Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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article 2308 TN 2RS QS NS1 **Art-No.** 48218 **brand** SKA **weight/kg** 0.925

remark QS = Greasing 40% - 50% of free bearing space.

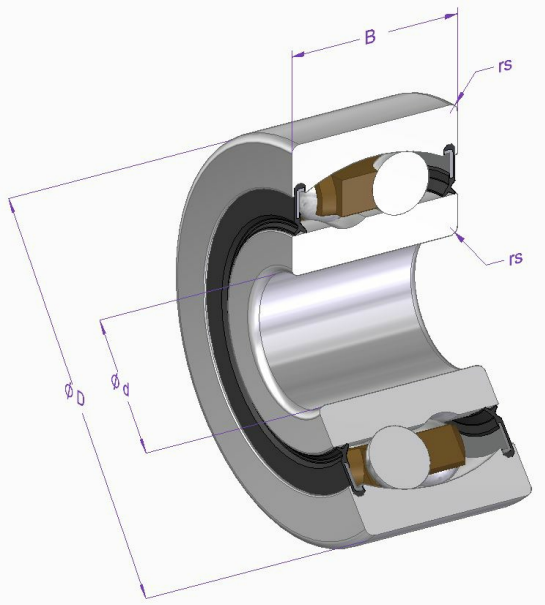
description

2308	Size
TN	Plastic cage
2RS	Sealing washers on both sides, touching
QS	Grease quantity

greasing

NS1	KYODO YUSHI RAREMAX SUPER N

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	33	0 / -120	620-2
rs min.	minimal chamfer dimension	1.5		630
e	calculation factor	0.24		281
Y1	calculation factor	2.62		281
Y2	calculation factor	4.05		281
Y0	calculation factor	2.74		76
X0	calculation factor	1		76
X1	calculation factor	1		281
X2	calculation factor	0.65		281

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	28800	575		281	9070	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		5300				
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	13	29				

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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	58-66
Cage	PA66+GF25		
Sealing washers	Sheet steel/NBR		

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