Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

article		Art-No.		brand		weight/kg	
	7005 A5 TYN VV SU L P4 NB5		32256				0.088

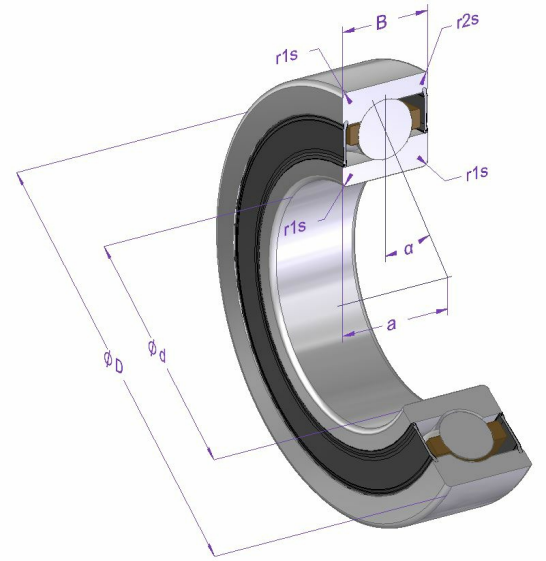
description

7005	Size
A5	Pressure angle
TYN	Plastic cage
VV	Sealing washers on both sides, not touching
SU	Layout
L	Slight preload

greasing

NB5	KLÜBER ISOFLEX NBU 15

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	25	0 / -5	620-2
D	nominal outer diameter	47	0 / -6	620-2
B	width	12	0 / -120	620-2
r1s min.	minimal chamfer dimension	0.6	0 / -40	628-6
r2s min.	minimal chamfer dimension	0.3		628-6
a	load application point	14.4		
alpha	contact angle	25°		628-6

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	7350		281	5230	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		29000	

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

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	PF		
Sealing washers	St12/NBR, grey		

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