

Bellows Design Data Form

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Company: _____ **Date:** _____

Contact: _____ **Title:** _____

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1.0 Industry: Aircraft Industrial Medical Semi-Conductor Other _____

2.0 Application and function of bellows: _____

3.0 Bellows size: O.D. _____ I.D. _____

4.0 Effective area: _____ sq in

5.0 Bellows material: _____

6.0 Bellows free length (x_0): _____ in

7.0 Working stroke (Axial): Compression Extension

7.1 Xmax _____ in 7.2 Xmin _____ in

8.0 Temperature: 8.1 Temp max. _____ °F 8.2 Temp min. _____ °F

9.0 Pressure: Internal External

9.1 Operating pressure _____ psid

9.2 Proof pressure _____ psid

9.3 Burst pressure _____ psid

10.0 Life: (Number of cycles) _____ Cycle conditions _____

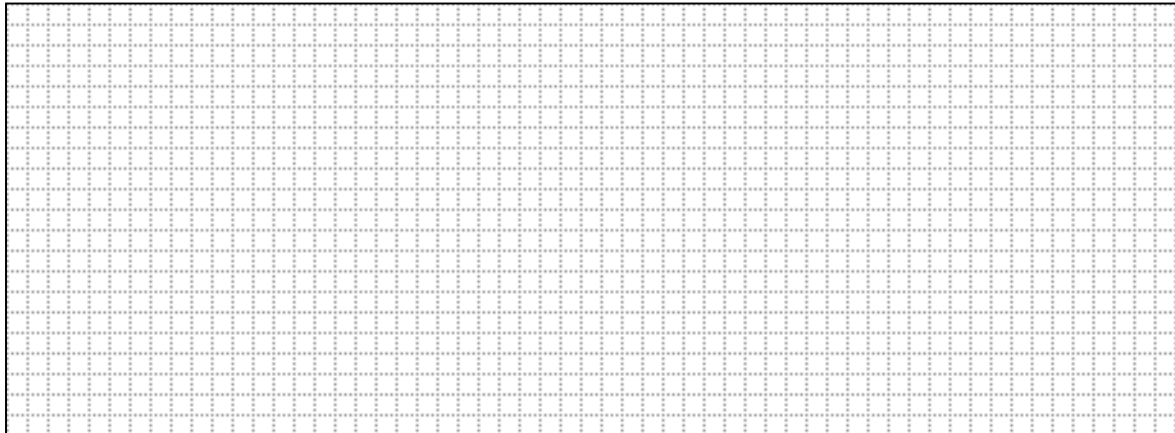
11.0 Load opposing bellows: _____ lbs

12.0 Spring rate: _____ lb/in

13.0 Media in contact with bellows: _____

14.0 Will bellows be subject to motion other than axial? No Yes _____

15.0 Sketch of bellows: (If possible, also supply Kinemotive with drawings).



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