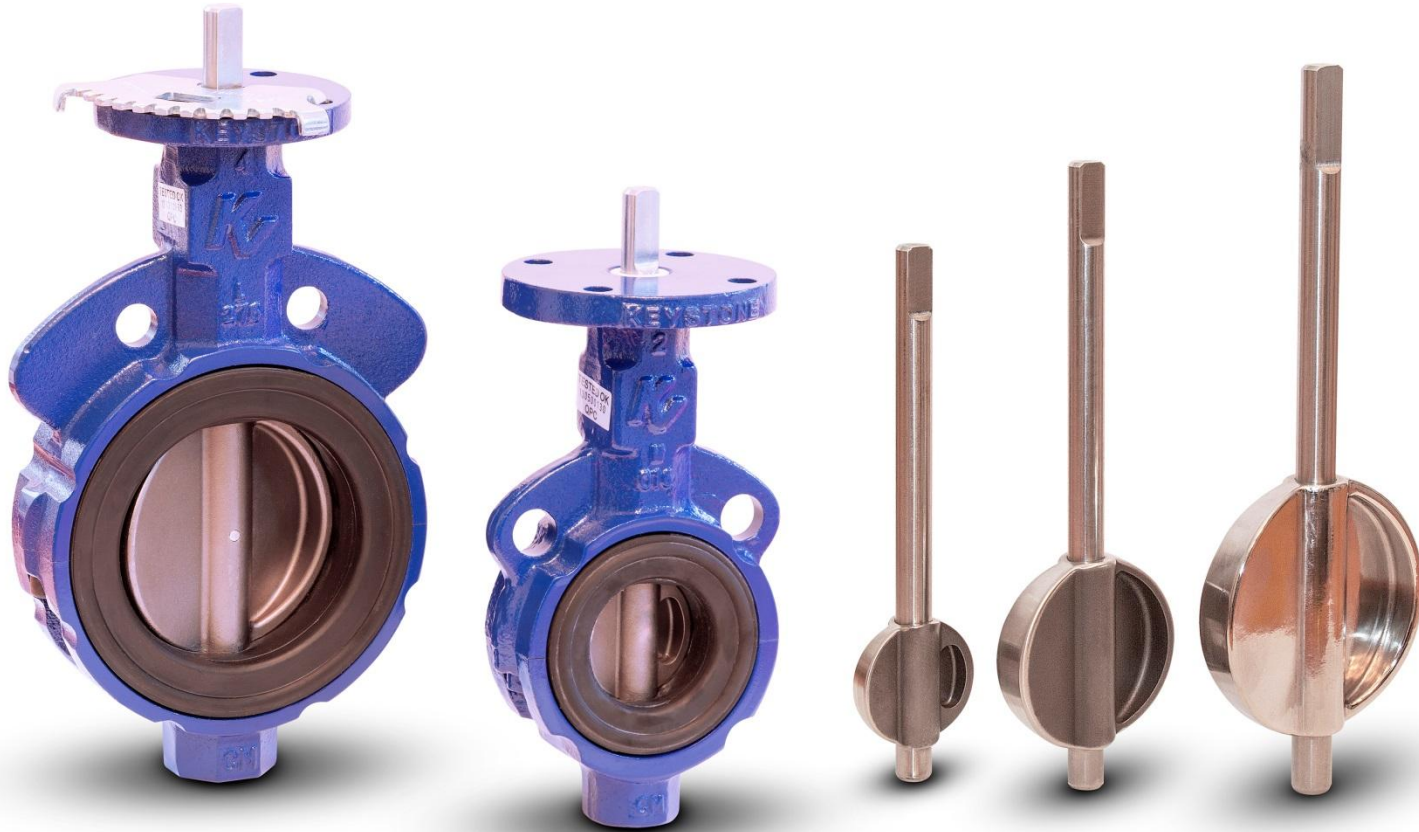


# **Yeary Controls**

*Presents a new and unique  
development:  
Finally...*

***A LOW COST, LOW-TORQUE,  
EQUAL PERCENTAGE CONTROL  
BUTTERFLY VALVE***

# The **Yeary Controls** patented **SharkFin™**



# 4"-150 Low Torque Throttling Butterfly Valve with Baumann Control Disc Pat. Applied For



# Control Disc

An H. B. Services Partners LLC Patented Development



# 4"-150 Control Disc Butterfly Valve Patented



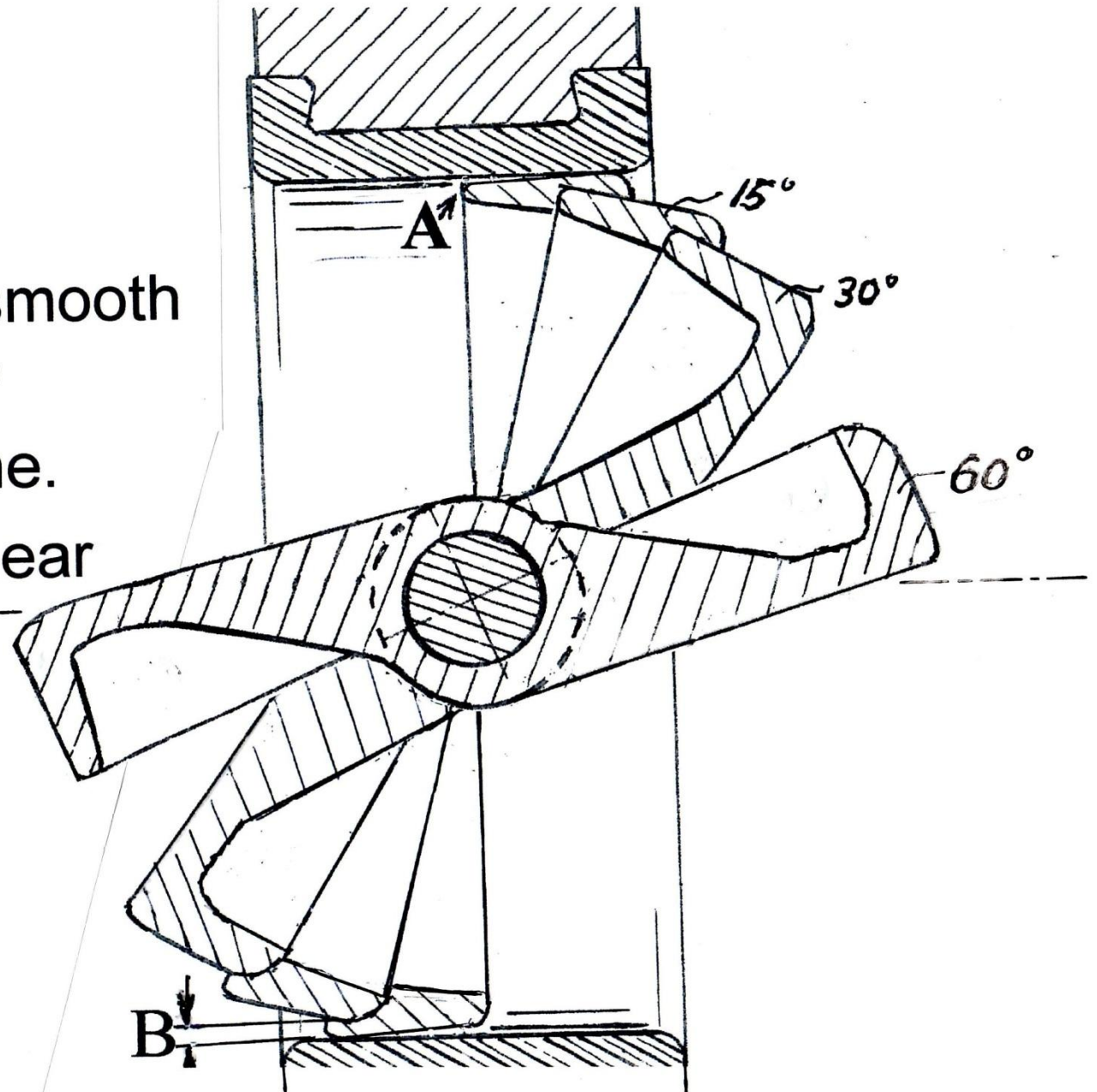


# The **SharkFin**™

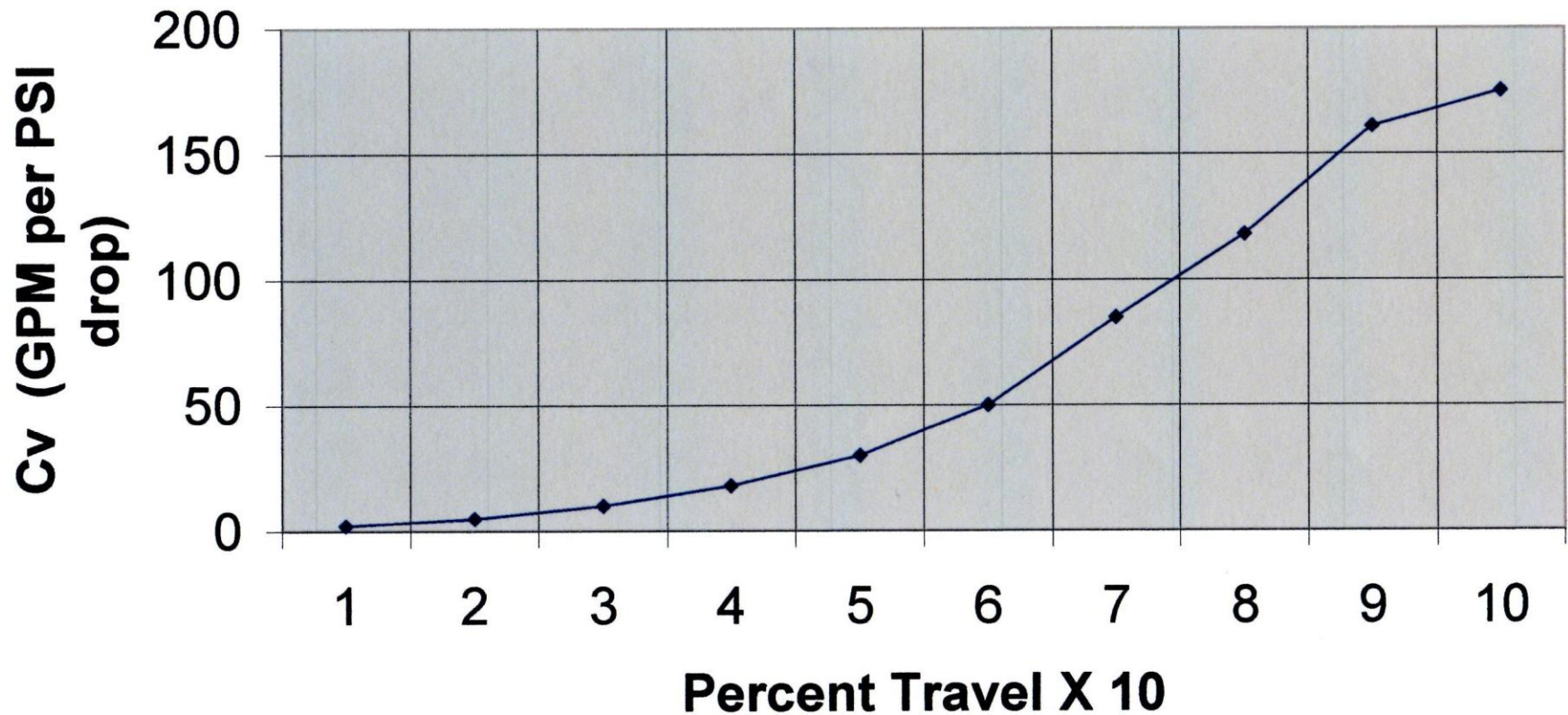
## Throttling Butterfly Valve

- Lined Butterfly valves find significant applications in the process industry due to their low cost and tight shut-off. However, use of these type of valves for process control applications has been limited due to the absence of a good throttling characteristic. In addition the “beak-away” friction experienced when opening such a valve, can lead to instability and makes the control at small opening impossible.
- The new **SharkFin** Throttling Butterfly Valve overcomes all of the above and many other disadvantages by providing:
  - A. Tight shut-off,
  - B. An equal percentage flow characteristic,
  - C. No break-away friction,
  - D. No erratic dynamic torque, or torque reversal.
  - E. Twice the flow capacity of throttling globe valves.
  - F. FDA approved food grade Nitrile liner and polished vane makes this valve ideal for food, beer, and bio-processing applications.

- Note smooth
- Lift-off of Vane.
- No Shear



# **TYPICAL FLOW CHARACTERISTIC for 3 inch lined butterfly valve, measured data on 8-3-2009**



NOTE: MAX.TRAVEL is 60 degrees



# MATERIAL OF CONSTRUCTION

- Valve Body: Ductile Iron , epoxy coated.
  - Vane : Type 316 Stainless steel, (polished optional).
  - Liner: EDPM rubber, or food grade Nitrile.
  - Shaft: Type 316 Stainless steel.
  - Stem seal: EPDM rubber O-ring.
- 
- ACTUATOR: Pneumatic, rack and pinion.
  - AVAILABLE SIZES AND DIMENSIONS:

Size	Rated Cv	Min. Cv	Face to face
2"	71	1	1.625
3"	180	2	1.750
4"	320	4	2.000
6"	720	8	2.125
8"	1280	15	2.500

# **Yeary Controls**

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Its time to gain control of your  
Butterfly Valves...

**CONTACT US TODAY!**