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general data/description

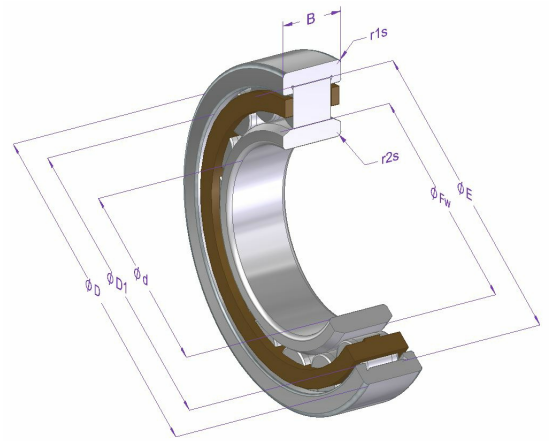
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article NU 202 E TVP2 HQS C3 **Art-No.** 50175 **brand** SKA **weight/kg** 0.047

description

NU	Design
202	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	15	0 / -8	620-2
D	nominal outer diameter	35	0 / -11	620-2
B	width	11	0 / -120	620-2
r1s min.	minimal chamfer dimension	0.6		5412-1
r2s min.	minimal chamfer dimension	0.3		5412-1
Fw	inner enveloping circle diameter	19.3	0 / 10	5412-1
E	raceway diameter outer ring	30.3		
D1	outer shoulder diameter	28		
s	axial displacement	~1		
C3	internal clearance	0.035 / 0.06		620-4

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	13000	1300	281	10600	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		18000	22000

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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