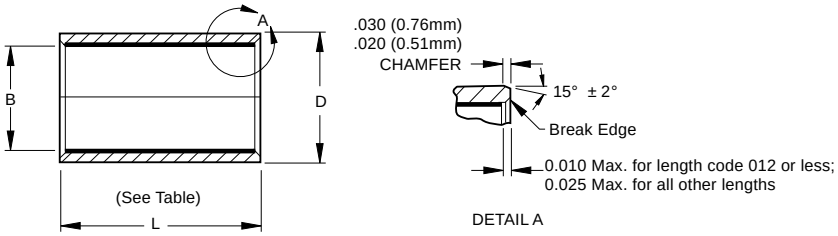
EN 2285 ALUMINUM SELF-LUBRICATED STRAIGHT JOURNAL BEARING

European Standards

- Bushes (journal) type
- High temperature — low wear
  -55°C to +163°C (-65°F to +325°F)
- Material and notes:
  Aluminum alloy, Cond. T8511 anodized per MIL-A-8625, according to EN 2086, EN 2701 or EN 2704. Anodized per EN 2101A or EN 2284A
  Liner: Fibriloid® or "E" Uniflon® qualified to AS81934, according to EN 2311



SPECIFICATIONS AND ORDERING INFORMATION

EN 2285 Aluminum Self-lubricated Straight Journal Bearing

B		D		Length																
nom	tol	nom	tol p6	6	8	10	12	15	16	18	20	22	25	28	30	32	35	40	45	50
				L -0.1 -0.4																
				Mass in kg/1000 pcs																
6	+0.022 +0.004	10	+0.024 -0.015	0.9																
8	+0.027 +0.005	12	+0.029 +0.018	1.1	1.4															
10	+0.027 +0.005	14	+0.029 +0.018	1.3	1.7	2.1														
12	+0.027 +0.005	16	+0.029 +0.018	1.5	2.0	2.5	3.0													
15	+0.033 +0.006	19	+0.035 +0.022		2.4	3.0	3.6	4.6												
16	+0.033 +0.006	20	+0.035 +0.022		2.6	3.2	3.8	4.8	5.1											
18	+0.033 +0.006	22	+0.035 +0.022			3.6	4.3	5.5		6.6										
20	+0.04 +0.007	25	+0.035 +0.022			5.0	6.0	7.5			10.0									
22	+0.04 +0.007	26	+0.035 +0.022				5.1	6.4			8.5	9.4								
25	+0.04 +0.007	30	+0.035 +0.022				7.4	9.2			12.5	13.5	15.3							
28	+0.04 +0.007	34	+0.042 +0.026					12.4			16.6	18.2	20.7	23.2						
30	+0.04 +0.007	36	+0.042 +0.026					13.3			17.7	19.5	22.1		26.5					
32	+0.048 +0.009	38	+0.042 +0.026					14.0			18.7	20.5	23.5		28.0	29.9				
35	+0.048 +0.009	42	+0.042 +0.026								24.0	26.5	30.1		36.0		42.2			
40	+0.048 +0.009	48	+0.051 +0.032								31.0		39.0		46.9		54.9	62.8		
45	+0.048 +0.009	52	+0.051 +0.032										38.0		45.6		53.1	60.7	68.2	
50	+0.048 +0.009	58	+0.051 +0.032										48.7		58.2		67.7	77.3	86.8	96.4

Dimensions in millimeters

Load Calculations

Static radial limit load = 0.206B x (L-2) kN

Permissible dynamic load = Static radial limit load / 1.2 kN

Where:

B = Bush bore

L = Bush length

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