general data/description

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article ZKLFA 1050 2RS BE4 **Art-No.** 47399 **brand** SKA **weight/kg** 0.18

remark Nut not included.

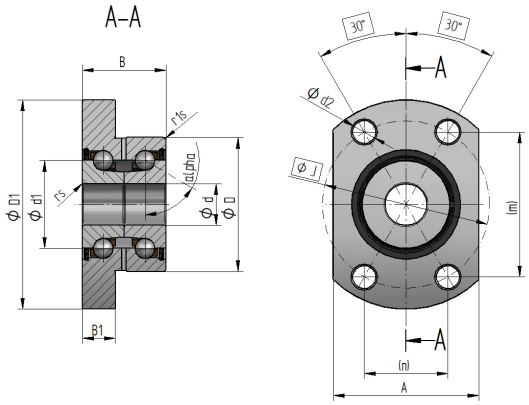
description

ZKLFA	Design
1050	Size
2RS	Sealing washers on both sides, touching

greasing

BE4	KLÜBERPLEX BEM41-132

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	10	0 / -5	
D	nominal outer diameter	32	0 / -10	
B	width	20	0 / -250	
rs min.	minimal chamfer dimension	0.3		
r1s min.	minimal chamfer dimension	0.6		
d1	inner shoulder diameter	21		
D1	flange diameter	50		
B1	flange thickness	8		
A	flange width	35		
J	mounting hole pitch diameter	40		
d2	mounting hole diameter	5.5		
m	mounting hole distance	(34.6)		
n	mounting hole distance	(20)		
alpha	contact angle	60°		
Ca [N]	dynamic load rating, axial	13400		
C0a [N]	static load capacity, axial	18800		
Cua [N]	fatigue limit load, axial	850		
caL [N/µm]	Axial rigidity	325		
ckL [Nm/mrad]	Tilting stiffness	25		
MRL [Nm]	Bearing friction torque	0.12		
Mm [kg*cm^2]	Mass moment of inertia	0.029		
MA [Nm]	(Nut-) Tightening torque	6		
FaV [N]	Axial preload force	4891		
PL [µm]	Axial runout are based on rotaring inner ring	2		

calculation and operating data

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		10900	

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

article ZKLFA 1050 2RS BE4 **Art-No.** 47399

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		

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