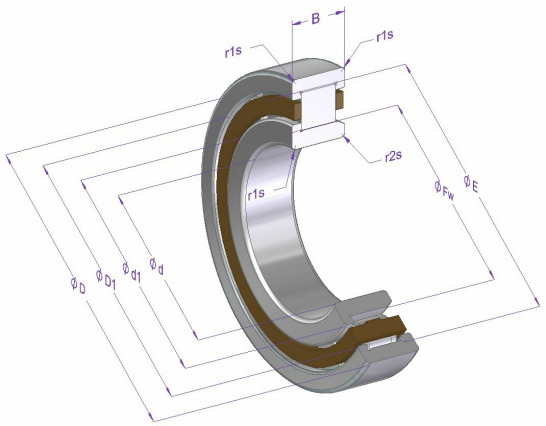
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article NJ 215 E TVP2 HQS C3 **Art-No.** 43479 **brand** SKA **weight/kg** 1.22

description

NJ	Design
215	Size
E	Reinforced version
TVP2	Plastic cage
HQS	Material
C3	Internal clearance

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	75	0 / -15	620-2
D	nominal outer diameter	130	0 / -18	620-2
B	width	25	0 / -150	620-2
Fw	inner enveloping circle diameter	88.5	0 / 20	5412-1
r1s min.	minimal chamfer dimension	1.5		5412-1
r2s min.	minimal chamfer dimension	1.5		5412-1
C3	internal clearance	0.065/0.100		620-4
s	axial displacement	~ 1.2		
d1	inner shoulder diameter	~ 94.4		
D1	outer shoulder diameter	~ 114.4		
E	raceway diameter outer ring	118.5		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	130000		281	156000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		4800	6000

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

bearing clearance	radial min. [µm]	max. [µm]
	65	100

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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