Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

created: 08.05.2018 / 01

article 7903 A5 TY VV SU L P4 NB5 **Art-No.** 39869

brand **weight/kg** 0.036

remark QHK = Greasing 15% - 25% of free bearing space.

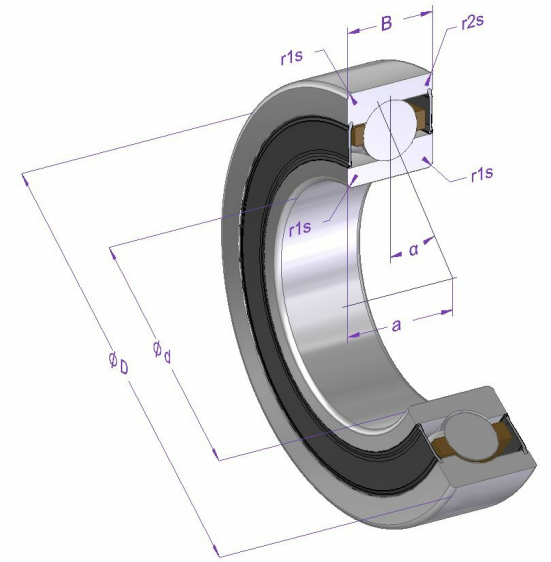
description

7903	Size
A5	Pressure angle
TY	Plastic cage
VV	Sealing washers on both sides, not touching
SU	Layout
L	Slight preload
P4	Tolerance class

greasing

NB5	KLÜBER ISOFLEX NBU 15

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	17	0 / -4	620-2
D	nominal outer diameter	30	0 / -5	620-2
B	width	7	-150 / 50	
r1s min.	minimal chamfer dimension	0.3		628-6
r2s min.	minimal chamfer dimension	0.1		628-6
a	load application point	~9		
alpha	contact angle	25°		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	4800	145	281	2800	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		30000	

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	PA66		
Sealing washers	Sheet steel/NBR		

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

article 7903 A5 TY VV SU L P4 NB5 **Art-No.** 39869

All information in this document was provided and checked carefully. Nevertheless, we can not assume any liability for incomplete or faulty information.