general data/description

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article 22206 E W33 **Art-No.** 45192

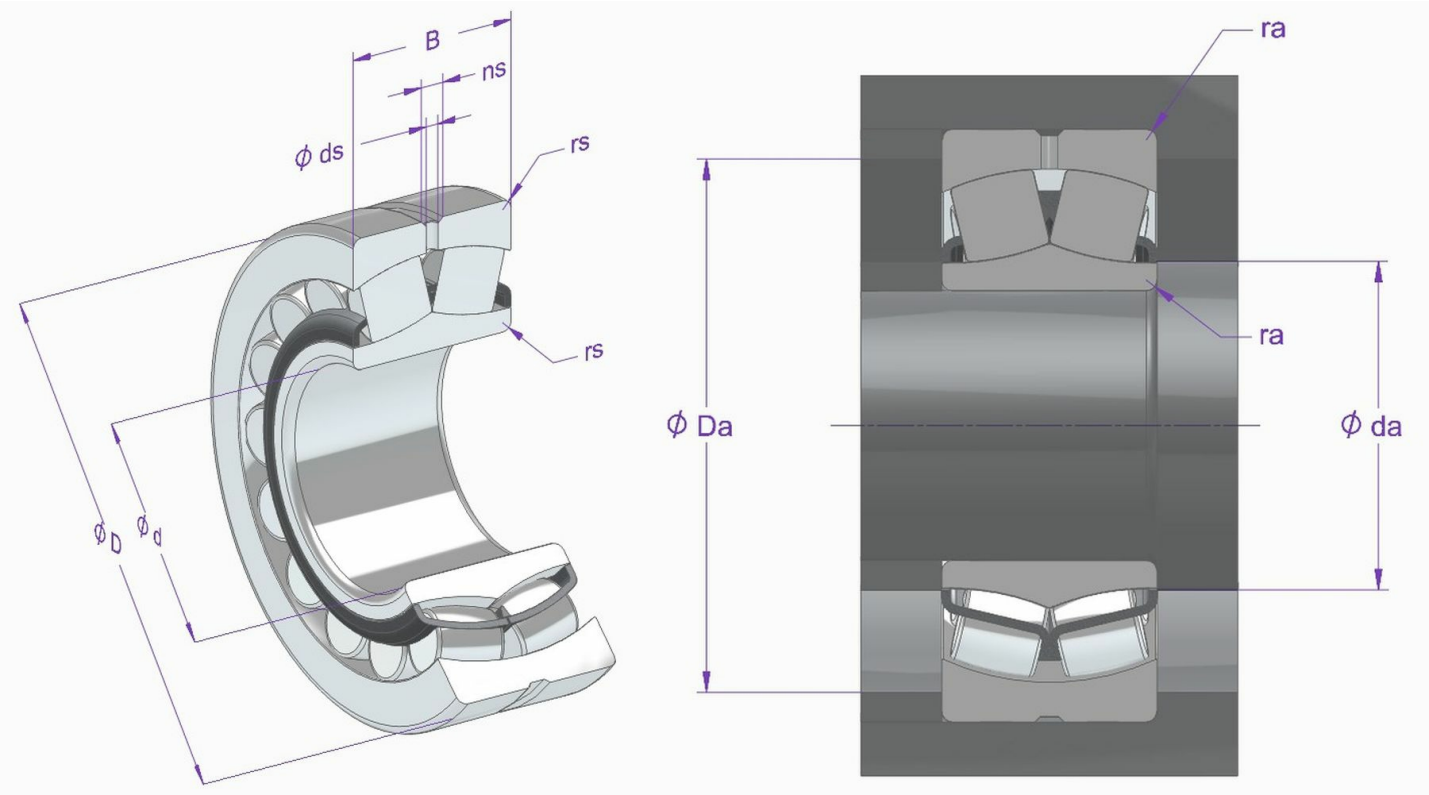
brand SKA **weight/kg** 0.27

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

description

22206	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	30	0 / -10	620-2
D	nominal outer diameter	62	0 / -13	620-2
B	width	20	0 / -120	620-2
rs min.	minimal chamfer dimension	1		635-2
ns	lubrication groove width	3.7		
ds	diameter lubrication hole	3x Ø2		
da min.	mounting dimension	35.6		5418
Da max.	mounting dimension	56.4		5418
ra max.	mounting dimension	1		5418
e	calculation factor	0.33		281
Y1	calculation factor	2.06		281
Y2	calculation factor	3.06		281
Y0	calculation factor	2.01		76
X1	calculation factor	1		281
X2	calculation factor	0.67		281
X0	calculation factor	1		76

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calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	56500	6400		281	60000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		6000	7500			
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	25	40				

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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