

Figures 230-D, 230-U 2" – 12" 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
- Lever & spring field convertible right hand to left hand side, and from horizontal to vertical installation

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 Steel
- Coating Internal and external Carboguard 891 NSF-61 certified 2-part epoxy

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	2" – 12"	2" – 12"
Max Working Pressure	200 PSI	300 PSI
Shell Test	400 PSI	450 PSI



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

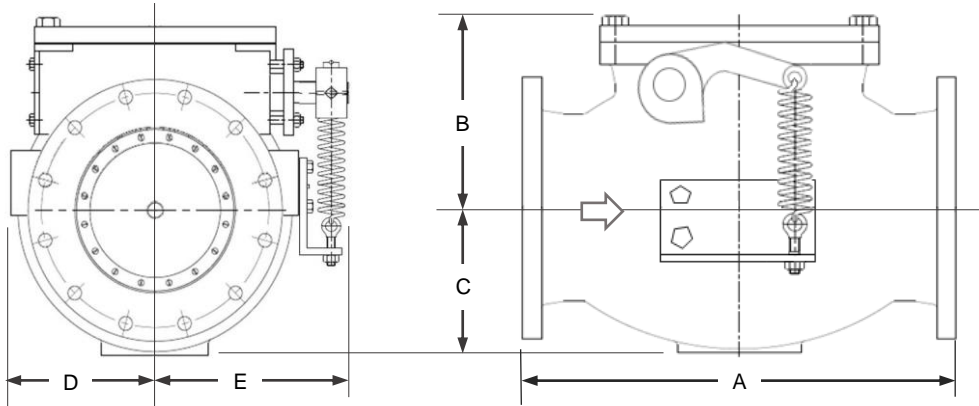
Options

- Option 1D With Honeywell HDLS NEMA 1, 3, 4, 4X, 6, 6P, 12 & 13 DPDT Limit Switch
- Option CR With O-ring Shaft Seal Instead of Teflon Packing
- 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

Data Sheet 230.01F



Installation Dimensions

SIZE	2", 2½", 3"	4"	6"	8"	10"	12"
A	12	13	17½	18	23	28
B	7	8½	9	12	14	16
C	5	5	6	9	9	11
D	10	11	12	14	15	17
E	5	5	7	8	9	11
WGT	100	150	230	310	480	970

- 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

