SFERAX STANDARD GBL 3045 A

1010.003045.20



Application
This ball bearing has high manufacturing standards, as well as all the fundamental qualities to ensure very high precision linear movements, without any stroke limitation, without play and
practically free of friction and wear.
Advantages
– Brass precision-milled ball tray (GBL)
– Smooth, jerk-free operation
– Noiseless

INNER DIAMETER D

30 mm

OUTER DIAMETER D

45 mm

LENGTH

54 mm

Product Number	1010.003045.20
Product Designation	SFERAX STANDARD GBL 3045 A
Net Weight	303 g
Tare Weight	26 g
Outer diameter D	45
Inner diameter d	30
Length	54 mm
Tolerance Inner diameter	0/-11 µm
Tolerance outer diameter	0/-15 µm

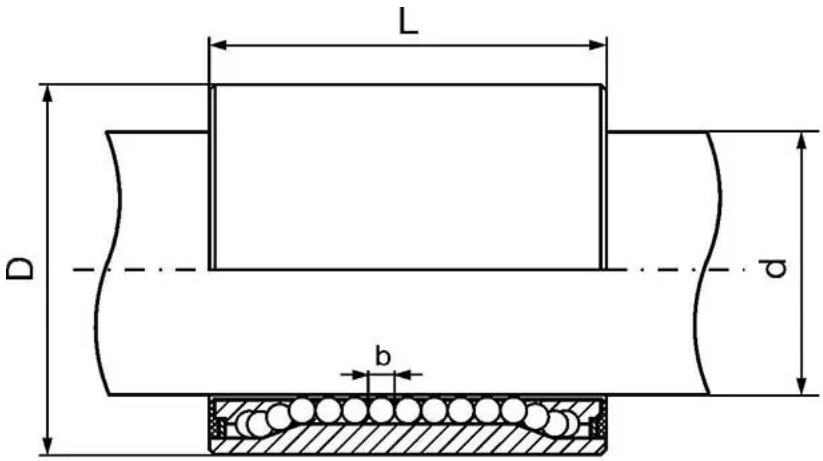
Tolerance length	0/-300 µm
Max. eccentricity	<10 µm
Recommended tolerance on the shaft	-5/-10 µm
Dynamic load capacity	3712.5
Static load capacity N	4125
Dynamic factor Y	0.00024
Diameter balls b	3.000 mm
Diameter bottom of grooves D1	43.5 mm
Spacing grooves (0/+01 mm) E	42 mm

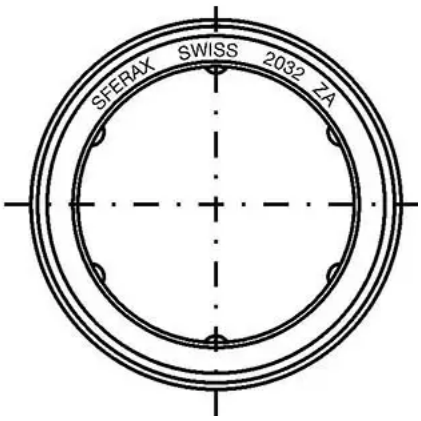
Width groove 0/+0.1 mm e	1.75 mm
Cage material	DIN MS60Pb (17660)
Housing material	DIN 100Cr6 (1.3505)
Number of ball tracks	6
Operating temperature	-30 / +80°C
Precision class	A
Recommended shaft quality	I, IIIR
Tolerance Bore (pressed mounted)	-2/-10 µm
Tolerance bore (glue mounted)	H6

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