general data/description

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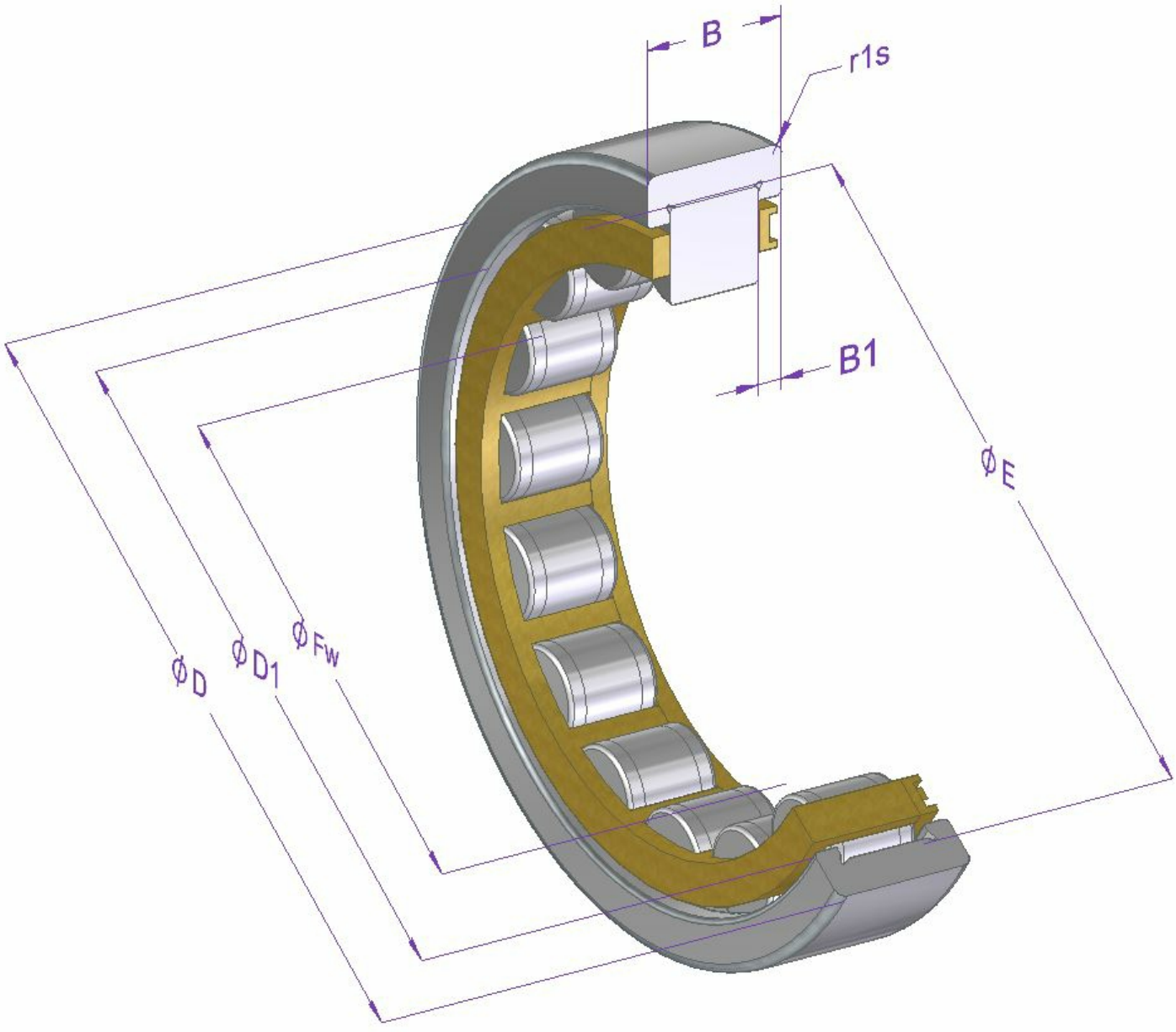
article RNU 316 E M1 HQS **Art-No.** 49901 **brand** SKA **weight/kg** 3.50

remark Calculation data are only valid with corresponding mating track.

description

RNU	Design
316	Size
E	Reinforced version
M1	Brass cage, roller centered
HQS	Material

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	101	0 / 20	5412-1
D	nominal outer diameter	170	0 / -25	620-2
B	width	39	0 / -150	620-2
r1s min.	minimal chamfer dimension	2.1		5412-1
B1	flange width	6		5412-1
E	raceway diameter outer ring	151		5412-1
D1	outer shoulder diameter	144.2		

article RNU 316 E M1 HQS **Art-No.** 49901

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	254000	32300	281	281000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		3600	4300

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	CuZn40Pb2		

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