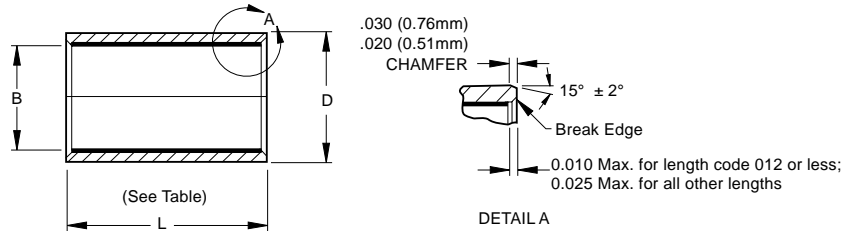


MACHINABLE SELF-LUBRICATED STRAIGHT JOURNAL BEARING

AS81934 (formerly MIL-B-81934)

- Journal type
- High temperature — low wear
-65°F to +325°F (-53.9°C to +162.8°C)
- Material and notes: CRES 17-4PH, Heat treated, Cond. H-1150 passivated
Liner: HP Uniflon® qualified to AS81934



SPECIFICATIONS AND ORDERING INFORMATION

DIMENSIONS — TOLERANCES

Part Numbers CRES		Nominal Size	B		D		Weight L = 1.000 in. L = 25.4 mm Ref.		
PBHP()C Dash No.	M81934/1()C Dash No.		+ .000, - .0010 + .000, - .25	+ .000, - .0005 + .000, - .013	in.	mm	lbs.-in	kg.-mm	
04	-04 [†]	1/4	6.350	.2515	6.388	.3760	9.550	.006	.003
05	-05 [†]	5/16	7.938	.3140	7.976	.4386	11.140	.008	.004
06	-06 [†]	3/8	9.525	.3765	9.563	.5012	12.730	.009	.004
07	-07 [†]	7/16	11.112	.4390	11.151	.5638	14.321	.010	.005
08	-08 [†]	1/2	12.700	.5015	12.738	.6265	15.913	.011	.005
09	-09 [†]	9/16	14.288	.5640	14.326	.6892	17.506	.013	.006
10	-10 [†]	5/8	15.875	.6265	15.913	.8142	20.681	.022	.010
11	-11 [†]	11/16	17.462	.6890	17.501	.8767	22.268	.023	.010
12	-12 [†]	3/4	19.050	.7515	19.088	.9393	23.858	.025	.011
14	-14 [†]	7/8	22.225	.8765	22.263	1.0645	27.038	.029	.013
16	-16 [†]	1	25.400	1.0015	25.438	1.1898	38.221	.033	.015
18	-18 [†]	1 1/8	28.575	1.1265	28.613	1.3148	33.396	.037	.017
20	-20 [†]	1 1/4	31.750	1.2515	31.788	1.4398	38.571	.040	.018
22	-22 [†]	1 3/8	34.925	1.3765	34.963	1.5648	39.746	.044	.020
24	-24 [†]	1 1/2	38.100	1.5015	38.138	1.7523	44.508	.065	.029
26	-26 [†]	1 5/8	41.275	1.6265	41.313	1.8773	47.683	.070	.032
28	-28 [†]	1 3/4	44.450	1.7515	44.488	2.0023	50.858	.075	.034
32	-32 [†]	2	50.800	2.0015	50.838	2.2523	57.208	.085	.039

Add length designation in 1/32 in. increments. (See below.) [†]Add length designation.

LENGTH DESIGNATORS

Part Number PBHP()C Dash No.	Length: +.000, -.010 in./ +.00, -.25mm																												
	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	08	09	10	11	12	14																							
05	08	09	10	11	12	14	16	18																					
06	08	09	10	11	12	14	16	18	20	22																			
07	08	09	10	11	12	14	16	18	20	22	24	28																	
08	08	09	10	11	12	14	16	18	20	22	24	28																	
09	08	09	10	11	12	14	16	18	20	22	24	28	32	36															
10	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

Bearing configuration	Part number designations for a 0.250 in. bore and 0.250 in. long CRES journal bearing	
Base P/N (no options)	PBHP0C08	M81934/1-04C008
Cadmium plating	PBHP04C08C	M81934/1-04C008P
Zinc Nickel plating	PBHP04C08Z	M81934/1-04C008E
1st oversize O.D. (0.010 in.)	PBHP04C08Q	M81934/1-04C008T

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JOURNAL BEARINGS