general data/description

created: 17.03.2022 / 01 page: 1 / 2

article ZKLFA 1563 2RS BE4 **Art-No.** 50604 **brand** SKA **weight/kg** 0.31

remark Nut not included.

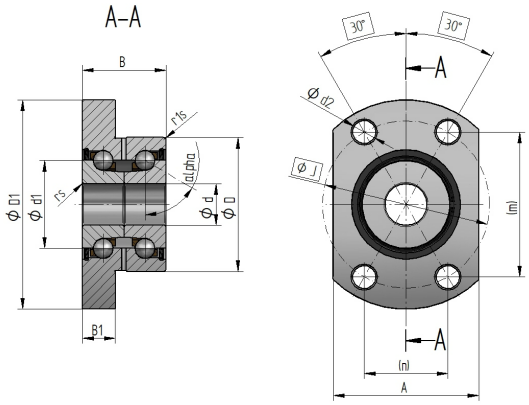
description

ZKLFA	Design
1563	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	15	0 / -5	
D	nominal outer diameter	42	0 / -10	
B	width	25	0 / -250	
rs min.	minimal chamfer dimension	0.3		
r1s min.	minimal chamfer dimension	0.6		
d1	inner shoulder diameter	28		
D1	flange diameter	63		
B1	flange thickness	10		
A	flange width	45		
J	mounting hole pitch diameter	53		
d2	mounting hole diameter	6.8		
m	mounting hole distance	(45.9)		
n	mounting hole distance	(26.5)		
alpha	contact angle	60°		
Ca [N]	dynamic load rating, axial	18000		
C0a [N]	static load capacity, axial	28500		
Cua [N]	fatigue limit load, axial	1300		
caL [N/µm]	Axial rigidity	400		
ckL [Nm/mrad]	Tilting stiffness	65		
MRL [Nm]	Bearing friction torque	0.2		
Mm [kg*cm^2]	Mass moment of inertia	0.102		
MA [Nm]	(Nut-) Tightening torque	10		
FaV [N]	Axial preload force	5484		
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]
		8200	

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

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article ZKLFA 1563 2RS BE4 **Art-No.** 50604

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	Plastic material		
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.