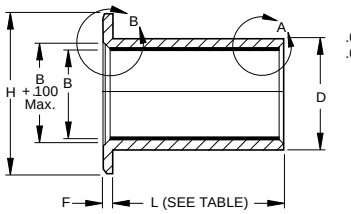
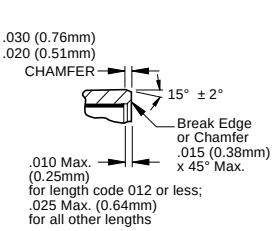
EN 2286 ALUMINUM SELF-LUBRICATED FLANGED JOURNAL BEARING

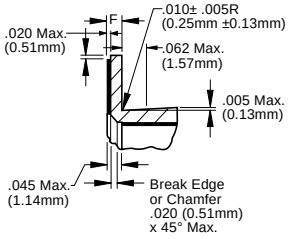
European Standards

- Flanged bushes (journals) 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





DETAIL A



DETAIL B

SPECIFICATIONS AND ORDERING INFORMATION

EN 2286 Flanged Series Aluminum

B nom	B tol	D nom	D tol p6	H +0 -0.25	F +0 -0.15	R	C max	Length 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	12	1.5	0.1 to 0.4	0.9	1.0																
8	+0.027 +0.005	12	+0.029 +0.018	14	1.5	0.1 to 0.4	0.9	1.3	1.6															
10	+0.027 +0.005	14	+0.029 +0.018	16	1.5	0.1 to 0.4	0.9	1.5	1.9	2.3														
12	+0.033 +0.006	16	+0.029 +0.018	22	1.5	0.5 to 0.8	0.9	2.3	2.7	3.2	3.7													
15	+0.033 +0.006	19	+0.035 +0.022	25	1.5	0.5 to 0.8	0.9		3.3	3.8	4.5	5.0												
16	+0.033 +0.006	20	+0.035 +0.022	26	1.5	0.5 to 0.8	0.9		3.4	4.1	4.7	5.7	6.0											
18	+0.033 +0.006	22	+0.035 +0.022	28	1.5	0.5 to 0.8	1.2			4.6	5.3	6.3		7.4										
20	+0.040 +0.007	25	+0.035 +0.022	30	1.5	0.5 to 0.8	1.2			5.9	6.9	8.4			11.0									
22	+0.040 +0.007	26	+0.035 +0.022	32	1.5	0.5 to 0.8	1.2				6.3	7.6			9.7	10.6								
25	+0.040 +0.007	30	+0.035 +0.022	35	1.5	0.5 to 0.8	1.2				8.4	10.3			13.3	14.5	16.4							
28	+0.040 +0.007	34	+0.042 +0.026	40	2.5	0.5 to 0.8	1.2					14.9			19.0	20.6	23.1	25.4						
30	+0.040 +0.007	36	+0.042 +0.026	42	2.5	0.5 to 0.8	1.2					15.8			20.3	22.0	24.6		29.1					
32	+0.048 +0.009	38	+0.042 +0.026	44	2.5	0.5 to 0.8	1.2					16.7			21.4	23.3	26.1		30.8	32.6				
35	+0.048 +0.009	42	+0.042 +0.026	47	2.5	0.5 to 0.8	1.2								26.5	28.9	32.5		38.5		44.5			
40	+0.048 +0.009	48	+0.051 +0.032	52	2.5	0.5 to 0.8	1.2								33.6		41.4		49.0		57.1	64.0		
45	+0.048 +0.009	52	+0.051 +0.032	57	2.5	0.5 to 0.8	1.2										40.8		48.3		56.0	63.5	71.0	
50	+0.048 +0.009	58	+0.051 +0.032	62	2.5	0.5 to 0.8	1.2										50.7		60.3		69.9	79.6	79.6	98.8

Dimensions in millimeters

Load Calculations

Static radial limit load = 0.206B x (L- 1.2 - Rmax - Fmax) kN

Static axial limit load = 0.16[(A-1.5)2 - (B+2.5)2] kN

Permissible dynamic load = Static radial limit load / 1.2 kN

Where:

B = Bush bore diameter

L = Bush length

R = Corner radius

F = Flange width

A = Flange diameter