general data/description

created: 10.10.2018 / 01 page: 1 / 2

article ZKLF 1560 2RS BE4 **Art-No.** 49746

brand SKA **weight/kg** 0.43

remark Axial preload force 5484 N - Axial rigidity 400 N/µm - Axial runout are based on rotaring inner ring: 2µm

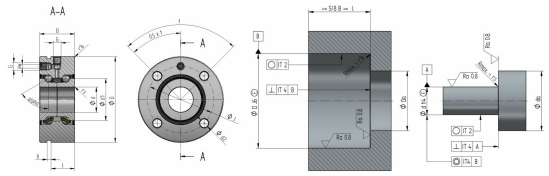
description

ZKLF	Design
1560	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	WERKSNORM
D	nominal outer diameter	60	0 / -10	WERKSNORM
B	width	25	0 / -250	WERKSNORM
rs min.	minimal chamfer dimension	0.3		
r1s min.	minimal chamfer dimension	0.6		
d1	inner shoulder diameter	28		
d2	mounting hole diameter	6.8		
J	pitch diameter	46		
t	mounting holes pitch	3 x 120°		
b	exctraction groove width	3	0 / 500	WERKSNORM
l	exctraction groove distance	17	-500 / 500	WERKSNORM
alpha	contact angle	60°		
G	thread	M6		
sw	wrench size	3		
Da max.	mounting dimension	35		
da min.	mounting dimension	20		
d h4	mounting dimension	15	0 / -5	WERKSNORM
D J6	mounting dimension	60	-6 / 13	WERKSNORM
Ca [N]	dynamic load rating, axial	19600		
C0a [N]	static load capacity, axial	28000		
Cua [N]	fatigue limit load, axial	1650		

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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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	St12/NBR		

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