general data/description

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article KRV 35 PP X SK LX3 **Art-No.** 49111

brand SKA **weight/kg** 0.171

remark Tragzahlen gerechnet nach Normen für Wälzlager. Drehzahl für F < 0.05 C0

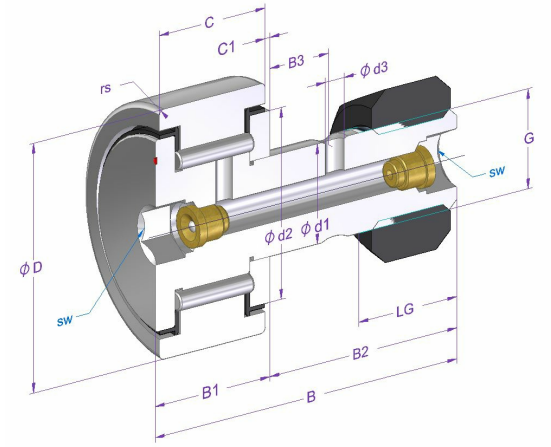
description

KRV	Design
35	Size
PP	Seals on both sides
X	Cylindrical lateral surface
SK	Hexagon socket

greasing

LX3	SHELL GADUS S3 V220C 2

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d1	shaft diameter	16	0 / -18	
d2	inner shoulder diameter	27.6		
d3	diameter lubrication hole	3		
D	nominal outer diameter	35	0 / -11	620-2
C	outer ring width	18	0 / -120	620-2
C1	distance	0.8		
B	length	52	-300 / 600	620-2
B1 max.	width	19.6		
B2	shaft lenght	32.5		
B3	distance lubrication hole	6		
G	thread	M16x1.5		
LG	thread length	17		
sw	wrench size	8		
rs min.	minimal chamfer dimension	0.6		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	19200	4600	281	31700	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		1600	

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

bearing clearance	radial min. [µm]	max. [µm]
	0	25

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material specification

description	material	DIN/ISO	hardness
Outer ring	100Cr6	683-17	58-65
Roller stud	16CrMo4		
Needle rollers	100Cr6	683-17	58-65
Thrust washer	100Cr6	683-17	58-65
Seals	PA66		

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