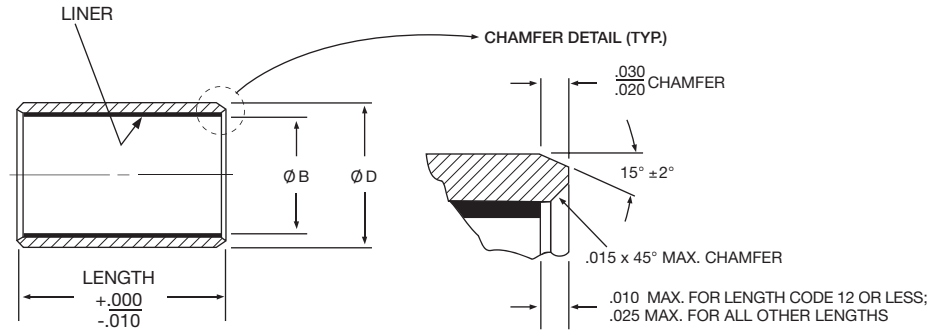


SLEEVE BEARINGS – Self-Lubricating

AS81934/1 Plain



Part Number	(B) Bore Diameter	(D) Outside Diameter			Weight lbs./In (Ref) L = 1.000			
		Alum. Tol. +.0005/-0.0005	CRES Tol. +.0000/-0.0005	Standard	1st Oversize	2nd Oversize	Alum.	CRES
	Inch						lb/in	lb/in
M81934/1	+0.0000 -0.0010							
AD04	.2512	.3760	.3860	.3960	.006	.016		
AD05	.3140	.4386	.4486	.4586	.007	.019		
AD06	.3765	.5012	.5112	.5212	.008	.022		
AD07	.4390	.5638	.5738	.5838	.009	.025		
AD08	.5015	.6265	.6365	.6465	.011	.028		
AD09	.5640	.6892	.6992	.7092	.012	.031		
AD10	.6265	.8142	.8242	.8342	.021	.056		
AD11	.6890	.8767	.8867	.8967	.022	.060		
AD12	.7515	.9393	.9493	.9593	.024	.065		
AD14	.8765	1.0645	1.0745	1.0845	.028	.075		
AD16	1.0015	1.1898	1.1998	1.2098	.031	.084		
AD18	1.1265	1.3148	1.3248	1.3348	.035	.094		
AD20	1.2515	1.4398	1.4498	1.4598	.038	.103		
AD22	1.3765	1.5648	1.5748	1.5848	.041	.113		
AD24	1.5015	1.7523	1.7623	1.7723	.062	.171		
AD26	1.6265	1.8773	1.8873	1.8973	.067	.183		
AD28	1.7515	2.0023	2.0123	2.0223	.071	.196		
AD32	2.0015	2.2523	2.2623	2.2723	.081	.222		

Notes:

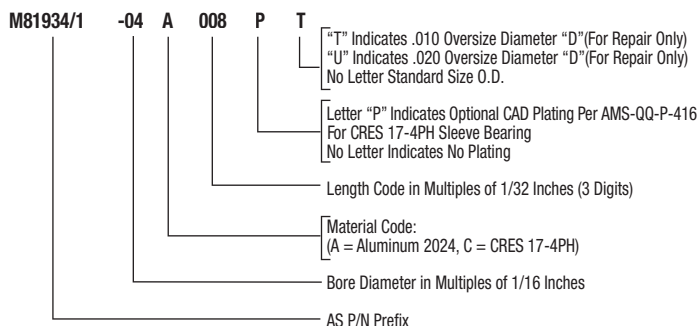
- Static Limit Load:
Alum., 50,000 psi X B(L - .10) = lbs.
CRES, 78,500 psi X B(L - .10) = lbs.
- Dynamic Capacity: 37,500 X B(L - .10) = lbs.
- Temperature: Operating temperature range -65° to 325°F.
- Concentricity tolerance between B and D diameters shall not exceed .003 FIM.
- Bearings listed in table are approved for procurement to AS81934 .

Materials

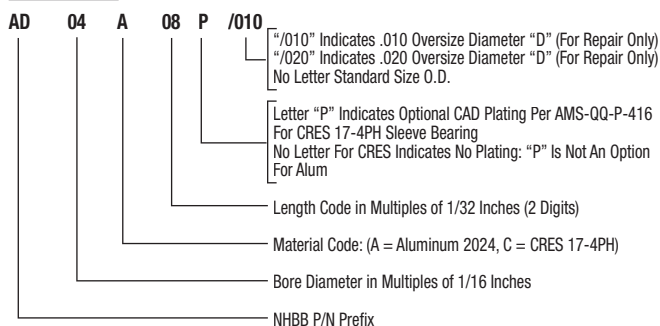
Material Code	Sleeve	Liner
A	Aluminum Alloy 2024-T851 or 2024-T8511 per AMS-QQ-A-225/6 or AMS-QQ-A-200/3.Finish Anodized per AMS-A-8625, Type I or II or Alodine per AMS-C-5541	PTFE/Fabric Bonded to Bore, No Lub. Required
C	CRES 17-4PH H.T. to Condition H-1150 per AMS-H-6875	



Aerospace Standard P/N



NHBB P/N



Length (Tolerance +.000, -.010)

Bore Code	5/32	3/16	7/32	1/4	9/32	5/16	11/32	3/8	7/16	1/2	9/16	5/8	11/16	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	1 7/8	2	2 1/8	2 1/4	2 3/8	2 1/2	2 3/4	3	
04	05	06	07	08	09	10	11	12	14																						
05	05	06	07	08	09	10	11	12	14	16	18																				
06	05	06	07	08	09	10	11	12	14	16	18	20	22																		
07	05	06	07	08	09	10	11	12	14	16	18	20	22	24	28																
08	05	06	07	08	09	10	11	12	14	16	18	20	22	24	28																
09	05	06	07	08	09	10	11	12	14	16	18	20	22	24	28	32	36														
10	05	06	07	08	09	10	11	12	14	16	18	20	22	24	28	32	36	40	44												
11				08	09	10	11	12	14	16	18	20	22	24	28	32	36	40	44	48	52										
12				08	09	10	11	12	14	16	18	20	22	24	28	32	36	40	44	48	52										
14				08	09	10	11	12	14	16	18	20	22	24	28	32	36	40	44	48	52										
16				08	09	10	11	12	14	16	18	20	22	24	28	32	36	40	44	48	52	56	60								
18					10	11	12	14	16	18	20	22	24	28	32	36	40	44	48	52	56	60									
20								12	14	16	18	20	22	24	28	32	36	40	44	48	52	56	60	64	68						
22								12	14	16	18	20	22	24	28	32	36	40	44	48	52	56	60	64	68						
24								12	14	16	18	20	22	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	88		
26										16	18	20	22	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	88	96	
28										16	18	20	22	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	88	96	
32										16	18	20	22	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	88	96	

Shaft and Housing Information

For optimum performance with lined sleeve bearings, considerable care must be exercised in the design of housings and shafts. For extreme applications involving dissimilar materials, elevated temperatures, or extreme loads, contact NHBB Applications Engineering for application recommendations. The adjacent table applies to normal conditions.

	Shaft	Housing
Diameter	B - .001 to - .002	D - .0006 to - .0011
Taper and Roundness	Not to exceed .0005	Not to exceed .0005
Finish	8 max. Polished or honed after grind	
Hardness	Rc50 min.	