

# Figures 230-D, 230-U 30" & 36" Lever & Spring Swing Check Valve

## Description

VAG/GA Industries Figures 230-D and 230-U are heavy duty, customizable swing check valves that utilize an adjustable spring assisted closure to minimize slam and hammer. The valves are typically installed on the discharge of a pump to prevent backflow when the pump is offline. It opens smoothly at pump start and closes quickly and quietly upon pump shutdown.

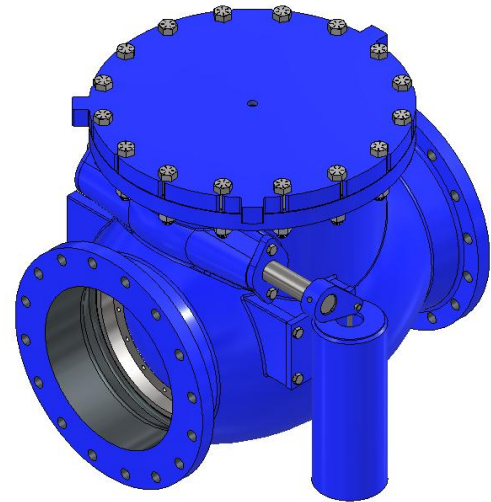
Figure 230-D and 230-U meet the design, materials of construction and testing required by AWWA C508 and is suitable for use with water or sewage, in horizontal or vertical flow up pipes.

## Product Features

- Heavy duty construction withstands rigors of pump station operation
- Full flow area when swung only 25° away from seat for low head loss and reduced pumping cost
- Replaceable rubber disc seat for tight seating at low and high pressure
- Compression spring enclosed in chamber, eliminates pinch points

## Standard Materials

- |                      |   |
|----------------------|---|
| • Body & Disc        | Cast Iron, ASTM A126 Class B                            |
| • Cover              | Steel, ASTM A36   |
| • Body Seat          | Stainless Steel, Type 316                               |
| • Disc Seat          | Buna-N  |
| • Hinge Shaft        | Stainless Steel, Type 303                               |
| • External Fasteners | Steel, A307, Zinc Plated                                |
| • Spring             | Alloy Steel   |
| • Coating            | Internal and external NSF-61/600 certified 2-part epoxy |



## Approvals & Certifications

- NSF-61 Certified for Contact with Drinking Water
- NSF-372 Certified Lead Free (Max 0.25% Lead Content by Weighted Average)
- AIS and BABA Compliant

## Options

- Option 1D With Honeywell HDLS NEMA 1, 3, 4, 4X, 6, 6P, 12 & 13 DPDT Limit Switch
- Option LH With Lever & Weight Factory Installed on Left Side Facing Inlet
- Option P3 With 316 SS Hinge Shaft, Disc Center Pin, Lock Nut and Washer, Shaft End Plate and External Fasteners
- Option S3 With Type 316 Stainless Steel Hinge Shaft (Included in Option P3)
- Option SE With 316 Stainless Steel External Fasteners (Included in Option P3)

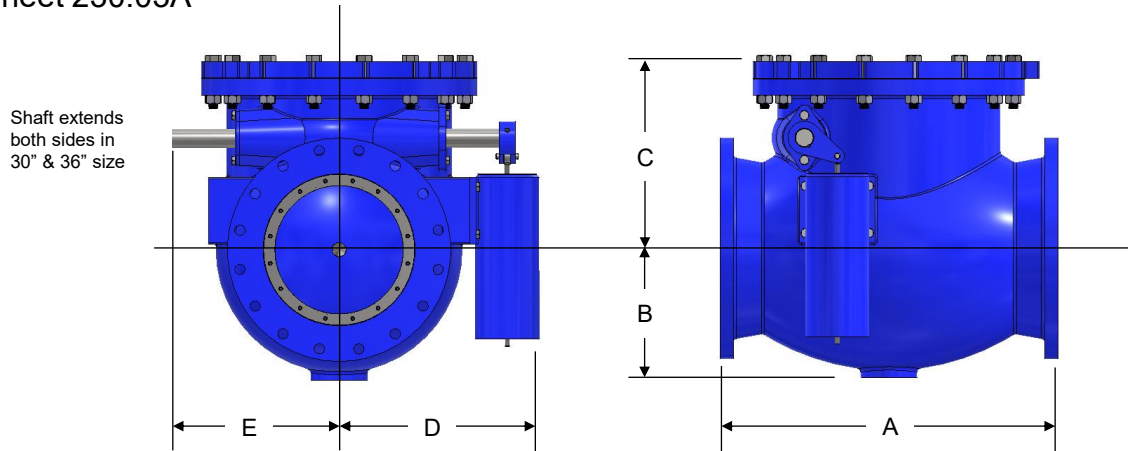
## Ordering Data

- Figure Number (230-D or 230-U)
- Size
- Options and/or Accessories

)

Non-Shock Working Water Pressure at up to 150F (66C)		
Figure No.	230-D	230-U
Flange Drilling	ANSI B16.1 Class 125	ANSI B16.1 Class 250
Size	30" & 36"	30" & 36"
Max Working Pressure	150 PSI	300 PSI
Shell Test	300 PSI	450 PSI

Data Sheet 230.03A

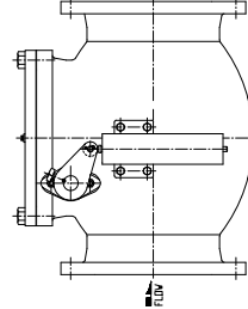


**Installation Dimensions**

SIZE	A	B	C	D	E	WGT
30"	60	26	33	35½	32	8,000
36"	63	30	33	35	32	13,000

- Face to face same for both Class 125 and Class 250 flanged valves, Class 250 supplied with flat face
- Dimensions in inches, weight in pounds and are approximate. Request certified drawings if critical.
- Larger sizes available, consult factory

**Vertical Installation**



**Full Open Head Loss**

