

SFERAX STANDARD GBL 100150 B

1010.100150.10



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

100 mm



OUTER DIAMETER D

150 mm



LENGTH

190 mm

Product Number	1010.10015 0.10	Max. eccentricity	<30 µm	Cage material	DIN MS60Pb (17660)
Product Designation	SFERAX STANDARD GBL 100150 B	Recommended tolerance on the shaft	h6	Housing material	DIN 100Cr6 (1.3505)
Net Weight	12200 g	Dynamic load capacity	41958	Number of ball tracks	6
Outer diameter D	150	Static load capacity N	46620	Operating temperature	-30 / +80°C
Inner diameter d	100	Dynamic factor Y	0.000021	Precision class	B
Length	190 mm	Diameter balls b	10.000 mm	Recommended shaft quality	III
Tolerance Inner diameter	0/+40 µm	Diameter bottom of grooves D1	145.0 mm	Tolerance Bore (pressed mounted)	-2/-20 µm
Tolerance outer diameter	0/-30 µm	Spacing grooves (0/+01 mm) E	170 mm	Tolerance bore (glue mounted)	H6
Tolerance length	0/-500 µm	Width groove 0/+0.1 mm e	4.00 mm		

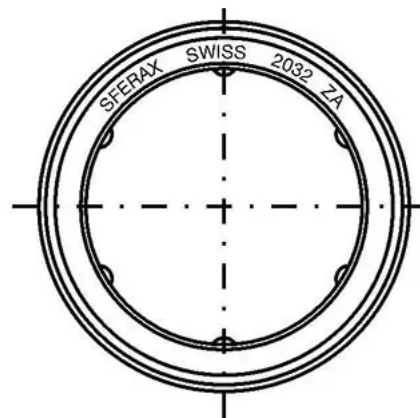
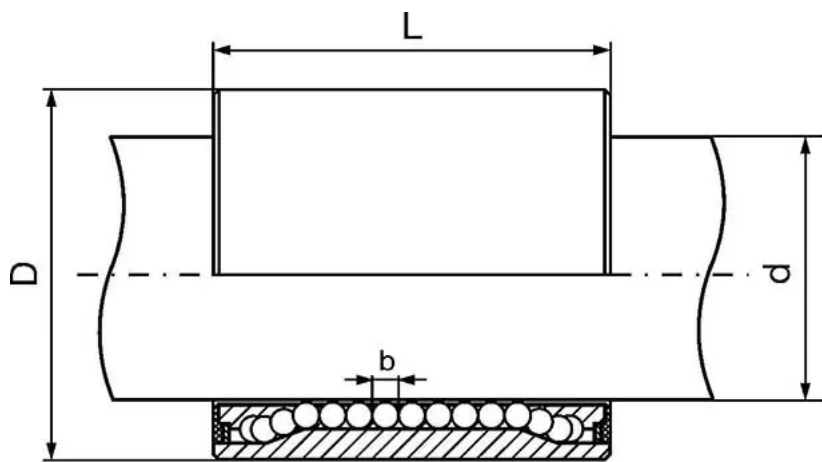
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