general data/description

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article ZKLN 2557 2RS BE4 **Art-No.** 52318 **brand** SKA **weight/kg** 0.36

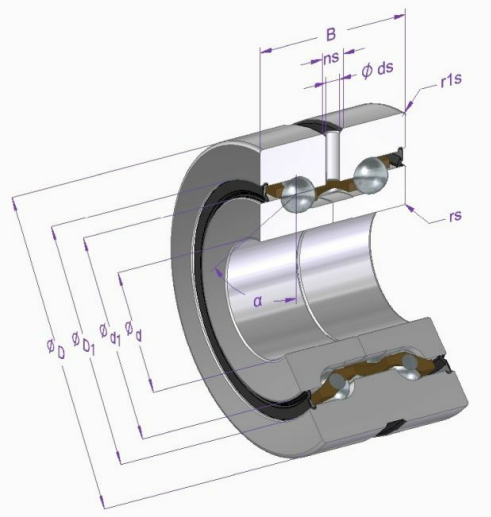
description

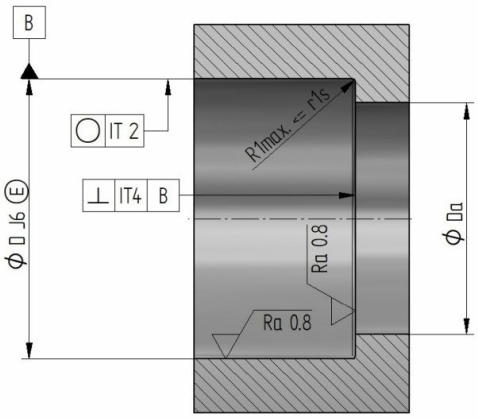
ZKLN	Design
2557	Size
2RS	Sealing washers on both sides, touching

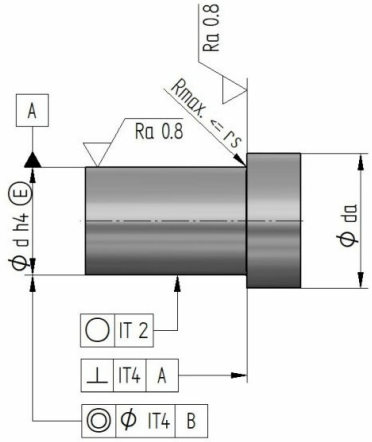
greasing

BE4	KLÜBERPLEX BEM41-132

dimensions and tolerances







dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	25	0 / -5	WERKSNORM
D	nominal outer diameter	57	0 / -10	WERKSNORM
B	width	28	0 / -250	WERKSNORM
d1	mounting dimension	40.5		
D1	mounting dimension	-		
rs min.	minimal chamfer dimension	0.3		
r1s min.	minimal chamfer dimension	0.6		
alpha	contact angle	60°		
ns	lubrication groove width	3.8		
ds	diameter lubrication hole	3x Ø3		
d h4	mounting dimension	25	0 / -6	
da min.	mounting dimension	32		
D J6	mounting dimension	57	-6 / 13	
Da max.	mounting dimension	48		
Rmax.	mounting dimension	0.3		
R1max.	mounting dimension	0.6		
Ca [N]	dynamic load rating, axial	30500		
C0a [N]	static load capacity, axial	55000		
Cua [N]	fatigue limit load, axial	3350		
caL [N/µm]	Axial rigidity	750		
ckL [Nm/mrad]	Tilting stiffness	200		
Mm [kg*cm^2]	Mass moment of inertia	0.486		
MA [Nm]	(Nut-) Tightening torque	25		
FaV [N]	Axial preload force	9123		
PL [µm]	Axial runout are based on rotaring inner ring	2		

article ZKLN 2557 2RS BE4 **Art-No.** 52318

calculation and operating data

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		5700	

operating temperature	max. [°C]	min. [°C]
	120	-40

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.