general data/description

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article 2212 TN 2RS NS7 **Art-No.** 49175 **brand** SKA **weight/kg** 1.10

remark Y-Faktoren: Y1: Fa/Fr <= e / Y2: Fa/Fr > e

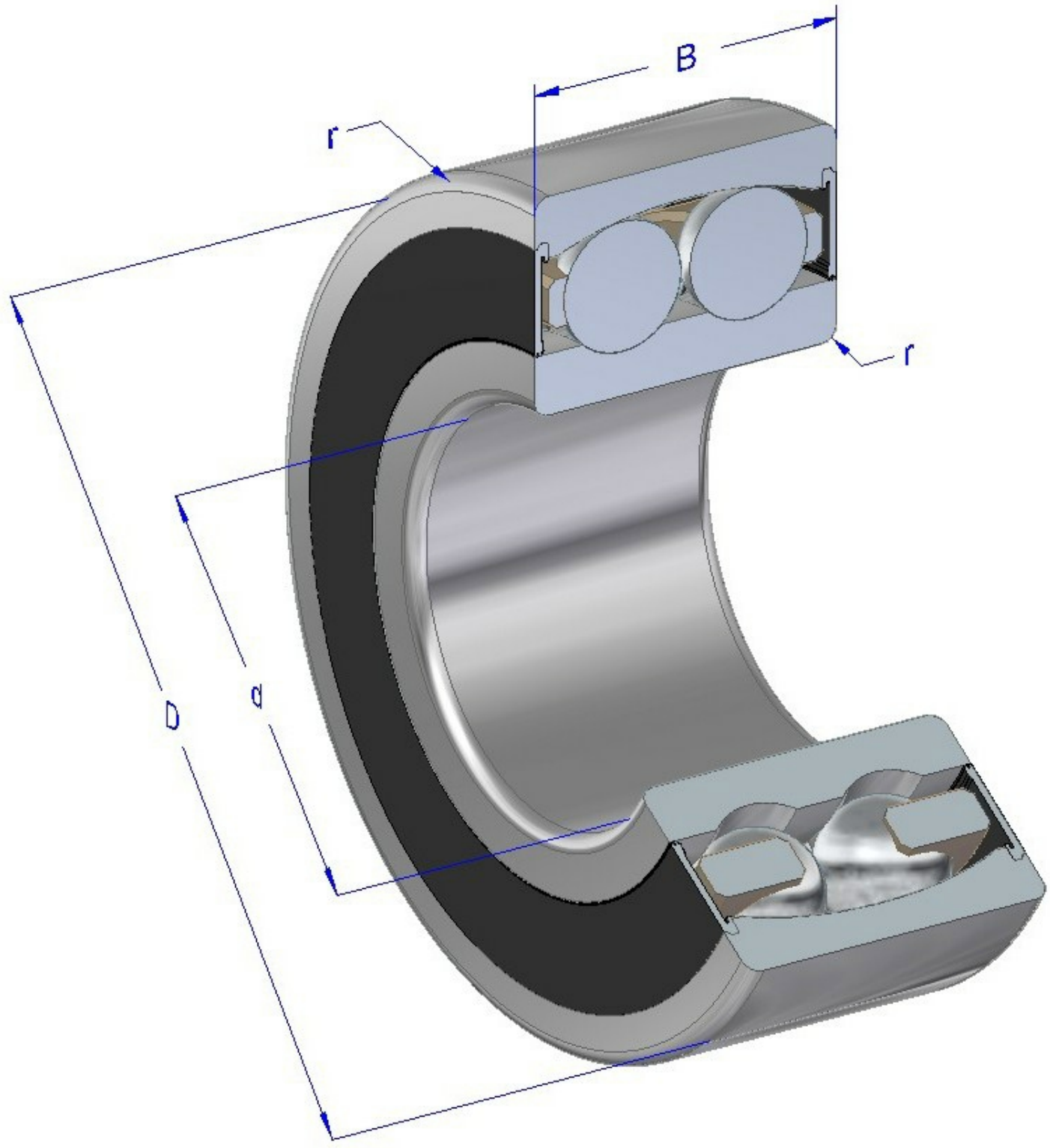
description

2212	Size
TN	Plastic cage
2RS	Sealing washers on both sides, touching

greasing

NS7	KYODO YUSHI MULTEMP SRL

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO

article 2212 TN 2RS NS7 **Art-No.** 49175

dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	60	0 / -15	620-2
D	nominal outer diameter	110	0 / -15	620-2
B	width	28	0 / -150	620-2
rs min.	minimal chamfer dimension	1.5		630
e	calculation factor	0.18		
Y1	calculation factor	3.41		
Y2	calculation factor	5.28		
Y0	calculation factor	3.57		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	30700	730	281	11600	76

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

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

bearing clearance	radial min. [µm]	max. [µm]
	16	36

material specification

description	material	DIN/ISO	hardness
Inner ring	100Cr6	683-17	58-65
Outer ring	100Cr6	683-17	58-65
Balls	100Cr6	683-17	58-65
Cage	PA66+GF25		
Sealing washers	Sheet steel/NBR		

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