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general data/description

created: 11.04.2016 / 04

article 22319 E W33 **Art-No.** 45896

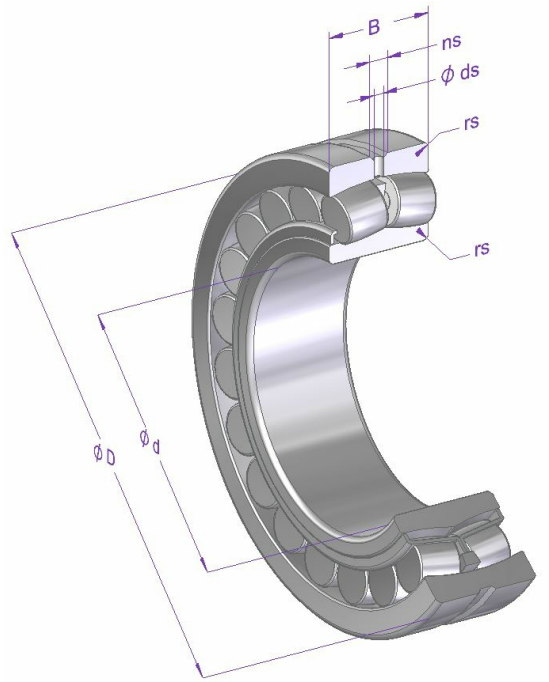
brand SKA **weight/kg** 9.70

remark Y-factors: Y1: Fa/Fr <= e / Y2: Fa/Fr > e / X-factors: X1: Fa/Fr <= e / X2: Fa/Fr > e.

description

22319	Size
E	Reinforced version
W33	Lubrication groove and -hole in outer ring

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	95	0 / -20	620-2
D	nominal outer diameter	200	0 / -30	620-2
B	width	67	0 / -200	620-2
rs min.	minimal chamfer dimension	3		635-2
ns	lubrication groove width	11.1		
ds	diameter lubrication hole	3x Ø6		
e	calculation factor	0.33		281
Y1	calculation factor	2.02		281
Y2	calculation factor	3		281
Y0	calculation factor	1.97		76
X1	calculation factor	1		281
X2	calculation factor	0.67		281
X0	calculation factor	1		76

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	583000	65400	281	655000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		2200	2800

operating temperature	max. [°C]	min. [°C]
	150	-20

bearing clearance	radial min. [µm]	max. [µm]
	60	100

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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
Spherical rollers	100Cr6	683-17	58-66
Cage	Sheet steel		
Guide ring	PM Steel		

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