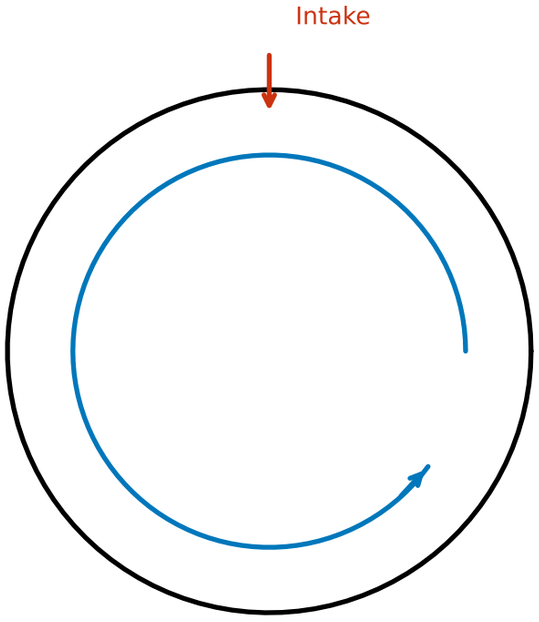
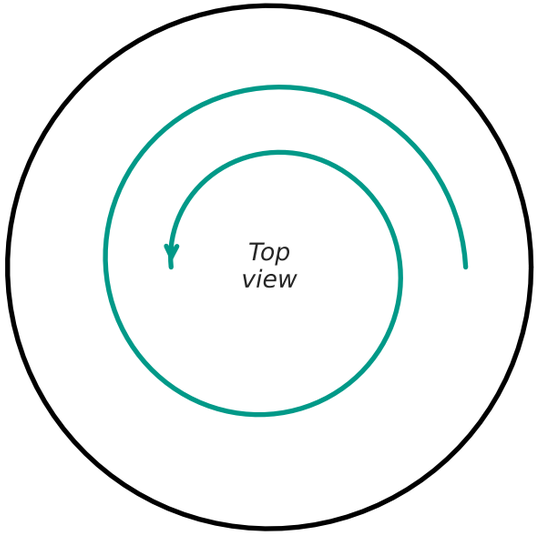
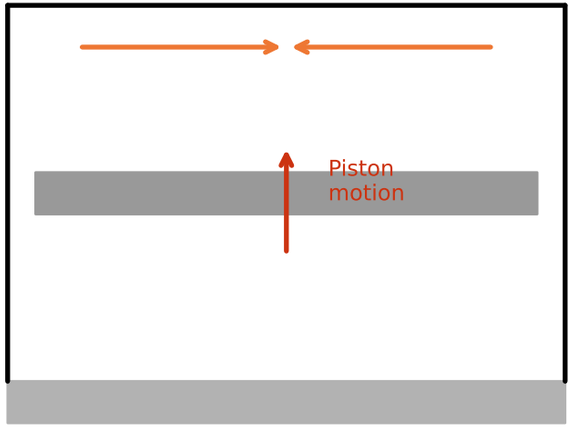
Tumble
(rotation about horizontal axis)



Swirl
(rotation about cylinder axis)



Squish
(radial flow during compression)