

Figures 230-D, 230-U 14" – 24" 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.

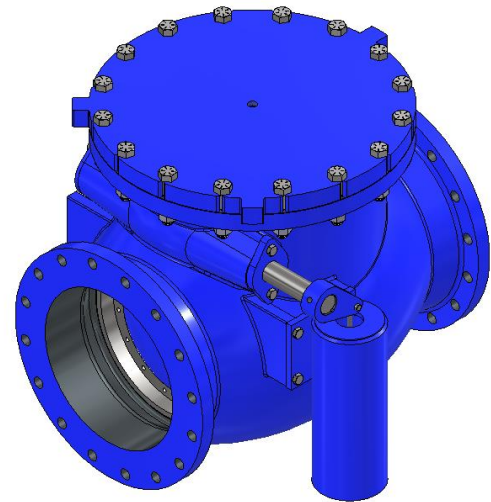
Figure 230-D and 230-U meet the design, materials of construction and testing required by AWWA C508 and is suitable for use with water or sewage, in horizontal or vertical flow up pipes.

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 Carboguard 891 NSF-61 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)

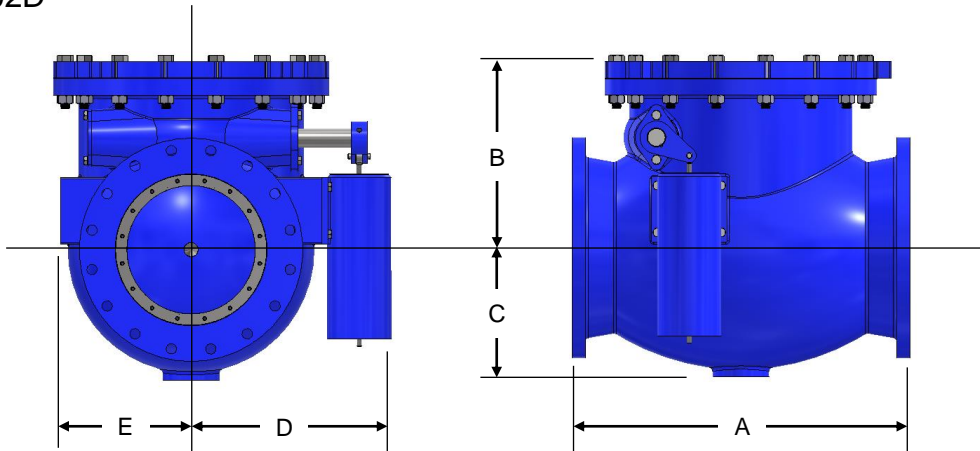
Ordering Data

- 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	ANSI B16.1 Class 125	ANSI B16.1 Class 250
Size	14" – 24"	14" – 24"
Max Working Pressure	150 PSI	300 PSI
Shell Test	300 PSI	450 PSI

Data Sheet 230.02D



Installation Dimensions

	14"	16"	18"	20"	24"
A	33	36	40	40	48
B	22	23	24	24	28
C	13	14	17¼	17¼	20
D	20	21	25½	25½	34
E	14	16	18	18	23
WGT	1480	1800	2400	2800	6000

- 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

