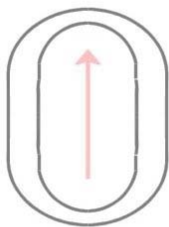


Question #320

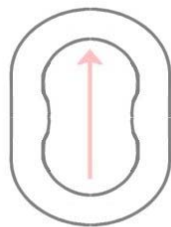
Seen in the picture below is a funny looking little character (undoubtedly a friend of OTTO: [Q#97](#), [Q#99](#), [Q#102](#), [Q#105](#), [Q#108](#), [Q#114](#), [Q#124](#)) with interesting dynamical properties, as seen in an mpeg video by clicking your mouse on the photograph. Inside the little character there is obviously a ball in some sort of cavity.



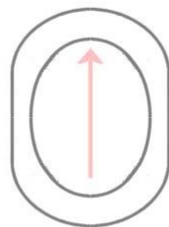
Which of the following drawings most accurately describes the shape of the cross section of the funny looking little character?



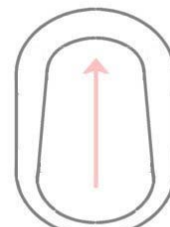
(a)



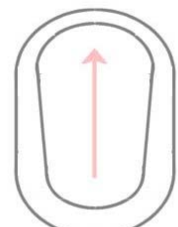
(b)



(c)



(d)



(e)

Note that the arrow on the drawings points upward on the funny little character (toward its head) as oriented in the photograph above.

Click here for [Answer #320](#) after September 22, 2008.

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For questions and comments regarding the *Question of the Week* contact [Dr. Richard E. Berg](#) by e-mail or using phone number or regular mail address given on the [Lecture-Demonstration Home Page](#).