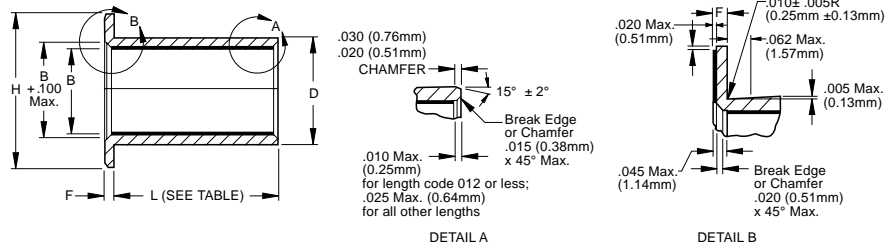


MACHINABLE SELF-LUBRICATED FLANGED JOURNAL BEARING

AS81934/2 (formerly MIL-B-81934)

- Flanged journal type
- High temperature — low wear
-65°F to +325°F. (-53.9°C to +162.8°C)
- Material: 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		F		H		Journal Weight L = 1.000 in. L = 25.4 mm Ref.		Flange Weight		
FBHP(J)C Dash No.	M81934/2(J)C Dash No.		+ .000, - .0010 + .000, -.25	in.	mm	+ .000, - .0005 + .000, -.013	in.	mm	+ .000, - .005 + .00, -.13	in.	mm	lbs.-in	kg-mm	lbs.-in	kg-mm
04	-04†	1/4	6.350	.2515	6.388	.3760	9.550	.0625	1.588	.750	19.05	.009	.004	.003	.001
05	-05†	5/16	7.938	.3140	7.976	.4386	11.140	.0625	1.588	.812	20.62	.011	.005	.003	.001
06	-06†	3/8	9.525	.3765	9.563	.5012	12.730	.0625	1.588	.875	22.22	.012	.005	.003	.001
07	-07†	7/16	11.112	.4390	11.151	.5638	14.321	.0625	1.588	.937	23.80	.013	.006	.003	.001
08	-08†	1/2	12.700	.5015	12.738	.6265	15.913	.0625	1.588	1.000	25.40	.015	.007	.004	.002
09	-09†	9/16	14.288	.5640	14.326	.6892	17.506	.0625	1.588	1.125	28.58	.017	.008	.004	.002
10	-10†	5/8	15.875	.6265	15.913	.8142	20.681	.0625	1.588	1.250	31.75	.027	.012	.005	.002
11	-11†	11/16	17.462	.6890	17.501	.8767	22.268	.0625	1.588	1.375	34.92	.030	.014	.007	.003
12	-12†	3/4	19.050	.7515	19.088	.9393	23.858	.0625	1.588	1.500	38.10	.034	.015	.009	.004
14	-14†	7/8	22.225	.8765	22.263	1.0645	27.038	.0625	1.588	1.625	41.28	.038	.017	.009	.004
16	-16†	1	25.400	1.0015	25.438	1.1898	30.221	.0625	1.588	1.750	44.45	.043	.020	.010	.005
18	-18†	1 1/8	28.575	1.1265	28.613	1.3148	33.396	.0937	2.380	1.875	47.62	.051	.023	.014	.006
20	-20†	1 1/4	31.750	1.2515	31.788	1.4398	36.571	.0937	2.380	2.000	50.80	.058	.026	.018	.008
22	-22†	1 3/8	34.925	1.3765	34.963	1.5648	39.746	.0937	2.380	2.125	53.98	.063	.029	.019	.009
24	-24†	1 1/2	38.100	1.5015	38.138	1.7523	44.508	.0937	2.380	2.250	57.15	.084	.038	.018	.008
26	-26†	1 5/8	41.275	1.6265	41.313	1.8773	47.683	.0937	2.380	2.375	60.32	.090	.041	.020	.009
28	-28†	1 3/4	44.450	1.7515	44.488	2.0023	50.858	.0937	2.380	2.500	63.50	.098	.044	.023	.010
32	-32†	2	50.800	2.0015	50.838	2.2523	57.208	.0937	2.380	2.750	69.85	.111	.050	.026	.012

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

LENGTH DESIGNATORS

Part Number	Length: +000, -.010 in./ +00, -.25mm																													
FBHP(J)C Dash No.	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	32	36																
09	08	09	10	11	12	14	16	18	20	22	24	28	32	36	40	44														
10	08	09	10	11	12	14	16	18	20	22	24	28	32	36	40	44	48	52												
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	38	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)	FBHP04C08	M81934/2-04C008
Cadmium plating	FBHP04C08C	M81934/2-04C008P
Zinc Nickel plating	FBHP04C08Z	M81934/2-04C008E
1st oversize O.D. (0.010 in.)	FBHP04C08O	M81934/2-04C008T
2nd oversize O.D. (0.020 in.)	FBHP04C08U	M81934/2-04C008U

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