general data/description

article 7213 B TVP U0 P5 BI4 **Art-No.** 48038 **brand** SKA **weight/kg** 1.00

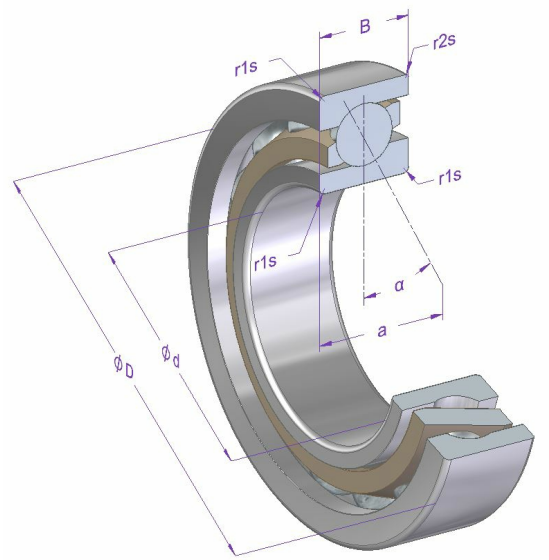
description

7213	Size
B	Pressure angle
TVP	Plastic cage
U0	Universally pairable, without clearance
P5	Tolerance class

greasing

BI4	KLÜBER ISOFLEX NBU 15

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
D	nominal outer diameter	120	0 / -10	620-2
d	nominal inner diameter	65	0 / -9	620-2
B	width	23	0 / -150	620-2
r1s min.	minimal chamfer dimension	1.5		628-1
r2s min.	minimal chamfer dimension	1		628-1
a	load application point	50.3		
alpha	contact angle	40°		628-1
e	calculation factor	1.14		281
X0	calculation factor	0.5		76
Y0	calculation factor	0.26		76
X	calculation factor	0.35		281
Y	calculation factor	0.57		281

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	63600	2740	281	52600	76

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

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

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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	58-65
Cage	PA66+GF25		

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