CLAIMS:

It is claimed:

1. A flow control device for installation in a subterranean wellbore on a downhole tubular, the flow control device comprising:

an interior surface that defines an interior chamber, the interior surface includes a side perimeter surface and opposing end surfaces, a greatest distance between the opposing end surfaces is smaller than a largest dimension of the opposing end surfaces;

a first port through one of the end surfaces for outputting fluid flow to, or receiving fluid flow from, the downhole tubular or the wellbore; and

a second port through the interior surface and apart from the first port, the side perimeter surface operable to direct flow from the second port to rotate about the first port, the second port for outputting fluid flow to, or receiving fluid flow from, the other of the downhole tubular or the wellbore;

a first flow path operable to direct flow through the second port into the interior chamber at a first angle, and

a second flow path operable to direct flow through the second port into the interior chamber at a second, different angle;

a flow ratio defined between the first and second flow paths; and

wherein the fluid flow ratio autonomously changes in response to autonomous changes in a characteristic of the flow entering the flow control device.

2. The flow control device of claim 1, wherein the first port comprises an outlet from the interior chamber and the second port comprises an inlet to the interior chamber.

3. The flow control device of claim 2, wherein the first flow path is operable to direct flow through the inlet in a substantially angular direction about the outlet and along the side perimeter surface.

4. The flow control device of claim 2, wherein the second flow path is operable to direct flow through the inlet in a substantially radial direction toward the outlet and perpendicular to the side perimeter surface.

5. The flow control device of claim 2, wherein the side perimeter surface is operable to promote rotational flow from the first flow path about the outlet.

6. The flow control device of claim 2, wherein the interior chamber is operable to support a substantially non-rotational flow from the second flow path to the outlet.